| Ant 0 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.15 | 32.20 | 31.85 | 33.50 | 23.15 | 23.20 | 22.85 | 24.50 |
| GPRS 1 Tx slot | 32.18 | 32.22 | 31.86 | 33.50 | 23.18 | 23.22 | 22.86 | 24.50 |
| GPRS 2 Tx slots | 31.14 | 31.12 | 30.80 | 32.50 | 25.14 | 25.12 | 24.80 | 26.50 |
| GPRS 3 Tx slots | 29.04 | 29.11 | 29.03 | 30.50 | 24.78 | 24.85 | 24.77 | 26.24 |
| GPRS 4 Tx slots | 27.77 | 28.00 | 27.60 | 29.50 | 24.77 | 25.00 | 24.60 | 26.50 |
| EDGE 1 Tx slot | 25.62 | 25.59 | 25.53 | 27.50 | 16.62 | 16.59 | 16.53 | 18.50 |
| EDGE 2 Tx slots | 25.56 | 25.55 | 25.30 | 27.00 | 19.56 | 19.55 | 19.30 | 21.00 |
| EDGE 3 Tx slots | 23.60 | 23.79 | 23.44 | 25.00 | 19.34 | 19.53 | 19.18 | 20.74 |
| EDGE 4 Tx slots | 21.76 | 21.80 | 21.52 | 23.00 | 18.76 | 18.80 | 18.52 | 20.00 |
| Ant 2 | | | | | | | | |
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.16 | 29.31 | 29.70 | 30.50 | 20.16 | 20.31 | 20.70 | 21.50 |
| GPRS 1 Tx slot | 29.17 | 29.36 | 29.72 | 30.50 | 20.17 | 20.36 | 20.72 | 21.50 |
| GPRS 2 Tx slots | 28.51 | 29.00 | 28.72 | 29.70 | 22.51 | 23.00 | 22.72 | 23.70 |
| GPRS 3 Tx slots | 27.04 | 27.21 | 27.20 | 28.00 | 22.78 | 22.95 | 22.94 | 23.74 |
| GPRS 4 Tx slots | 26.17 | 26.00 | 26.37 | 27.00 | 23.17 | 23.00 | 23.37 | 24.00 |
| EDGE 1 Tx slot | 25.53 | 25.80 | 25.80 | 26.50 | 16.53 | 16.80 | 16.80 | 17.50 |
| EDGE 2 Tx slots | 24.91 | 25.30 | 25.21 | 26.00 | 18.91 | 19.30 | 19.21 | 20.00 |
| EDGE 3 Tx slots | 23.67 | 24.19 | 23.96 | 25.00 | 19.41 | 19.93 | 19.70 | 20.74 |
| EDGE 4 Tx slots | 22.96 | 23.31 | 23.20 | 24.00 | 19.96 | 20.31 | 20.20 | 21.00 |

| Ant 1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 31.47 | 31.31 | 31.04 | 32.20 | 22.47 | 22.31 | 22.04 | 23.20 |
| GPRS 1 Tx slot | 31.51 | 31.34 | 31.08 | 32.20 | 22.51 | 22.34 | 22.08 | 23.20 |
| GPRS 2 Tx slots | 30.46 | 30.22 | 30.20 | 31.20 | 24.46 | 24.22 | 24.20 | 25.20 |
| GPRS 3 Tx slots | 28.37 | 28.16 | 28.05 | 29.20 | 24.11 | 23.90 | 23.79 | 24.94 |
| GPRS 4 Tx slots | 27.31 | 27.07 | 27.01 | 28.20 | 24.31 | 24.07 | 24.01 | 25.20 |
| EDGE 1 Tx slot | 24.93 | 24.90 | 24.60 | 26.50 | 15.93 | 15.90 | 15.60 | 17.50 |
| EDGE 2 Tx slots | 24.64 | 24.70 | 24.50 | 26.00 | 18.64 | 18.70 | 18.50 | 20.00 |
| EDGE 3 Tx slots | 22.91 | 22.83 | 22.86 | 24.00 | 18.65 | 18.57 | 18.60 | 19.74 |
| EDGE 4 Tx slots | 21.01 | 21.10 | 20.74 | 22.00 | 18.01 | 18.10 | 17.74 | 19.00 |
| | Ant 0 | | | | | | | |
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.00 | 29.20 | 29.39 | 30.20 | 20.00 | 20.20 | 20.39 | 21.20 |
| GPRS 1 Tx slot | 29.13 | 29.37 | 29.56 | 30.20 | 20.13 | 20.37 | 20.56 | 21.20 |
| GPRS 2 Tx slots | 28.50 | 28.78 | 28.68 | 29.70 | 22.50 | 22.78 | 22.68 | 23.70 |
| GPRS 3 Tx slots | 26.80 | 27.23 | 27.05 | 27.70 | 22.54 | 22.97 | 22.79 | 23.44 |
| GPRS 4 Tx slots | 25.51 | 25.84 | 25.63 | 26.70 | 22.51 | 22.84 | 22.63 | 23.70 |
| EDGE 1 Tx slot | 25.56 | 25.67 | 25.66 | 26.50 | 16.56 | 16.67 | 16.66 | 17.50 |
| EDGE 2 Tx slots | 24.74 | 24.95 | 25.06 | 26.00 | 18.74 | 18.95 | 19.06 | 20.00 |
| EDGE 3 Tx slots | 23.52 | 23.76 | 23.76 | 25.00 | 19.26 | 19.50 | 19.50 | 20.74 |
| EDGE 4 Tx slots | 22.59 | 22.89 | 22.55 | 24.00 | 19.59 | 19.89 | 19.55 | 21.00 |

| Ant 0 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.15 | 32.20 | 31.85 | 33.50 | 23.15 | 23.20 | 22.85 | 24.50 |
| GPRS 1 Tx slot | 32.18 | 32.22 | 31.86 | 33.50 | 23.18 | 23.22 | 22.86 | 24.50 |
| GPRS 2 Tx slots | 31.14 | 31.12 | 30.80 | 32.50 | 25.14 | 25.12 | 24.80 | 26.50 |
| GPRS 3 Tx slots | 29.04 | 29.11 | 29.03 | 30.50 | 24.78 | 24.85 | 24.77 | 26.24 |
| GPRS 4 Tx slots | 27.77 | 28.00 | 27.60 | 29.50 | 24.77 | 25.00 | 24.60 | 26.50 |
| EDGE 1 Tx slot | 25.62 | 25.59 | 25.53 | 27.50 | 16.62 | 16.59 | 16.53 | 18.50 |
| EDGE 2 Tx slots | 25.56 | 25.55 | 25.30 | 27.00 | 19.56 | 19.55 | 19.30 | 21.00 |
| EDGE 3 Tx slots | 23.60 | 23.79 | 23.44 | 25.00 | 19.34 | 19.53 | 19.18 | 20.74 |
| EDGE 4 Tx slots | 21.76 | 21.80 | 21.52 | 23.00 | 18.76 | 18.80 | 18.52 | 20.00 |

| Ant 2 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.16 | 29.31 | 29.70 | 30.50 | 20.16 | 20.31 | 20.70 | 21.50 |
| GPRS 1 Tx slot | 29.17 | 29.36 | 29.72 | 30.50 | 20.17 | 20.36 | 20.72 | 21.50 |
| GPRS 2 Tx slots | 28.51 | 29.00 | 28.72 | 29.70 | 22.51 | 23.00 | 22.72 | 23.70 |
| GPRS 3 Tx slots | 27.04 | 27.21 | 27.20 | 28.00 | 22.78 | 22.95 | 22.94 | 23.74 |
| GPRS 4 Tx slots | 26.17 | 26.00 | 26.37 | 27.00 | 23.17 | 23.00 | 23.37 | 24.00 |
| EDGE 1 Tx slot | 25.53 | 25.80 | 25.80 | 26.50 | 16.53 | 16.80 | 16.80 | 17.50 |
| EDGE 2 Tx slots | 24.91 | 25.30 | 25.21 | 26.00 | 18.91 | 19.30 | 19.21 | 20.00 |
| EDGE 3 Tx slots | 23.67 | 24.19 | 23.96 | 25.00 | 19.41 | 19.93 | 19.70 | 20.74 |
| EDGE 4 Tx slots | 22.96 | 23.31 | 23.20 | 24.00 | 19.96 | 20.31 | 20.20 | 21.00 |

| Ant 1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 31.47 | 31.31 | 31.04 | 32.20 | 22.47 | 22.31 | 22.04 | 23.20 |
| GPRS 1 Tx slot | 31.51 | 31.34 | 31.08 | 32.20 | 22.51 | 22.34 | 22.08 | 23.20 |
| GPRS 2 Tx slots | 30.46 | 30.22 | 30.20 | 31.20 | 24.46 | 24.22 | 24.20 | 25.20 |
| GPRS 3 Tx slots | 28.37 | 28.16 | 28.05 | 29.20 | 24.11 | 23.90 | 23.79 | 24.94 |
| GPRS 4 Tx slots | 27.38 | 27.27 | 27.36 | 28.20 | 24.38 | 24.27 | 24.36 | 25.20 |
| EDGE 1 Tx slot | 24.93 | 24.90 | 24.60 | 26.50 | 15.93 | 15.90 | 15.60 | 17.50 |
| EDGE 2 Tx slots | 24.64 | 24.70 | 24.50 | 26.00 | 18.64 | 18.70 | 18.50 | 20.00 |
| EDGE 3 Tx slots | 22.91 | 22.83 | 22.86 | 24.00 | 18.65 | 18.57 | 18.60 | 19.74 |
| EDGE 4 Tx slots | 21.01 | 21.10 | 20.74 | 22.00 | 18.01 | 18.10 | 17.74 | 19.00 |
| | Ant 0 | | | | | | | |
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.00 | 29.20 | 29.39 | 30.20 | 20.00 | 20.20 | 20.39 | 21.20 |
| GPRS 1 Tx slot | 29.13 | 29.37 | 29.56 | 30.20 | 20.13 | 20.37 | 20.56 | 21.20 |
| GPRS 2 Tx slots | 28.50 | 28.78 | 28.68 | 29.70 | 22.50 | 22.78 | 22.68 | 23.70 |
| GPRS 3 Tx slots | 26.80 | 27.23 | 27.05 | 27.70 | 22.54 | 22.97 | 22.79 | 23.44 |
| GPRS 4 Tx slots | 25.51 | 25.84 | 25.63 | 26.70 | 22.51 | 22.84 | 22.63 | 23.70 |
| EDGE 1 Tx slot | 25.56 | 25.67 | 25.66 | 26.50 | 16.56 | 16.67 | 16.66 | 17.50 |
| EDGE 2 Tx slots | 24.74 | 24.95 | 25.06 | 26.00 | 18.74 | 18.95 | 19.06 | 20.00 |
| EDGE 3 Tx slots | 23.52 | 23.76 | 23.76 | 25.00 | 19.26 | 19.50 | 19.50 | 20.74 |
| EDGE 4 Tx slots | 22.59 | 22.89 | 22.55 | 24.00 | 19.59 | 19.89 | 19.55 | 21.00 |

| Ant 0 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.15 | 32.20 | 31.85 | 33.50 | 23.15 | 23.20 | 22.85 | 24.50 |
| GPRS 1 Tx slot | 32.18 | 32.22 | 31.86 | 33.50 | 23.18 | 23.22 | 22.86 | 24.50 |
| GPRS 2 Tx slots | 31.14 | 31.12 | 30.80 | 32.50 | 25.14 | 25.12 | 24.80 | 26.50 |
| GPRS 3 Tx slots | 29.04 | 29.11 | 29.03 | 30.50 | 24.78 | 24.85 | 24.77 | 26.24 |
| GPRS 4 Tx slots | 27.77 | 28.00 | 27.60 | 29.50 | 24.77 | 25.00 | 24.60 | 26.50 |
| EDGE 1 Tx slot | 25.62 | 25.59 | 25.53 | 27.50 | 16.62 | 16.59 | 16.53 | 18.50 |
| EDGE 2 Tx slots | 25.56 | 25.55 | 25.30 | 27.00 | 19.56 | 19.55 | 19.30 | 21.00 |
| EDGE 3 Tx slots | 23.60 | 23.79 | 23.44 | 25.00 | 19.34 | 19.53 | 19.18 | 20.74 |
| EDGE 4 Tx slots | 21.76 | 21.80 | 21.52 | 23.00 | 18.76 | 18.80 | 18.52 | 20.00 |
| Ant 2 | | | | | | | | |
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.16 | 29.31 | 29.70 | 30.50 | 20.16 | 20.31 | 20.70 | 21.50 |
| GPRS 1 Tx slot | 29.17 | 29.36 | 29.72 | 30.50 | 20.17 | 20.36 | 20.72 | 21.50 |
| GPRS 2 Tx slots | 28.51 | 29.00 | 28.72 | 29.70 | 22.51 | 23.00 | 22.72 | 23.70 |
| GPRS 3 Tx slots | 27.04 | 27.21 | 27.20 | 28.00 | 22.78 | 22.95 | 22.94 | 23.74 |
| GPRS 4 Tx slots | 26.17 | 26.00 | 26.37 | 27.00 | 23.17 | 23.00 | 23.37 | 24.00 |
| EDGE 1 Tx slot | 25.53 | 25.80 | 25.80 | 26.50 | 16.53 | 16.80 | 16.80 | 17.50 |
| EDGE 2 Tx slots | 24.91 | 25.30 | 25.21 | 26.00 | 18.91 | 19.30 | 19.21 | 20.00 |
| EDGE 3 Tx slots | 23.67 | 24.19 | 23.96 | 25.00 | 19.41 | 19.93 | 19.70 | 20.74 |
| EDGE 4 Tx slots | 22.96 | 23.31 | 23.20 | 24.00 | 19.96 | 20.31 | 20.20 | 21.00 |

| Ant 1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 31.47 | 31.31 | 31.04 | 32.20 | 22.47 | 22.31 | 22.04 | 23.20 |
| GPRS 1 Tx slot | 31.51 | 31.34 | 31.08 | 32.20 | 22.51 | 22.34 | 22.08 | 23.20 |
| GPRS 2 Tx slots | 30.46 | 30.22 | 30.20 | 31.20 | 24.46 | 24.22 | 24.20 | 25.20 |
| GPRS 3 Tx slots | 28.37 | 28.16 | 28.05 | 29.20 | 24.11 | 23.90 | 23.79 | 24.94 |
| GPRS 4 Tx slots | 27.38 | 27.27 | 27.36 | 28.20 | 24.38 | 24.27 | 24.36 | 25.20 |
| EDGE 1 Tx slot | 24.93 | 24.90 | 24.60 | 26.50 | 15.93 | 15.90 | 15.60 | 17.50 |
| EDGE 2 Tx slots | 24.64 | 24.70 | 24.50 | 26.00 | 18.64 | 18.70 | 18.50 | 20.00 |
| EDGE 3 Tx slots | 22.91 | 22.83 | 22.86 | 24.00 | 18.65 | 18.57 | 18.60 | 19.74 |
| EDGE 4 Tx slots | 21.01 | 21.10 | 20.74 | 22.00 | 18.01 | 18.10 | 17.74 | 19.00 |
| | Ant 0 | | | | | | | |
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.00 | 29.20 | 29.39 | 30.20 | 20.00 | 20.20 | 20.39 | 21.20 |
| GPRS 1 Tx slot | 29.13 | 29.37 | 29.56 | 30.20 | 20.13 | 20.37 | 20.56 | 21.20 |
| GPRS 2 Tx slots | 28.50 | 28.78 | 28.68 | 29.70 | 22.50 | 22.78 | 22.68 | 23.70 |
| GPRS 3 Tx slots | 26.80 | 27.23 | 27.05 | 27.70 | 22.54 | 22.97 | 22.79 | 23.44 |
| GPRS 4 Tx slots | 25.51 | 25.84 | 25.63 | 26.70 | 22.51 | 22.84 | 22.63 | 23.70 |
| EDGE 1 Tx slot | 25.56 | 25.67 | 25.66 | 26.50 | 16.56 | 16.67 | 16.66 | 17.50 |
| EDGE 2 Tx slots | 24.74 | 24.95 | 25.06 | 26.00 | 18.74 | 18.95 | 19.06 | 20.00 |
| EDGE 3 Tx slots | 23.52 | 23.76 | 23.76 | 25.00 | 19.26 | 19.50 | 19.50 | 20.74 |
| EDGE 4 Tx slots | 22.59 | 22.89 | 22.55 | 24.00 | 19.59 | 19.89 | 19.55 | 21.00 |

| Ant 0 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.15 | 32.20 | 31.85 | 33.50 | 23.15 | 23.20 | 22.85 | 24.50 |
| GPRS 1 Tx slot | 32.18 | 32.22 | 31.86 | 33.50 | 23.18 | 23.22 | 22.86 | 24.50 |
| GPRS 2 Tx slots | 31.14 | 31.12 | 30.80 | 32.50 | 25.14 | 25.12 | 24.80 | 26.50 |
| GPRS 3 Tx slots | 29.04 | 29.11 | 29.03 | 30.50 | 24.78 | 24.85 | 24.77 | 26.24 |
| GPRS 4 Tx slots | 27.77 | 28.00 | 27.60 | 29.50 | 24.77 | 25.00 | 24.60 | 26.50 |
| EDGE 1 Tx slot | 25.62 | 25.59 | 25.53 | 27.50 | 16.62 | 16.59 | 16.53 | 18.50 |
| EDGE 2 Tx slots | 25.56 | 25.55 | 25.30 | 27.00 | 19.56 | 19.55 | 19.30 | 21.00 |
| EDGE 3 Tx slots | 23.60 | 23.79 | 23.44 | 25.00 | 19.34 | 19.53 | 19.18 | 20.74 |
| EDGE 4 Tx slots | 21.76 | 21.80 | 21.52 | 23.00 | 18.76 | 18.80 | 18.52 | 20.00 |
| | Ant 2 | | | | | | | |
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.16 | 29.31 | 29.70 | 30.50 | 20.16 | 20.31 | 20.70 | 21.50 |
| GPRS 1 Tx slot | 29.17 | 29.36 | 29.72 | 30.50 | 20.17 | 20.36 | 20.72 | 21.50 |
| GPRS 2 Tx slots | 28.51 | 29.00 | 28.72 | 29.70 | 22.51 | 23.00 | 22.72 | 23.70 |
| GPRS 3 Tx slots | 27.04 | 27.21 | 27.20 | 28.00 | 22.78 | 22.95 | 22.94 | 23.74 |
| GPRS 4 Tx slots | 26.17 | 26.00 | 26.37 | 27.00 | 23.17 | 23.00 | 23.37 | 24.00 |
| EDGE 1 Tx slot | 25.53 | 25.80 | 25.80 | 26.50 | 16.53 | 16.80 | 16.80 | 17.50 |
| EDGE 2 Tx slots | 24.91 | 25.30 | 25.21 | 26.00 | 18.91 | 19.30 | 19.21 | 20.00 |
| EDGE 3 Tx slots | 23.67 | 24.19 | 23.96 | 25.00 | 19.41 | 19.93 | 19.70 | 20.74 |
| EDGE 4 Tx slots | 22.96 | 23.31 | 23.20 | 24.00 | 19.96 | 20.31 | 20.20 | 21.00 |

| Ant 1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 31.47 | 31.31 | 31.04 | 32.20 | 22.47 | 22.31 | 22.04 | 23.20 |
| GPRS 1 Tx slot | 31.51 | 31.34 | 31.08 | 32.20 | 22.51 | 22.34 | 22.08 | 23.20 |
| GPRS 2 Tx slots | 30.46 | 30.22 | 30.20 | 31.20 | 24.46 | 24.22 | 24.20 | 25.20 |
| GPRS 3 Tx slots | 28.37 | 28.16 | 28.05 | 29.20 | 24.11 | 23.90 | 23.79 | 24.94 |
| GPRS 4 Tx slots | 27.38 | 27.27 | 27.36 | 28.20 | 24.38 | 24.27 | 24.36 | 25.20 |
| EDGE 1 Tx slot | 24.93 | 24.90 | 24.60 | 26.50 | 15.93 | 15.90 | 15.60 | 17.50 |
| EDGE 2 Tx slots | 24.64 | 24.70 | 24.50 | 26.00 | 18.64 | 18.70 | 18.50 | 20.00 |
| EDGE 3 Tx slots | 22.91 | 22.83 | 22.86 | 24.00 | 18.65 | 18.57 | 18.60 | 19.74 |
| EDGE 4 Tx slots | 21.01 | 21.10 | 20.74 | 22.00 | 18.01 | 18.10 | 17.74 | 19.00 |

| Ant 0 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.00 | 29.20 | 29.39 | 30.20 | 20.00 | 20.20 | 20.39 | 21.20 |
| GPRS 1 Tx slot | 29.13 | 29.37 | 29.56 | 30.20 | 20.13 | 20.37 | 20.56 | 21.20 |
| GPRS 2 Tx slots | 28.50 | 28.78 | 28.68 | 29.70 | 22.50 | 22.78 | 22.68 | 23.70 |
| GPRS 3 Tx slots | 26.80 | 27.23 | 27.05 | 27.70 | 22.54 | 22.97 | 22.79 | 23.44 |
| GPRS 4 Tx slots | 25.51 | 25.84 | 25.63 | 26.70 | 22.51 | 22.84 | 22.63 | 23.70 |
| EDGE 1 Tx slot | 25.56 | 25.67 | 25.66 | 26.50 | 16.56 | 16.67 | 16.66 | 17.50 |
| EDGE 2 Tx slots | 24.74 | 24.95 | 25.06 | 26.00 | 18.74 | 18.95 | 19.06 | 20.00 |
| EDGE 3 Tx slots | 23.52 | 23.76 | 23.76 | 25.00 | 19.26 | 19.50 | 19.50 | 20.74 |
| EDGE 4 Tx slots | 22.59 | 22.89 | 22.55 | 24.00 | 19.59 | 19.89 | 19.55 | 21.00 |

| Ant 0 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.15 | 32.20 | 31.85 | 33.50 | 23.15 | 23.20 | 22.85 | 24.50 |
| GPRS 1 Tx slot | 32.18 | 32.22 | 31.86 | 33.50 | 23.18 | 23.22 | 22.86 | 24.50 |
| GPRS 2 Tx slots | 31.14 | 31.12 | 30.80 | 32.50 | 25.14 | 25.12 | 24.80 | 26.50 |
| GPRS 3 Tx slots | 29.04 | 29.11 | 29.03 | 30.50 | 24.78 | 24.85 | 24.77 | 26.24 |
| GPRS 4 Tx slots | 27.77 | 28.00 | 27.60 | 29.50 | 24.77 | 25.00 | 24.60 | 26.50 |
| EDGE 1 Tx slot | 25.62 | 25.59 | 25.53 | 27.50 | 16.62 | 16.59 | 16.53 | 18.50 |
| EDGE 2 Tx slots | 25.56 | 25.55 | 25.30 | 27.00 | 19.56 | 19.55 | 19.30 | 21.00 |
| EDGE 3 Tx slots | 23.60 | 23.79 | 23.44 | 25.00 | 19.34 | 19.53 | 19.18 | 20.74 |
| EDGE 4 Tx slots | 21.76 | 21.80 | 21.52 | 23.00 | 18.76 | 18.80 | 18.52 | 20.00 |

| Ant 2 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.16 | 29.31 | 29.70 | 30.50 | 20.16 | 20.31 | 20.70 | 21.50 |
| GPRS 1 Tx slot | 29.17 | 29.36 | 29.72 | 30.50 | 20.17 | 20.36 | 20.72 | 21.50 |
| GPRS 2 Tx slots | 28.51 | 29.00 | 28.72 | 29.70 | 22.51 | 23.00 | 22.72 | 23.70 |
| GPRS 3 Tx slots | 27.04 | 27.21 | 27.20 | 28.00 | 22.78 | 22.95 | 22.94 | 23.74 |
| GPRS 4 Tx slots | 26.17 | 26.00 | 26.37 | 27.00 | 23.17 | 23.00 | 23.37 | 24.00 |
| EDGE 1 Tx slot | 25.53 | 25.80 | 25.80 | 26.50 | 16.53 | 16.80 | 16.80 | 17.50 |
| EDGE 2 Tx slots | 24.91 | 25.30 | 25.21 | 26.00 | 18.91 | 19.30 | 19.21 | 20.00 |
| EDGE 3 Tx slots | 23.67 | 24.19 | 23.96 | 25.00 | 19.41 | 19.93 | 19.70 | 20.74 |
| EDGE 4 Tx slots | 22.96 | 23.31 | 23.20 | 24.00 | 19.96 | 20.31 | 20.20 | 21.00 |

| Ant 1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 31.47 | 31.31 | 31.04 | 32.20 | 22.47 | 22.31 | 22.04 | 23.20 |
| GPRS 1 Tx slot | 31.51 | 31.34 | 31.08 | 32.20 | 22.51 | 22.34 | 22.08 | 23.20 |
| GPRS 2 Tx slots | 30.46 | 30.22 | 30.20 | 31.20 | 24.46 | 24.22 | 24.20 | 25.20 |
| GPRS 3 Tx slots | 28.37 | 28.16 | 28.05 | 29.20 | 24.11 | 23.90 | 23.79 | 24.94 |
| GPRS 4 Tx slots | 27.38 | 27.27 | 27.36 | 28.20 | 24.38 | 24.27 | 24.36 | 25.20 |
| EDGE 1 Tx slot | 24.93 | 24.90 | 24.60 | 26.50 | 15.93 | 15.90 | 15.60 | 17.50 |
| EDGE 2 Tx slots | 24.64 | 24.70 | 24.50 | 26.00 | 18.64 | 18.70 | 18.50 | 20.00 |
| EDGE 3 Tx slots | 22.91 | 22.83 | 22.86 | 24.00 | 18.65 | 18.57 | 18.60 | 19.74 |
| EDGE 4 Tx slots | 21.01 | 21.10 | 20.74 | 22.00 | 18.01 | 18.10 | 17.74 | 19.00 |
| | Ant 0 | | | | | | | |
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.00 | 29.20 | 29.39 | 30.20 | 20.00 | 20.20 | 20.39 | 21.20 |
| GPRS 1 Tx slot | 29.13 | 29.37 | 29.56 | 30.20 | 20.13 | 20.37 | 20.56 | 21.20 |
| GPRS 2 Tx slots | 28.50 | 28.78 | 28.68 | 29.70 | 22.50 | 22.78 | 22.68 | 23.70 |
| GPRS 3 Tx slots | 26.80 | 27.23 | 27.05 | 27.70 | 22.54 | 22.97 | 22.79 | 23.44 |
| GPRS 4 Tx slots | 25.51 | 25.84 | 25.63 | 26.70 | 22.51 | 22.84 | 22.63 | 23.70 |
| EDGE 1 Tx slot | 25.56 | 25.67 | 25.66 | 26.50 | 16.56 | 16.67 | 16.66 | 17.50 |
| EDGE 2 Tx slots | 24.74 | 24.95 | 25.06 | 26.00 | 18.74 | 18.95 | 19.06 | 20.00 |
| EDGE 3 Tx slots | 23.52 | 23.76 | 23.76 | 25.00 | 19.26 | 19.50 | 19.50 | 20.74 |
| EDGE 4 Tx slots | 22.59 | 22.89 | 22.55 | 24.00 | 19.59 | 19.89 | 19.55 | 21.00 |

| Ant 0 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.15 | 32.20 | 31.85 | 33.50 | 23.15 | 23.20 | 22.85 | 24.50 |
| GPRS 1 Tx slot | 32.18 | 32.22 | 31.86 | 33.50 | 23.18 | 23.22 | 22.86 | 24.50 |
| GPRS 2 Tx slots | 31.14 | 31.12 | 30.80 | 32.50 | 25.14 | 25.12 | 24.80 | 26.50 |
| GPRS 3 Tx slots | 29.04 | 29.11 | 29.03 | 30.50 | 24.78 | 24.85 | 24.77 | 26.24 |
| GPRS 4 Tx slots | 27.77 | 28.00 | 27.60 | 29.50 | 24.77 | 25.00 | 24.60 | 26.50 |
| EDGE 1 Tx slot | 25.62 | 25.59 | 25.53 | 27.50 | 16.62 | 16.59 | 16.53 | 18.50 |
| EDGE 2 Tx slots | 25.56 | 25.55 | 25.30 | 27.00 | 19.56 | 19.55 | 19.30 | 21.00 |
| EDGE 3 Tx slots | 23.60 | 23.79 | 23.44 | 25.00 | 19.34 | 19.53 | 19.18 | 20.74 |
| EDGE 4 Tx slots | 21.76 | 21.80 | 21.52 | 23.00 | 18.76 | 18.80 | 18.52 | 20.00 |
| Ant 2 | | | | | | | | |
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.16 | 29.31 | 29.70 | 30.50 | 20.16 | 20.31 | 20.70 | 21.50 |
| GPRS 1 Tx slot | 29.17 | 29.36 | 29.72 | 30.50 | 20.17 | 20.36 | 20.72 | 21.50 |
| GPRS 2 Tx slots | 28.51 | 29.00 | 28.72 | 29.70 | 22.51 | 23.00 | 22.72 | 23.70 |
| GPRS 3 Tx slots | 27.04 | 27.21 | 27.20 | 28.00 | 22.78 | 22.95 | 22.94 | 23.74 |
| GPRS 4 Tx slots | 26.17 | 26.00 | 26.37 | 27.00 | 23.17 | 23.00 | 23.37 | 24.00 |
| EDGE 1 Tx slot | 25.53 | 25.80 | 25.80 | 26.50 | 16.53 | 16.80 | 16.80 | 17.50 |
| EDGE 2 Tx slots | 24.91 | 25.30 | 25.21 | 26.00 | 18.91 | 19.30 | 19.21 | 20.00 |
| EDGE 3 Tx slots | 23.67 | 24.19 | 23.96 | 25.00 | 19.41 | 19.93 | 19.70 | 20.74 |
| EDGE 4 Tx slots | 22.96 | 23.31 | 23.20 | 24.00 | 19.96 | 20.31 | 20.20 | 21.00 |

| Ant 1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 31.47 | 31.31 | 31.04 | 32.20 | 22.47 | 22.31 | 22.04 | 23.20 |
| GPRS 1 Tx slot | 31.51 | 31.34 | 31.08 | 32.20 | 22.51 | 22.34 | 22.08 | 23.20 |
| GPRS 2 Tx slots | 30.46 | 30.22 | 30.20 | 31.20 | 24.46 | 24.22 | 24.20 | 25.20 |
| GPRS 3 Tx slots | 28.37 | 28.16 | 28.05 | 29.20 | 24.11 | 23.90 | 23.79 | 24.94 |
| GPRS 4 Tx slots | 27.38 | 27.27 | 27.36 | 28.20 | 24.38 | 24.27 | 24.36 | 25.20 |
| EDGE 1 Tx slot | 24.93 | 24.90 | 24.60 | 26.50 | 15.93 | 15.90 | 15.60 | 17.50 |
| EDGE 2 Tx slots | 24.64 | 24.70 | 24.50 | 26.00 | 18.64 | 18.70 | 18.50 | 20.00 |
| EDGE 3 Tx slots | 22.91 | 22.83 | 22.86 | 24.00 | 18.65 | 18.57 | 18.60 | 19.74 |
| EDGE 4 Tx slots | 21.01 | 21.10 | 20.74 | 22.00 | 18.01 | 18.10 | 17.74 | 19.00 |

| Ant 0 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.00 | 29.20 | 29.39 | 30.20 | 20.00 | 20.20 | 20.39 | 21.20 |
| GPRS 1 Tx slot | 29.13 | 29.37 | 29.56 | 30.20 | 20.13 | 20.37 | 20.56 | 21.20 |
| GPRS 2 Tx slots | 28.50 | 28.78 | 28.68 | 29.70 | 22.50 | 22.78 | 22.68 | 23.70 |
| GPRS 3 Tx slots | 26.80 | 27.23 | 27.05 | 27.70 | 22.54 | 22.97 | 22.79 | 23.44 |
| GPRS 4 Tx slots | 25.51 | 25.84 | 25.63 | 26.70 | 22.51 | 22.84 | 22.63 | 23.70 |
| EDGE 1 Tx slot | 25.56 | 25.67 | 25.66 | 26.50 | 16.56 | 16.67 | 16.66 | 17.50 |
| EDGE 2 Tx slots | 24.74 | 24.95 | 25.06 | 26.00 | 18.74 | 18.95 | 19.06 | 20.00 |
| EDGE 3 Tx slots | 23.52 | 23.76 | 23.76 | 25.00 | 19.26 | 19.50 | 19.50 | 20.74 |
| EDGE 4 Tx slots | 22.59 | 22.89 | 22.55 | 24.00 | 19.59 | 19.89 | 19.55 | 21.00 |

| | | Ant 2 | | | | Ant 2 | | | | Ant 0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.56 | 24.76 | 24.90 | 25.70 | 24.75 | 24.81 | 24.79 | 25.70 | 24.02 | 24.16 | 24.10 | 25.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.59 | 24.77 | 24.92 | 25.70 | 24.77 | 24.87 | 24.81 | 25.70 | 24.08 | 24.17 | 24.16 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.50 | 24.48 | 23.85 | 24.70 | 23.83 | 23.60 | 23.47 | 24.70 | 23.09 | 23.22 | 23.21 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.44 | 24.42 | 23.80 | 24.70 | 23.82 | 23.57 | 23.51 | 24.70 | 23.10 | 23.23 | 23.26 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.99 | 23.99 | 23.33 | 24.20 | 23.37 | 23.11 | 23.04 | 24.20 | 22.64 | 22.73 | 22.70 | 24.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.99 | 23.91 | 23.29 | 24.20 | 23.28 | 23.11 | 23.04 | 24.20 | 22.61 | 22.76 | 22.67 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.43 | 24.39 | 23.79 | 24.70 | 23.76 | 23.55 | 23.46 | 24.70 | 22.99 | 23.22 | 23.16 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.34 | 24.37 | 23.72 | 24.70 | 23.80 | 23.55 | 23.49 | 24.70 | 23.02 | 23.17 | 23.20 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.90 | 23.99 | 23.26 | 24.20 | 23.28 | 23.02 | 22.98 | 24.20 | 22.58 | 22.66 | 22.64 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.94 | 23.87 | 23.26 | 24.20 | 23.25 | 23.10 | 22.98 | 24.20 | 22.54 | 22.76 | 22.57 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.42 | 24.45 | 23.86 | 24.70 | 23.81 | 23.62 | 23.57 | 24.70 | 23.11 | 23.17 | 23.20 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.44 | 22.45 | 21.81 | 22.70 | 21.80 | 21.54 | 21.49 | 22.70 | 21.15 | 21.19 | 21.21 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.47 | 23.50 | 22.81 | 23.70 | 22.86 | 22.59 | 22.51 | 23.70 | 22.15 | 22.17 | 22.19 | 23.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.45 | 22.43 | 21.82 | 22.70 | 21.87 | 21.56 | 21.52 | 22.70 | 21.13 | 21.23 | 21.19 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.47 | 24.40 | 23.79 | 24.70 | 23.87 | 23.56 | 23.57 | 24.70 | 23.15 | 23.17 | 23.19 | 24.70 |

| | | Ant 0 | | | | Ant 0 | | | | Ant 1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.70 | 23.90 | 23.97 | 25.50 | 23.88 | 23.92 | 23.87 | 25.50 | 23.53 | 23.60 | 23.47 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 23.75 | 23.79 | 23.98 | 25.50 | 23.89 | 24.01 | 23.97 | 25.50 | 23.57 | 23.62 | 23.57 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.83 | 22.99 | 23.08 | 24.50 | 23.02 | 23.07 | 23.04 | 24.50 | 22.66 | 22.73 | 22.63 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.81 | 22.96 | 22.81 | 24.50 | 23.03 | 23.06 | 22.98 | 24.50 | 22.69 | 22.68 | 22.65 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.33 | 22.45 | 22.59 | 24.00 | 22.51 | 22.58 | 22.51 | 24.00 | 22.17 | 21.87 | 22.16 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.30 | 22.45 | 22.60 | 24.00 | 22.53 | 22.55 | 22.49 | 24.00 | 22.15 | 22.20 | 22.15 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.83 | 22.98 | 23.07 | 24.50 | 22.93 | 23.02 | 23.04 | 24.50 | 22.57 | 22.65 | 22.57 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.73 | 22.91 | 22.81 | 24.50 | 22.95 | 23.01 | 22.90 | 24.50 | 22.64 | 22.65 | 22.61 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.29 | 22.35 | 22.51 | 24.00 | 22.44 | 22.48 | 22.42 | 24.00 | 22.16 | 21.81 | 22.07 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.26 | 22.43 | 22.53 | 24.00 | 22.50 | 22.47 | 22.40 | 24.00 | 22.11 | 22.15 | 22.14 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.82 | 23.03 | 23.07 | 24.50 | 23.05 | 23.11 | 23.00 | 24.50 | 22.62 | 22.68 | 22.66 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.84 | 20.98 | 21.06 | 22.50 | 21.01 | 21.07 | 21.04 | 22.50 | 20.62 | 20.73 | 20.69 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.83 | 21.97 | 22.07 | 23.50 | 22.04 | 22.04 | 21.97 | 23.50 | 21.62 | 21.69 | 21.62 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.81 | 20.92 | 21.07 | 22.50 | 21.07 | 21.08 | 20.98 | 22.50 | 20.64 | 20.72 | 20.63 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.80 | 22.90 | 23.10 | 24.50 | 23.00 | 23.10 | 23.00 | 24.50 | 22.60 | 22.70 | 22.60 | 24.00 |

| | | Ant 2 | | | | Ant 2 | | | | Ant 0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.56 | 24.76 | 24.90 | 25.70 | 24.75 | 24.81 | 24.79 | 25.70 | 24.02 | 24.16 | 24.10 | 25.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.59 | 24.77 | 24.92 | 25.70 | 24.77 | 24.87 | 24.81 | 25.70 | 24.08 | 24.17 | 24.16 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.50 | 24.48 | 23.85 | 24.70 | 23.83 | 23.60 | 23.47 | 24.70 | 23.09 | 23.22 | 23.21 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.44 | 24.42 | 23.80 | 24.70 | 23.82 | 23.57 | 23.51 | 24.70 | 23.10 | 23.23 | 23.26 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.99 | 23.99 | 23.33 | 24.20 | 23.37 | 23.11 | 23.04 | 24.20 | 22.64 | 22.73 | 22.70 | 24.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.99 | 23.91 | 23.29 | 24.20 | 23.28 | 23.11 | 23.04 | 24.20 | 22.61 | 22.76 | 22.67 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.43 | 24.39 | 23.79 | 24.70 | 23.76 | 23.55 | 23.46 | 24.70 | 22.99 | 23.22 | 23.16 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.34 | 24.37 | 23.72 | 24.70 | 23.80 | 23.55 | 23.49 | 24.70 | 23.02 | 23.17 | 23.20 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.90 | 23.99 | 23.26 | 24.20 | 23.28 | 23.02 | 22.98 | 24.20 | 22.58 | 22.66 | 22.64 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.94 | 23.87 | 23.26 | 24.20 | 23.25 | 23.10 | 22.98 | 24.20 | 22.54 | 22.76 | 22.57 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.42 | 24.45 | 23.86 | 24.70 | 23.81 | 23.62 | 23.57 | 24.70 | 23.11 | 23.17 | 23.20 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.44 | 22.45 | 21.81 | 22.70 | 21.80 | 21.54 | 21.49 | 22.70 | 21.15 | 21.19 | 21.21 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.47 | 23.50 | 22.81 | 23.70 | 22.86 | 22.59 | 22.51 | 23.70 | 22.15 | 22.17 | 22.19 | 23.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.45 | 22.43 | 21.82 | 22.70 | 21.87 | 21.56 | 21.52 | 22.70 | 21.13 | 21.23 | 21.19 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.47 | 24.40 | 23.79 | 24.70 | 23.87 | 23.56 | 23.57 | 24.70 | 23.15 | 23.17 | 23.19 | 24.70 |

| | | Ant 0 | | | | Ant 0 | | | | Ant 1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.70 | 23.90 | 23.97 | 25.50 | 23.88 | 23.92 | 23.87 | 25.50 | 23.53 | 23.60 | 23.47 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 23.75 | 23.79 | 23.98 | 25.50 | 23.89 | 24.01 | 23.97 | 25.50 | 23.57 | 23.62 | 23.57 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.83 | 22.99 | 23.08 | 24.50 | 23.02 | 23.07 | 23.04 | 24.50 | 22.66 | 22.73 | 22.63 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.81 | 22.96 | 22.81 | 24.50 | 23.03 | 23.06 | 22.98 | 24.50 | 22.69 | 22.68 | 22.65 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.33 | 22.45 | 22.59 | 24.00 | 22.51 | 22.58 | 22.51 | 24.00 | 22.17 | 21.87 | 22.16 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.30 | 22.45 | 22.60 | 24.00 | 22.53 | 22.55 | 22.49 | 24.00 | 22.15 | 22.20 | 22.15 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.83 | 22.98 | 23.07 | 24.50 | 22.93 | 23.02 | 23.04 | 24.50 | 22.57 | 22.65 | 22.57 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.73 | 22.91 | 22.81 | 24.50 | 22.95 | 23.01 | 22.90 | 24.50 | 22.64 | 22.65 | 22.61 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.29 | 22.35 | 22.51 | 24.00 | 22.44 | 22.48 | 22.42 | 24.00 | 22.16 | 21.81 | 22.07 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.26 | 22.43 | 22.53 | 24.00 | 22.50 | 22.47 | 22.40 | 24.00 | 22.11 | 22.15 | 22.14 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.82 | 23.03 | 23.07 | 24.50 | 23.05 | 23.11 | 23.00 | 24.50 | 22.62 | 22.68 | 22.66 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.84 | 20.98 | 21.06 | 22.50 | 21.01 | 21.07 | 21.04 | 22.50 | 20.62 | 20.73 | 20.69 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.83 | 21.97 | 22.07 | 23.50 | 22.04 | 22.04 | 21.97 | 23.50 | 21.62 | 21.69 | 21.62 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.81 | 20.92 | 21.07 | 22.50 | 21.07 | 21.08 | 20.98 | 22.50 | 20.64 | 20.72 | 20.63 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.80 | 22.90 | 23.10 | 24.50 | 23.00 | 23.10 | 23.00 | 24.50 | 22.60 | 22.70 | 22.60 | 24.00 |

| | | Ant 2 | | | | Ant 2 | | | | Ant 0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.56 | 24.76 | 24.90 | 25.70 | 24.75 | 24.81 | 24.79 | 25.70 | 24.02 | 24.16 | 24.10 | 25.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.59 | 24.77 | 24.92 | 25.70 | 24.77 | 24.87 | 24.81 | 25.70 | 24.08 | 24.17 | 24.16 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.50 | 24.48 | 23.85 | 24.70 | 23.83 | 23.60 | 23.47 | 24.70 | 23.09 | 23.22 | 23.21 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.44 | 24.42 | 23.80 | 24.70 | 23.82 | 23.57 | 23.51 | 24.70 | 23.10 | 23.23 | 23.26 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.99 | 23.99 | 23.33 | 24.20 | 23.37 | 23.11 | 23.04 | 24.20 | 22.64 | 22.73 | 22.70 | 24.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.99 | 23.91 | 23.29 | 24.20 | 23.28 | 23.11 | 23.04 | 24.20 | 22.61 | 22.76 | 22.67 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.43 | 24.39 | 23.79 | 24.70 | 23.76 | 23.55 | 23.46 | 24.70 | 22.99 | 23.22 | 23.16 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.34 | 24.37 | 23.72 | 24.70 | 23.80 | 23.55 | 23.49 | 24.70 | 23.02 | 23.17 | 23.20 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.90 | 23.99 | 23.26 | 24.20 | 23.28 | 23.02 | 22.98 | 24.20 | 22.58 | 22.66 | 22.64 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.94 | 23.87 | 23.26 | 24.20 | 23.25 | 23.10 | 22.98 | 24.20 | 22.54 | 22.76 | 22.57 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.42 | 24.45 | 23.86 | 24.70 | 23.81 | 23.62 | 23.57 | 24.70 | 23.11 | 23.17 | 23.20 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.44 | 22.45 | 21.81 | 22.70 | 21.80 | 21.54 | 21.49 | 22.70 | 21.15 | 21.19 | 21.21 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.47 | 23.50 | 22.81 | 23.70 | 22.86 | 22.59 | 22.51 | 23.70 | 22.15 | 22.17 | 22.19 | 23.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.45 | 22.43 | 21.82 | 22.70 | 21.87 | 21.56 | 21.52 | 22.70 | 21.13 | 21.23 | 21.19 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.47 | 24.40 | 23.79 | 24.70 | 23.87 | 23.56 | 23.57 | 24.70 | 23.15 | 23.17 | 23.19 | 24.70 |

| | | Ant 0 | | | | Ant 0 | | | | Ant 1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.70 | 23.90 | 23.97 | 25.50 | 23.88 | 23.92 | 23.87 | 25.50 | 23.53 | 23.60 | 23.47 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 23.75 | 23.79 | 23.98 | 25.50 | 23.89 | 24.01 | 23.97 | 25.50 | 23.57 | 23.62 | 23.57 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.83 | 22.99 | 23.08 | 24.50 | 23.02 | 23.07 | 23.04 | 24.50 | 22.66 | 22.73 | 22.63 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.81 | 22.96 | 22.81 | 24.50 | 23.03 | 23.06 | 22.98 | 24.50 | 22.69 | 22.68 | 22.65 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.33 | 22.45 | 22.59 | 24.00 | 22.51 | 22.58 | 22.51 | 24.00 | 22.17 | 21.87 | 22.16 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.30 | 22.45 | 22.60 | 24.00 | 22.53 | 22.55 | 22.49 | 24.00 | 22.15 | 22.20 | 22.15 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.83 | 22.98 | 23.07 | 24.50 | 22.93 | 23.02 | 23.04 | 24.50 | 22.57 | 22.65 | 22.57 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.73 | 22.91 | 22.81 | 24.50 | 22.95 | 23.01 | 22.90 | 24.50 | 22.64 | 22.65 | 22.61 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.29 | 22.35 | 22.51 | 24.00 | 22.44 | 22.48 | 22.42 | 24.00 | 22.16 | 21.81 | 22.07 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.26 | 22.43 | 22.53 | 24.00 | 22.50 | 22.47 | 22.40 | 24.00 | 22.11 | 22.15 | 22.14 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.82 | 23.03 | 23.07 | 24.50 | 23.05 | 23.11 | 23.00 | 24.50 | 22.62 | 22.68 | 22.66 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.84 | 20.98 | 21.06 | 22.50 | 21.01 | 21.07 | 21.04 | 22.50 | 20.62 | 20.73 | 20.69 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.83 | 21.97 | 22.07 | 23.50 | 22.04 | 22.04 | 21.97 | 23.50 | 21.62 | 21.69 | 21.62 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.81 | 20.92 | 21.07 | 22.50 | 21.07 | 21.08 | 20.98 | 22.50 | 20.64 | 20.72 | 20.63 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.80 | 22.90 | 23.10 | 24.50 | 23.00 | 23.10 | 23.00 | 24.50 | 22.60 | 22.70 | 22.60 | 24.00 |

| | | Ant 2 | | | | Ant 2 | | | | Ant 0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.06 | 24.31 | 24.46 | 25.70 | 23.74 | 23.83 | 23.69 | 25.20 | 24.02 | 24.16 | 24.10 | 25.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.13 | 24.37 | 24.49 | 25.70 | 23.75 | 23.84 | 23.76 | 25.20 | 24.08 | 24.17 | 24.16 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.14 | 23.39 | 23.47 | 24.70 | 22.82 | 22.88 | 22.77 | 24.20 | 23.09 | 23.22 | 23.21 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.15 | 23.39 | 23.50 | 24.70 | 22.80 | 22.86 | 22.77 | 24.20 | 23.10 | 23.23 | 23.26 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.66 | 22.89 | 22.96 | 24.20 | 22.31 | 22.36 | 22.27 | 23.70 | 22.64 | 22.73 | 22.70 | 24.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.64 | 22.89 | 22.98 | 24.20 | 22.30 | 22.40 | 22.26 | 23.70 | 22.61 | 22.76 | 22.67 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.04 | 23.36 | 23.43 | 24.70 | 22.82 | 22.79 | 22.74 | 24.20 | 22.99 | 23.22 | 23.16 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.15 | 23.34 | 23.49 | 24.70 | 22.74 | 22.84 | 22.71 | 24.20 | 23.02 | 23.17 | 23.20 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.66 | 22.81 | 22.91 | 24.20 | 22.27 | 22.30 | 22.27 | 23.70 | 22.58 | 22.66 | 22.64 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.61 | 22.85 | 22.95 | 24.20 | 22.23 | 22.32 | 22.16 | 23.70 | 22.54 | 22.76 | 22.57 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.18 | 23.42 | 23.47 | 24.70 | 22.80 | 22.84 | 22.79 | 24.20 | 23.11 | 23.17 | 23.20 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.16 | 21.35 | 21.46 | 22.70 | 20.85 | 20.92 | 20.77 | 22.20 | 21.15 | 21.19 | 21.21 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.13 | 22.45 | 22.46 | 23.70 | 21.80 | 21.81 | 21.77 | 23.20 | 22.15 | 22.17 | 22.19 | 23.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.15 | 21.42 | 21.45 | 22.70 | 20.80 | 20.87 | 20.79 | 22.20 | 21.13 | 21.23 | 21.19 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.20 | 23.40 | 23.40 | 24.70 | 22.80 | 22.90 | 22.80 | 24.20 | 23.15 | 23.17 | 23.19 | 24.70 |

| | | Ant 0 | | | | Ant 0 | | | | Ant 1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.70 | 23.90 | 23.97 | 25.50 | 23.88 | 23.92 | 23.87 | 25.50 | 23.53 | 23.60 | 23.47 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 23.75 | 23.79 | 23.98 | 25.50 | 23.89 | 24.01 | 23.97 | 25.50 | 23.57 | 23.62 | 23.57 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.83 | 22.99 | 23.08 | 24.50 | 23.02 | 23.07 | 23.04 | 24.50 | 22.66 | 22.73 | 22.63 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.81 | 22.96 | 22.81 | 24.50 | 23.03 | 23.06 | 22.98 | 24.50 | 22.69 | 22.68 | 22.65 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.33 | 22.45 | 22.59 | 24.00 | 22.51 | 22.58 | 22.51 | 24.00 | 22.17 | 21.87 | 22.16 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.30 | 22.45 | 22.60 | 24.00 | 22.53 | 22.55 | 22.49 | 24.00 | 22.15 | 22.20 | 22.15 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.83 | 22.98 | 23.07 | 24.50 | 22.93 | 23.02 | 23.04 | 24.50 | 22.57 | 22.65 | 22.57 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.73 | 22.91 | 22.81 | 24.50 | 22.95 | 23.01 | 22.90 | 24.50 | 22.64 | 22.65 | 22.61 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.29 | 22.35 | 22.51 | 24.00 | 22.44 | 22.48 | 22.42 | 24.00 | 22.16 | 21.81 | 22.07 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.26 | 22.43 | 22.53 | 24.00 | 22.50 | 22.47 | 22.40 | 24.00 | 22.11 | 22.15 | 22.14 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.82 | 23.03 | 23.07 | 24.50 | 23.05 | 23.11 | 23.00 | 24.50 | 22.62 | 22.68 | 22.66 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.84 | 20.98 | 21.06 | 22.50 | 21.01 | 21.07 | 21.04 | 22.50 | 20.62 | 20.73 | 20.69 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.83 | 21.97 | 22.07 | 23.50 | 22.04 | 22.04 | 21.97 | 23.50 | 21.62 | 21.69 | 21.62 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.81 | 20.92 | 21.07 | 22.50 | 21.07 | 21.08 | 20.98 | 22.50 | 20.64 | 20.72 | 20.63 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.80 | 22.90 | 23.10 | 24.50 | 23.00 | 23.10 | 23.00 | 24.50 | 22.60 | 22.70 | 22.60 | 24.00 |

| | | Ant 2 | | | | Ant 2 | | | | Ant 0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.06 | 24.31 | 24.46 | 24.90 | 23.74 | 23.83 | 23.69 | 24.60 | 24.02 | 24.16 | 24.10 | 25.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.13 | 24.37 | 24.49 | 24.90 | 23.75 | 23.84 | 23.76 | 24.60 | 24.08 | 24.17 | 24.16 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.14 | 23.39 | 23.47 | 23.90 | 22.82 | 22.88 | 22.77 | 23.60 | 23.09 | 23.22 | 23.21 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.15 | 23.39 | 23.50 | 23.90 | 22.80 | 22.86 | 22.77 | 23.60 | 23.10 | 23.23 | 23.26 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.66 | 22.89 | 22.96 | 23.40 | 22.31 | 22.36 | 22.27 | 23.10 | 22.64 | 22.73 | 22.70 | 24.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.64 | 22.89 | 22.98 | 23.40 | 22.30 | 22.40 | 22.26 | 23.10 | 22.61 | 22.76 | 22.67 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.04 | 23.36 | 23.43 | 23.90 | 22.82 | 22.79 | 22.74 | 23.60 | 22.99 | 23.22 | 23.16 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.15 | 23.34 | 23.49 | 23.90 | 22.74 | 22.84 | 22.71 | 23.60 | 23.02 | 23.17 | 23.20 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.66 | 22.81 | 22.91 | 23.40 | 22.27 | 22.30 | 22.27 | 23.10 | 22.58 | 22.66 | 22.64 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.61 | 22.85 | 22.95 | 23.40 | 22.23 | 22.32 | 22.16 | 23.10 | 22.54 | 22.76 | 22.57 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.18 | 23.42 | 23.47 | 23.90 | 22.80 | 22.84 | 22.79 | 23.60 | 23.11 | 23.17 | 23.20 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.16 | 21.35 | 21.46 | 21.90 | 20.85 | 20.92 | 20.77 | 21.60 | 21.15 | 21.19 | 21.21 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.13 | 22.45 | 22.46 | 22.90 | 21.80 | 21.81 | 21.77 | 22.60 | 22.15 | 22.17 | 22.19 | 23.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.15 | 21.42 | 21.45 | 21.90 | 20.80 | 20.87 | 20.79 | 21.60 | 21.13 | 21.23 | 21.19 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.20 | 23.40 | 23.40 | 23.90 | 22.80 | 22.90 | 22.80 | 23.60 | 23.15 | 23.17 | 23.19 | 24.70 |

| | | Ant 0 | | | | Ant 0 | | | | Ant 1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.70 | 23.90 | 23.97 | 25.50 | 23.88 | 23.92 | 23.87 | 25.50 | 23.53 | 23.60 | 23.47 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 23.75 | 23.79 | 23.98 | 25.50 | 23.89 | 24.01 | 23.97 | 25.50 | 23.57 | 23.62 | 23.57 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.83 | 22.99 | 23.08 | 24.50 | 23.02 | 23.07 | 23.04 | 24.50 | 22.66 | 22.73 | 22.63 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.81 | 22.96 | 22.81 | 24.50 | 23.03 | 23.06 | 22.98 | 24.50 | 22.69 | 22.68 | 22.65 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.33 | 22.45 | 22.59 | 24.00 | 22.51 | 22.58 | 22.51 | 24.00 | 22.17 | 21.87 | 22.16 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.30 | 22.45 | 22.60 | 24.00 | 22.53 | 22.55 | 22.49 | 24.00 | 22.15 | 22.20 | 22.15 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.83 | 22.98 | 23.07 | 24.50 | 22.93 | 23.02 | 23.04 | 24.50 | 22.57 | 22.65 | 22.57 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.73 | 22.91 | 22.81 | 24.50 | 22.95 | 23.01 | 22.90 | 24.50 | 22.64 | 22.65 | 22.61 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.29 | 22.35 | 22.51 | 24.00 | 22.44 | 22.48 | 22.42 | 24.00 | 22.16 | 21.81 | 22.07 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.26 | 22.43 | 22.53 | 24.00 | 22.50 | 22.47 | 22.40 | 24.00 | 22.11 | 22.15 | 22.14 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.82 | 23.03 | 23.07 | 24.50 | 23.05 | 23.11 | 23.00 | 24.50 | 22.62 | 22.68 | 22.66 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.84 | 20.98 | 21.06 | 22.50 | 21.01 | 21.07 | 21.04 | 22.50 | 20.62 | 20.73 | 20.69 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.83 | 21.97 | 22.07 | 23.50 | 22.04 | 22.04 | 21.97 | 23.50 | 21.62 | 21.69 | 21.62 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.81 | 20.92 | 21.07 | 22.50 | 21.07 | 21.08 | 20.98 | 22.50 | 20.64 | 20.72 | 20.63 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.80 | 22.90 | 23.10 | 24.50 | 23.00 | 23.10 | 23.00 | 24.50 | 22.60 | 22.70 | 22.60 | 24.00 |

| | | Ant 2 | | | | Ant 2 | | | | Ant 0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.06 | 24.31 | 24.46 | 24.90 | 23.74 | 23.83 | 23.69 | 24.40 | 24.02 | 24.16 | 24.10 | 25.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.13 | 24.37 | 24.49 | 24.90 | 23.75 | 23.84 | 23.76 | 24.40 | 24.08 | 24.17 | 24.16 | 25.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.14 | 23.39 | 23.47 | 23.90 | 22.82 | 22.88 | 22.77 | 23.40 | 23.09 | 23.22 | 23.21 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.15 | 23.39 | 23.50 | 23.90 | 22.80 | 22.86 | 22.77 | 23.40 | 23.10 | 23.23 | 23.26 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.66 | 22.89 | 22.96 | 23.40 | 22.31 | 22.36 | 22.27 | 22.90 | 22.64 | 22.73 | 22.70 | 24.20 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.64 | 22.89 | 22.98 | 23.40 | 22.30 | 22.40 | 22.26 | 22.90 | 22.61 | 22.76 | 22.67 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.04 | 23.36 | 23.43 | 23.90 | 22.82 | 22.79 | 22.74 | 23.40 | 22.99 | 23.22 | 23.16 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.15 | 23.34 | 23.49 | 23.90 | 22.74 | 22.84 | 22.71 | 23.40 | 23.02 | 23.17 | 23.20 | 24.70 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.66 | 22.81 | 22.91 | 23.40 | 22.27 | 22.30 | 22.27 | 22.90 | 22.58 | 22.66 | 22.64 | 24.20 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.61 | 22.85 | 22.95 | 23.40 | 22.23 | 22.32 | 22.16 | 22.90 | 22.54 | 22.76 | 22.57 | 24.20 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.18 | 23.42 | 23.47 | 23.90 | 22.80 | 22.84 | 22.79 | 23.40 | 23.11 | 23.17 | 23.20 | 24.70 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.16 | 21.35 | 21.46 | 21.90 | 20.85 | 20.92 | 20.77 | 21.40 | 21.15 | 21.19 | 21.21 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.13 | 22.45 | 22.46 | 22.90 | 21.80 | 21.81 | 21.77 | 22.40 | 22.15 | 22.17 | 22.19 | 23.70 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.15 | 21.42 | 21.45 | 21.90 | 20.80 | 20.87 | 20.79 | 21.40 | 21.13 | 21.23 | 21.19 | 22.70 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.20 | 23.40 | 23.40 | 23.90 | 22.80 | 22.90 | 22.80 | 23.40 | 23.15 | 23.17 | 23.19 | 24.70 |

| | | Ant 0 | | | | Ant 0 | | | | Ant 1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.70 | 23.90 | 23.97 | 25.50 | 23.88 | 23.92 | 23.87 | 25.50 | 23.53 | 23.60 | 23.47 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 23.75 | 23.79 | 23.98 | 25.50 | 23.89 | 24.01 | 23.97 | 25.50 | 23.57 | 23.62 | 23.57 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.83 | 22.99 | 23.08 | 24.50 | 23.02 | 23.07 | 23.04 | 24.50 | 22.66 | 22.73 | 22.63 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.81 | 22.96 | 22.81 | 24.50 | 23.03 | 23.06 | 22.98 | 24.50 | 22.69 | 22.68 | 22.65 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.33 | 22.45 | 22.59 | 24.00 | 22.51 | 22.58 | 22.51 | 24.00 | 22.17 | 21.87 | 22.16 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.30 | 22.45 | 22.60 | 24.00 | 22.53 | 22.55 | 22.49 | 24.00 | 22.15 | 22.20 | 22.15 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.83 | 22.98 | 23.07 | 24.50 | 22.93 | 23.02 | 23.04 | 24.50 | 22.57 | 22.65 | 22.57 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.73 | 22.91 | 22.81 | 24.50 | 22.95 | 23.01 | 22.90 | 24.50 | 22.64 | 22.65 | 22.61 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.29 | 22.35 | 22.51 | 24.00 | 22.44 | 22.48 | 22.42 | 24.00 | 22.16 | 21.81 | 22.07 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.26 | 22.43 | 22.53 | 24.00 | 22.50 | 22.47 | 22.40 | 24.00 | 22.11 | 22.15 | 22.14 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.82 | 23.03 | 23.07 | 24.50 | 23.05 | 23.11 | 23.00 | 24.50 | 22.62 | 22.68 | 22.66 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.84 | 20.98 | 21.06 | 22.50 | 21.01 | 21.07 | 21.04 | 22.50 | 20.62 | 20.73 | 20.69 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.83 | 21.97 | 22.07 | 23.50 | 22.04 | 22.04 | 21.97 | 23.50 | 21.62 | 21.69 | 21.62 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.81 | 20.92 | 21.07 | 22.50 | 21.07 | 21.08 | 20.98 | 22.50 | 20.64 | 20.72 | 20.63 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.80 | 22.90 | 23.10 | 24.50 | 23.00 | 23.10 | 23.00 | 24.50 | 22.60 | 22.70 | 22.60 | 24.00 |

| | Ant 0 | | | | Ant 2 | | | | Ant 0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | CDMA BC0 | | | Tune-up Limit (dBm) | CDMA BC1 | | | Tune-up Limit (dBm) | CDMA BC10 | | | Tune-up Limit (dBm) |
| TX Channel | 1013 | 384 | 777 | | 25 | 600 | 1175 | | 476 | 580 | 684 | |
| Frequency (MHz) | 824.7 | 836.52 | 848.31 | | 1851.25 | 1880 | 1908.75 | | 817.9 | 820.5 | 823.1 | |
| RC1 SO55 | 24.05 | 24.03 | 24.14 | 25.50 | 24.00 | 24.24 | 24.50 | 25.50 | 24.03 | 24.08 | 23.98 | 25.50 |
| RC3 SO55 | 24.09 | 24.06 | 24.10 | 25.50 | 24.09 | 24.31 | 24.54 | 25.50 | 24.06 | 24.07 | 24.01 | 25.50 |
| RC3 SO32 (F+SCH) | 24.09 | 24.11 | 24.14 | 25.50 | 24.09 | 24.33 | 24.60 | 25.50 | 24.06 | 24.12 | 24.06 | 25.50 |
| RC3 SO32 (+SCH) | 24.01 | 24.08 | 24.07 | 25.50 | 24.05 | 24.27 | 24.52 | 25.50 | 23.96 | 24.10 | 24.02 | 25.50 |
| RTAP 153.6Kbps | 24.11 | 24.12 | 24.16 | 25.50 | 24.12 | 24.34 | 24.63 | 25.50 | 24.08 | 24.13 | 24.07 | 25.50 |
| RETAP 4096Bits | 24.08 | 24.08 | 24.09 | 25.50 | 24.06 | 24.26 | 24.54 | 25.50 | 24.06 | 24.04 | 24.01 | 25.50 |

| | Ant 1 | | | | Ant 0 | | | | Ant 1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | CDMA BC0 | | | Tune-up Limit (dBm) | CDMA BC1 | | | Tune-up Limit (dBm) | CDMA BC10 | | | Tune-up Limit (dBm) |
| TX Channel | 1013 | 384 | 777 | | 25 | 600 | 1175 | | 476 | 580 | 684 | |
| Frequency (MHz) | 824.7 | 836.52 | 848.31 | | 1851.25 | 1880 | 1908.75 | | 817.9 | 820.5 | 823.1 | |
| RC1 SO55 | 23.55 | 23.67 | 23.62 | 25.50 | 23.56 | 23.77 | 24.03 | 25.50 | 23.62 | 23.66 | 23.59 | 25.50 |
| RC3 SO55 | 23.63 | 23.74 | 23.62 | 25.50 | 23.59 | 23.82 | 24.05 | 25.50 | 23.64 | 23.69 | 23.68 | 25.50 |
| RC3 SO32 (F+SCH) | 23.62 | 23.72 | 23.59 | 25.50 | 23.60 | 23.86 | 24.06 | 25.50 | 23.63 | 23.68 | 23.67 | 25.50 |
| RC3 SO32 (+SCH) | 23.59 | 23.69 | 23.50 | 25.50 | 23.51 | 23.78 | 24.00 | 25.50 | 23.62 | 23.61 | 23.65 | 25.50 |
| RTAP 153.6Kbps | 23.69 | 23.76 | 23.67 | 25.50 | 23.63 | 23.92 | 24.08 | 25.50 | 23.68 | 23.72 | 23.70 | 25.50 |
| RETAP 4096Bits | 23.64 | 23.74 | 23.62 | 25.50 | 23.55 | 23.86 | 24.04 | 25.50 | 23.61 | 23.66 | 23.61 | 25.50 |

| | Ant 0 | | | | Ant 2 | | | | Ant 0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | CDMA BC0 | | | Tune-up Limit (dBm) | CDMA BC1 | | | Tune-up Limit (dBm) | CDMA BC10 | | | Tune-up Limit (dBm) |
| TX Channel | 1013 | 384 | 777 | | 25 | 600 | 1175 | | 476 | 580 | 684 | |
| Frequency (MHz) | 824.7 | 836.52 | 848.31 | | 1851.25 | 1880 | 1908.75 | | 817.9 | 820.5 | 823.1 | |
| RC1 SO55 | 24.05 | 24.03 | 24.14 | 25.50 | 24.00 | 24.24 | 24.50 | 25.50 | 24.03 | 24.08 | 23.98 | 25.50 |
| RC3 SO55 | 24.09 | 24.06 | 24.10 | 25.50 | 24.09 | 24.31 | 24.54 | 25.50 | 24.06 | 24.07 | 24.01 | 25.50 |
| RC3 SO32 (F+SCH) | 24.09 | 24.11 | 24.14 | 25.50 | 24.09 | 24.33 | 24.60 | 25.50 | 24.06 | 24.12 | 24.06 | 25.50 |
| RC3 SO32 (+SCH) | 24.01 | 24.08 | 24.07 | 25.50 | 24.05 | 24.27 | 24.52 | 25.50 | 23.96 | 24.10 | 24.02 | 25.50 |
| RTAP 153.6Kbps | 24.11 | 24.12 | 24.16 | 25.50 | 24.12 | 24.34 | 24.63 | 25.50 | 24.08 | 24.13 | 24.07 | 25.50 |
| RETAP 4096Bits | 24.08 | 24.08 | 24.09 | 25.50 | 24.06 | 24.26 | 24.54 | 25.50 | 24.06 | 24.04 | 24.01 | 25.50 |

| | Ant 1 | | | | Ant 0 | | | | Ant 1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | CDMA BC0 | | | Tune-up Limit (dBm) | CDMA BC1 | | | Tune-up Limit (dBm) | CDMA BC10 | | | Tune-up Limit (dBm) |
| TX Channel | 1013 | 384 | 777 | | 25 | 600 | 1175 | | 476 | 580 | 684 | |
| Frequency (MHz) | 824.7 | 836.52 | 848.31 | | 1851.25 | 1880 | 1908.75 | | 817.9 | 820.5 | 823.1 | |
| RC1 SO55 | 23.40 | 23.42 | 23.44 | 25.40 | 23.56 | 23.77 | 24.03 | 25.50 | 23.62 | 23.66 | 23.59 | 25.50 |
| RC3 SO55 | 23.41 | 23.48 | 23.49 | 25.40 | 23.59 | 23.82 | 24.05 | 25.50 | 23.64 | 23.69 | 23.68 | 25.50 |
| RC3 SO32 (F+SCH) | 23.40 | 23.50 | 23.48 | 25.40 | 23.60 | 23.86 | 24.06 | 25.50 | 23.63 | 23.68 | 23.67 | 25.50 |
| RC3 SO32 (+SCH) | 23.42 | 23.49 | 23.44 | 25.40 | 23.51 | 23.78 | 24.00 | 25.50 | 23.62 | 23.61 | 23.65 | 25.50 |
| RTAP 153.6Kbps | 23.47 | 23.54 | 23.58 | 25.40 | 23.63 | 23.92 | 24.08 | 25.50 | 23.68 | 23.72 | 23.70 | 25.50 |
| RETAP 4096Bits | 23.43 | 23.48 | 23.43 | 25.40 | 23.55 | 23.86 | 24.04 | 25.50 | 23.61 | 23.66 | 23.61 | 25.50 |

| | Ant 0 | | | | Ant 2 | | | | Ant 0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | CDMA BC0 | | | Tune-up Limit (dBm) | CDMA BC1 | | | Tune-up Limit (dBm) | CDMA BC10 | | | Tune-up Limit (dBm) |
| TX Channel | 1013 | 384 | 777 | | 25 | 600 | 1175 | | 476 | 580 | 684 | |
| Frequency (MHz) | 824.7 | 836.52 | 848.31 | | 1851.25 | 1880 | 1908.75 | | 817.9 | 820.5 | 823.1 | |
| RC1 SO55 | 24.05 | 24.03 | 24.14 | 25.50 | 24.00 | 24.24 | 24.50 | 25.50 | 24.03 | 24.08 | 23.98 | 25.50 |
| RC3 SO55 | 24.09 | 24.06 | 24.10 | 25.50 | 24.09 | 24.31 | 24.54 | 25.50 | 24.06 | 24.07 | 24.01 | 25.50 |
| RC3 SO32 (F+SCH) | 24.09 | 24.11 | 24.14 | 25.50 | 24.09 | 24.33 | 24.60 | 25.50 | 24.06 | 24.12 | 24.06 | 25.50 |
| RC3 SO32 (+SCH) | 24.01 | 24.08 | 24.07 | 25.50 | 24.05 | 24.27 | 24.52 | 25.50 | 23.96 | 24.10 | 24.02 | 25.50 |
| RTAP 153.6Kbps | 24.11 | 24.12 | 24.16 | 25.50 | 24.12 | 24.34 | 24.63 | 25.50 | 24.08 | 24.13 | 24.07 | 25.50 |
| RETAP 4096Bits | 24.08 | 24.08 | 24.09 | 25.50 | 24.06 | 24.26 | 24.54 | 25.50 | 24.06 | 24.04 | 24.01 | 25.50 |

| | Ant 1 | | | | Ant 0 | | | | Ant 1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | CDMA BC0 | | | Tune-up Limit (dBm) | CDMA BC1 | | | Tune-up Limit (dBm) | CDMA BC10 | | | Tune-up Limit (dBm) |
| TX Channel | 1013 | 384 | 777 | | 25 | 600 | 1175 | | 476 | 580 | 684 | |
| Frequency (MHz) | 824.7 | 836.52 | 848.31 | | 1851.25 | 1880 | 1908.75 | | 817.9 | 820.5 | 823.1 | |
| RC1 SO55 | 22.60 | 22.59 | 22.71 | 24.60 | 23.56 | 23.77 | 24.03 | 25.50 | 22.71 | 22.73 | 22.74 | 24.70 |
| RC3 SO55 | 22.61 | 22.67 | 22.72 | 24.60 | 23.59 | 23.82 | 24.05 | 25.50 | 22.72 | 22.74 | 22.75 | 24.70 |
| RC3 SO32 (F+SCH) | 22.62 | 22.64 | 22.70 | 24.60 | 23.60 | 23.86 | 24.06 | 25.50 | 22.70 | 22.72 | 22.74 | 24.70 |
| RC3 SO32 (+SCH) | 22.60 | 22.66 | 22.66 | 24.60 | 23.51 | 23.78 | 24.00 | 25.50 | 22.72 | 22.73 | 22.76 | 24.70 |
| RTAP 153.6Kbps | 22.67 | 22.74 | 22.76 | 24.60 | 23.63 | 23.92 | 24.08 | 25.50 | 22.75 | 22.80 | 22.78 | 24.70 |
| RETAP 4096Bits | 22.61 | 22.63 | 22.69 | 24.60 | 23.55 | 23.86 | 24.04 | 25.50 | 22.70 | 22.72 | 22.74 | 24.70 |

| | Ant 0 | | | | Ant 2 | | | | Ant 0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | CDMA BC0 | | | Tune-up Limit (dBm) | CDMA BC1 | | | Tune-up Limit (dBm) | CDMA BC10 | | | Tune-up Limit (dBm) |
| TX Channel | 1013 | 384 | 777 | | 25 | 600 | 1175 | | 476 | 580 | 684 | |
| Frequency (MHz) | 824.7 | 836.52 | 848.31 | | 1851.25 | 1880 | 1908.75 | | 817.9 | 820.5 | 823.1 | |
| RC1 SO55 | 24.05 | 24.03 | 24.14 | 25.50 | 23.70 | 23.94 | 24.11 | 25.10 | 24.03 | 24.08 | 23.98 | 25.50 |
| RC3 SO55 | 24.09 | 24.06 | 24.10 | 25.50 | 23.77 | 23.98 | 24.20 | 25.10 | 24.06 | 24.07 | 24.01 | 25.50 |
| RC3 SO32 (F+SCH) | 24.09 | 24.11 | 24.14 | 25.50 | 23.76 | 23.98 | 24.18 | 25.10 | 24.06 | 24.12 | 24.06 | 25.50 |
| RC3 SO32 (+SCH) | 24.01 | 24.08 | 24.07 | 25.50 | 23.67 | 23.92 | 24.18 | 25.10 | 23.96 | 24.10 | 24.02 | 25.50 |
| RTAP 153.6Kbps | 24.11 | 24.12 | 24.16 | 25.50 | 23.83 | 24.02 | 24.26 | 25.10 | 24.08 | 24.13 | 24.07 | 25.50 |
| RETAP 4096Bits | 24.08 | 24.08 | 24.09 | 25.50 | 23.72 | 23.90 | 24.19 | 25.10 | 24.06 | 24.04 | 24.01 | 25.50 |

| | Ant 1 | | | | Ant 0 | | | | Ant 1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | CDMA BC0 | | | Tune-up Limit (dBm) | CDMA BC1 | | | Tune-up Limit (dBm) | CDMA BC10 | | | Tune-up Limit (dBm) |
| TX Channel | 1013 | 384 | 777 | | 25 | 600 | 1175 | | 476 | 580 | 684 | |
| Frequency (MHz) | 824.7 | 836.52 | 848.31 | | 1851.25 | 1880 | 1908.75 | | 817.9 | 820.5 | 823.1 | |
| RC1 SO55 | 23.55 | 23.67 | 23.62 | 25.50 | 23.56 | 23.77 | 24.03 | 25.50 | 23.62 | 23.66 | 23.59 | 25.50 |
| RC3 SO55 | 23.63 | 23.74 | 23.62 | 25.50 | 23.59 | 23.82 | 24.05 | 25.50 | 23.64 | 23.69 | 23.68 | 25.50 |
| RC3 SO32 (F+SCH) | 23.62 | 23.72 | 23.59 | 25.50 | 23.60 | 23.86 | 24.06 | 25.50 | 23.63 | 23.68 | 23.67 | 25.50 |
| RC3 SO32 (+SCH) | 23.59 | 23.69 | 23.50 | 25.50 | 23.51 | 23.78 | 24.00 | 25.50 | 23.62 | 23.61 | 23.65 | 25.50 |
| RTAP 153.6Kbps | 23.69 | 23.76 | 23.67 | 25.50 | 23.63 | 23.92 | 24.08 | 25.50 | 23.68 | 23.72 | 23.70 | 25.50 |
| RETAP 4096Bits | 23.64 | 23.74 | 23.62 | 25.50 | 23.55 | 23.86 | 24.04 | 25.50 | 23.61 | 23.66 | 23.61 | 25.50 |

| | Ant 0 | | | | Ant 2 | | | | Ant 0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | CDMA BC0 | | | Tune-up Limit (dBm) | CDMA BC1 | | | Tune-up Limit (dBm) | CDMA BC10 | | | Tune-up Limit (dBm) |
| TX Channel | 1013 | 384 | 777 | | 25 | 600 | 1175 | | 476 | 580 | 684 | |
| Frequency (MHz) | 824.7 | 836.52 | 848.31 | | 1851.25 | 1880 | 1908.75 | | 817.9 | 820.5 | 823.1 | |
| RC1 SO55 | 24.05 | 24.03 | 24.14 | 25.50 | 22.94 | 23.05 | 23.41 | 24.30 | 24.03 | 24.08 | 23.98 | 25.50 |
| RC3 SO55 | 24.09 | 24.06 | 24.10 | 25.50 | 22.95 | 23.15 | 23.41 | 24.30 | 24.06 | 24.07 | 24.01 | 25.50 |
| RC3 SO32 (F+SCH) | 24.09 | 24.11 | 24.14 | 25.50 | 22.94 | 23.16 | 23.40 | 24.30 | 24.06 | 24.12 | 24.06 | 25.50 |
| RC3 SO32 (+SCH) | 24.01 | 24.08 | 24.07 | 25.50 | 22.92 | 23.12 | 23.36 | 24.30 | 23.96 | 24.10 | 24.02 | 25.50 |
| RTAP 153.6Kbps | 24.11 | 24.12 | 24.16 | 25.50 | 23.00 | 23.19 | 23.45 | 24.30 | 24.08 | 24.13 | 24.07 | 25.50 |
| RETAP 4096Bits | 24.08 | 24.08 | 24.09 | 25.50 | 22.94 | 23.08 | 23.37 | 24.30 | 24.06 | 24.04 | 24.01 | 25.50 |

| | Ant 1 | | | | Ant 0 | | | | Ant 1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | CDMA BC0 | | | Tune-up Limit (dBm) | CDMA BC1 | | | Tune-up Limit (dBm) | CDMA BC10 | | | Tune-up Limit (dBm) |
| TX Channel | 1013 | 384 | 777 | | 25 | 600 | 1175 | | 476 | 580 | 684 | |
| Frequency (MHz) | 824.7 | 836.52 | 848.31 | | 1851.25 | 1880 | 1908.75 | | 817.9 | 820.5 | 823.1 | |
| RC1 SO55 | 23.55 | 23.67 | 23.62 | 25.50 | 23.56 | 23.77 | 24.03 | 25.50 | 23.62 | 23.66 | 23.59 | 25.50 |
| RC3 SO55 | 23.63 | 23.74 | 23.62 | 25.50 | 23.59 | 23.82 | 24.05 | 25.50 | 23.64 | 23.69 | 23.68 | 25.50 |
| RC3 SO32 (F+SCH) | 23.62 | 23.72 | 23.59 | 25.50 | 23.60 | 23.86 | 24.06 | 25.50 | 23.63 | 23.68 | 23.67 | 25.50 |
| RC3 SO32 (+SCH) | 23.59 | 23.69 | 23.50 | 25.50 | 23.51 | 23.78 | 24.00 | 25.50 | 23.62 | 23.61 | 23.65 | 25.50 |
| RTAP 153.6Kbps | 23.69 | 23.76 | 23.67 | 25.50 | 23.63 | 23.92 | 24.08 | 25.50 | 23.68 | 23.72 | 23.70 | 25.50 |
| RETAP 4096Bits | 23.64 | 23.74 | 23.62 | 25.50 | 23.55 | 23.86 | 24.04 | 25.50 | 23.61 | 23.66 | 23.61 | 25.50 |

| | Ant 0 | | | | Ant 2 | | | | Ant 0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | CDMA BC0 | | | Tune-up Limit (dBm) | CDMA BC1 | | | Tune-up Limit (dBm) | CDMA BC10 | | | Tune-up Limit (dBm) |
| TX Channel | 1013 | 384 | 777 | | 25 | 600 | 1175 | | 476 | 580 | 684 | |
| Frequency (MHz) | 824.7 | 836.52 | 848.31 | | 1851.25 | 1880 | 1908.75 | | 817.9 | 820.5 | 823.1 | |
| RC1 SO55 | 24.05 | 24.03 | 24.14 | 25.50 | 22.94 | 23.05 | 23.41 | 24.30 | 24.03 | 24.08 | 23.98 | 25.50 |
| RC3 SO55 | 24.09 | 24.06 | 24.10 | 25.50 | 22.95 | 23.15 | 23.41 | 24.30 | 24.06 | 24.07 | 24.01 | 25.50 |
| RC3 SO32 (F+SCH) | 24.09 | 24.11 | 24.14 | 25.50 | 22.94 | 23.16 | 23.40 | 24.30 | 24.06 | 24.12 | 24.06 | 25.50 |
| RC3 SO32 (+SCH) | 24.01 | 24.08 | 24.07 | 25.50 | 22.92 | 23.12 | 23.36 | 24.30 | 23.96 | 24.10 | 24.02 | 25.50 |
| RTAP 153.6Kbps | 24.11 | 24.12 | 24.16 | 25.50 | 23.00 | 23.19 | 23.45 | 24.30 | 24.08 | 24.13 | 24.07 | 25.50 |
| RETAP 4096Bits | 24.08 | 24.08 | 24.09 | 25.50 | 22.94 | 23.08 | 23.37 | 24.30 | 24.06 | 24.04 | 24.01 | 25.50 |

| | Ant 1 | | | | Ant 0 | | | | Ant 1 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Band | CDMA BC0 | | | Tune-up Limit (dBm) | CDMA BC1 | | | Tune-up Limit (dBm) | CDMA BC10 | | | Tune-up Limit (dBm) |
| TX Channel | 1013 | 384 | 777 | | 25 | 600 | 1175 | | 476 | 580 | 684 | |
| Frequency (MHz) | 824.7 | 836.52 | 848.31 | | 1851.25 | 1880 | 1908.75 | | 817.9 | 820.5 | 823.1 | |
| RC1 SO55 | 23.55 | 23.67 | 23.62 | 25.50 | 23.56 | 23.77 | 24.03 | 25.50 | 23.62 | 23.66 | 23.59 | 25.50 |
| RC3 SO55 | 23.63 | 23.74 | 23.62 | 25.50 | 23.59 | 23.82 | 24.05 | 25.50 | 23.64 | 23.69 | 23.68 | 25.50 |
| RC3 SO32 (F+SCH) | 23.62 | 23.72 | 23.59 | 25.50 | 23.60 | 23.86 | 24.06 | 25.50 | 23.63 | 23.68 | 23.67 | 25.50 |
| RC3 SO32 (+SCH) | 23.59 | 23.69 | 23.50 | 25.50 | 23.51 | 23.78 | 24.00 | 25.50 | 23.62 | 23.61 | 23.65 | 25.50 |
| RTAP 153.6Kbps | 23.69 | 23.76 | 23.67 | 25.50 | 23.63 | 23.92 | 24.08 | 25.50 | 23.68 | 23.72 | 23.70 | 25.50 |
| RETAP 4096Bits | 23.64 | 23.74 | 23.62 | 25.50 | 23.55 | 23.86 | 24.04 | 25.50 | 23.61 | 23.66 | 23.61 | 25.50 |

## Band 2_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 23.90 | 24.03 | 24.24 | 25.7 |
| 20 | QPSK | 1 | 49 | 23.88 | 24.13 | 24.23 | |
| 20 | QPSK | 1 | 99 | 24.08 | 24.14 | 24.18 | |
| 20 | QPSK | 50 | 0 | 23.02 | 23.19 | 23.22 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.14 | 23.25 | 23.26 | |
| 20 | QPSK | 50 | 50 | 23.16 | 23.30 | 23.35 | |
| 20 | QPSK | 100 | 0 | 23.14 | 23.16 | 23.32 | |
| 20 | 16QAM | 1 | 0 | 23.27 | 23.30 | 23.51 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.16 | 23.49 | 23.35 | |
| 20 | 16QAM | 1 | 99 | 23.34 | 23.42 | 23.48 | |
| 20 | 16QAM | 50 | 0 | 22.03 | 22.09 | 22.27 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.13 | 22.23 | 22.28 | |
| 20 | 16QAM | 50 | 50 | 22.24 | 22.33 | 22.40 | |
| 20 | 16QAM | 100 | 0 | 22.14 | 22.21 | 22.20 | |
| 20 | 64QAM | 1 | 0 | 22.48 | 22.19 | 22.35 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.07 | 22.33 | 21.57 | |
| 20 | 64QAM | 1 | 99 | 22.27 | 22.43 | 21.88 | |
| 20 | 64QAM | 50 | 0 | 21.10 | 21.20 | 20.75 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.18 | 21.26 | 20.74 | |
| 20 | 64QAM | 50 | 50 | 21.16 | 21.30 | 20.98 | |
| 20 | 64QAM | 100 | 0 | 21.14 | 21.23 | 20.70 | |
| 20 | 256QAM | 1 | 0 | 19.93 | 19.58 | 19.70 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.62 | 19.72 | 19.74 | |
| 20 | 256QAM | 1 | 99 | 19.87 | 19.78 | 19.91 | |
| 20 | 256QAM | 50 | 0 | 19.86 | 19.53 | 19.60 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.70 | 19.60 | 19.69 | |
| 20 | 256QAM | 50 | 50 | 19.70 | 19.77 | 19.77 | |
| 20 | 256QAM | 100 | 0 | 19.62 | 19.62 | 19.71 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 23.84 | 23.97 | 24.16 | 25.7 |
| 15 | QPSK | 1 | 37 | 23.83 | 24.04 | 24.13 | |
| 15 | QPSK | 1 | 74 | 24.08 | 24.12 | 24.11 | |
| 15 | QPSK | 36 | 0 | 23.00 | 23.16 | 23.15 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.04 | 23.25 | 23.26 | |
| 15 | QPSK | 36 | 39 | 23.15 | 23.30 | 23.34 | |
| 15 | QPSK | 75 | 0 | 23.13 | 23.15 | 23.23 | |
| 15 | 16QAM | 1 | 0 | 23.22 | 23.28 | 23.50 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.08 | 23.41 | 23.25 | |
| 15 | 16QAM | 1 | 74 | 23.30 | 23.32 | 23.44 | |
| 15 | 16QAM | 36 | 0 | 21.95 | 22.03 | 22.27 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.06 | 22.16 | 22.24 | |
| 15 | 16QAM | 36 | 39 | 22.24 | 22.23 | 22.30 | |
| 15 | 16QAM | 75 | 0 | 22.10 | 22.15 | 22.14 | |
| 15 | 64QAM | 1 | 0 | 22.48 | 22.09 | 22.28 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.00 | 22.25 | 21.70 | |
| 15 | 64QAM | 1 | 74 | 22.20 | 22.35 | 21.78 | |
| 15 | 64QAM | 36 | 0 | 21.10 | 21.15 | 20.70 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.17 | 21.17 | 20.71 | |
| 15 | 64QAM | 36 | 39 | 21.09 | 21.28 | 20.93 | |
| 15 | 64QAM | 75 | 0 | 21.11 | 21.15 | 20.70 | |
| 15 | 256QAM | 1 | 0 | 19.92 | 19.49 | 19.63 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.52 | 19.63 | 19.64 | |
| 15 | 256QAM | 1 | 74 | 19.83 | 19.72 | 19.84 | |
| 15 | 256QAM | 36 | 0 | 19.81 | 19.50 | 19.59 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.61 | 19.58 | 19.66 | |
| 15 | 256QAM | 36 | 39 | 19.66 | 19.71 | 19.71 | |
| 15 | 256QAM | 75 | 0 | 19.54 | 19.55 | 19.71 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 23.89 | 23.96 | 24.11 | 25.7 |
| 10 | QPSK | 1 | 25 | 23.86 | 24.05 | 24.06 | |
| 10 | QPSK | 1 | 49 | 24.06 | 24.05 | 24.12 | |
| 10 | QPSK | 25 | 0 | 22.92 | 23.13 | 23.12 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.08 | 23.18 | 23.19 | |
| 10 | QPSK | 25 | 25 | 23.08 | 23.21 | 23.28 | |
| 10 | QPSK | 50 | 0 | 23.12 | 23.06 | 23.31 | |
| 10 | 16QAM | 1 | 0 | 23.18 | 23.23 | 23.41 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.15 | 23.47 | 23.32 | |
| 10 | 16QAM | 1 | 49 | 23.33 | 23.37 | 23.40 | |
| 10 | 16QAM | 25 | 0 | 21.96 | 22.07 | 22.21 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.06 | 22.15 | 22.23 | |
| 10 | 16QAM | 25 | 25 | 22.20 | 22.26 | 22.34 | |
| 10 | 16QAM | 50 | 0 | 22.08 | 22.13 | 22.10 | |
| 10 | 64QAM | 1 | 0 | 22.46 | 22.12 | 22.33 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.07 | 22.30 | 21.70 | |
| 10 | 64QAM | 1 | 49 | 22.23 | 22.37 | 21.78 | |
| 10 | 64QAM | 25 | 0 | 21.07 | 21.11 | 20.70 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.10 | 21.19 | 20.71 | |
| 10 | 64QAM | 25 | 25 | 21.15 | 21.21 | 20.96 | |
| 10 | 64QAM | 50 | 0 | 21.08 | 21.20 | 20.70 | |
| 10 | 256QAM | 1 | 0 | 19.92 | 19.53 | 19.64 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.55 | 19.69 | 19.70 | |
| 10 | 256QAM | 1 | 49 | 19.87 | 19.69 | 19.86 | |
| 10 | 256QAM | 25 | 0 | 19.79 | 19.47 | 19.52 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.62 | 19.54 | 19.63 | |
| 10 | 256QAM | 25 | 25 | 19.62 | 19.76 | 19.77 | |
| 10 | 256QAM | 50 | 0 | 19.57 | 19.57 | 19.66 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 23.80 | 23.97 | 24.12 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.88 | 24.09 | 24.16 | |
| 5 | QPSK | 1 | 24 | 24.04 | 24.07 | 24.08 | |
| 5 | QPSK | 12 | 0 | 22.93 | 23.12 | 23.13 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.11 | 23.19 | 23.19 | |
| 5 | QPSK | 12 | 13 | 23.13 | 23.23 | 23.27 | |
| 5 | QPSK | 25 | 0 | 23.11 | 23.13 | 23.29 | |
| 5 | 16QAM | 1 | 0 | 23.18 | 23.27 | 23.41 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.16 | 23.40 | 23.27 | |
| 5 | 16QAM | 1 | 24 | 23.26 | 23.40 | 23.44 | |
| 5 | 16QAM | 12 | 0 | 21.98 | 22.00 | 22.25 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.05 | 22.14 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.16 | 22.33 | 22.33 | |
| 5 | 16QAM | 25 | 0 | 22.05 | 22.21 | 22.13 | |
| 5 | 64QAM | 1 | 0 | 22.46 | 22.19 | 22.26 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.03 | 22.32 | 21.70 | |
| 5 | 64QAM | 1 | 24 | 22.24 | 22.41 | 21.81 | |
| 5 | 64QAM | 12 | 0 | 21.04 | 21.18 | 20.70 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.10 | 21.25 | 20.70 | |
| 5 | 64QAM | 12 | 13 | 21.15 | 21.22 | 20.94 | |
| 5 | 64QAM | 25 | 0 | 21.09 | 21.21 | 20.70 | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.58 | 19.60 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.59 | 19.64 | 19.72 | |
| 5 | 256QAM | 1 | 24 | 19.82 | 19.72 | 19.88 | |
| 5 | 256QAM | 12 | 0 | 19.80 | 19.44 | 19.56 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.59 | 19.59 | |
| 5 | 256QAM | 12 | 13 | 19.61 | 19.72 | 19.71 | |
| 5 | 256QAM | 25 | 0 | 19.56 | 19.56 | 19.68 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 23.88 | 23.94 | 24.12 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.81 | 24.09 | 24.10 | |
| 3 | QPSK | 1 | 14 | 24.03 | 24.06 | 24.08 | |
| 3 | QPSK | 8 | 0 | 22.95 | 23.15 | 23.13 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.07 | 23.18 | 23.25 | |
| 3 | QPSK | 8 | 7 | 23.09 | 23.24 | 23.29 | |
| 3 | QPSK | 15 | 0 | 23.12 | 23.12 | 23.23 | |
| 3 | 16QAM | 1 | 0 | 23.19 | 23.27 | 23.46 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.06 | 23.40 | 23.29 | |
| 3 | 16QAM | 1 | 14 | 23.29 | 23.36 | 23.42 | |
| 3 | 16QAM | 8 | 0 | 22.03 | 21.99 | 22.27 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.03 | 22.16 | 22.22 | |
| 3 | 16QAM | 8 | 7 | 22.18 | 22.28 | 22.36 | |
| 3 | 16QAM | 15 | 0 | 22.14 | 22.12 | 22.16 | |
| 3 | 64QAM | 1 | 0 | 22.38 | 22.11 | 22.28 | 23.7 |
| 3 | 64QAM | 1 | 8 | 21.99 | 22.30 | 21.70 | |
| 3 | 64QAM | 1 | 14 | 22.20 | 22.38 | 21.81 | |
| 3 | 64QAM | 8 | 0 | 21.06 | 21.16 | 20.70 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.15 | 21.21 | 20.70 | |
| 3 | 64QAM | 8 | 7 | 21.08 | 21.28 | 20.88 | |
| 3 | 64QAM | 15 | 0 | 21.06 | 21.23 | 20.70 | |
| 3 | 256QAM | 1 | 0 | 19.87 | 19.56 | 19.67 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.52 | 19.63 | 19.72 | |
| 3 | 256QAM | 1 | 14 | 19.84 | 19.77 | 19.85 | |
| 3 | 256QAM | 8 | 0 | 19.81 | 19.44 | 19.57 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.66 | 19.59 | 19.68 | |
| 3 | 256QAM | 8 | 7 | 19.60 | 19.73 | 19.76 | |
| 3 | 256QAM | 15 | 0 | 19.60 | 19.62 | 19.69 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 23.86 | 23.99 | 24.18 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.90 | 24.15 | 24.16 | |
| 1.4 | QPSK | 1 | 5 | 23.84 | 24.08 | 24.16 | |
| 1.4 | QPSK | 3 | 0 | 23.88 | 24.05 | 24.18 | |
| 1.4 | QPSK | 3 | 1 | 23.94 | 24.14 | 24.23 | |
| 1.4 | QPSK | 3 | 3 | 23.89 | 24.10 | 24.19 | |
| 1.4 | QPSK | 6 | 0 | 22.95 | 23.11 | 23.28 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.22 | 23.37 | 23.46 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.28 | 23.46 | 23.53 | |
| 1.4 | 16QAM | 1 | 5 | 23.21 | 23.33 | 23.45 | |
| 1.4 | 16QAM | 3 | 0 | 22.93 | 23.10 | 23.26 | |
| 1.4 | 16QAM | 3 | 1 | 23.01 | 23.23 | 23.28 | |
| 1.4 | 16QAM | 3 | 3 | 22.98 | 23.15 | 23.23 | |
| 1.4 | 16QAM | 6 | 0 | 22.04 | 22.18 | 22.33 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.11 | 22.29 | 22.20 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.17 | 22.40 | 22.12 | |
| 1.4 | 64QAM | 1 | 5 | 22.07 | 22.31 | 22.10 | |
| 1.4 | 64QAM | 3 | 0 | 22.05 | 22.19 | 22.19 | |
| 1.4 | 64QAM | 3 | 1 | 22.10 | 22.34 | 22.28 | |
| 1.4 | 64QAM | 3 | 3 | 22.07 | 22.30 | 22.15 | |
| 1.4 | 64QAM | 6 | 0 | 21.03 | 21.09 | 21.16 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.76 | 19.51 | 19.63 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.83 | 19.62 | 19.68 | |
| 1.4 | 256QAM | 1 | 5 | 19.78 | 19.65 | 19.82 | |
| 1.4 | 256QAM | 3 | 0 | 19.85 | 19.54 | 19.62 | |
| 1.4 | 256QAM | 3 | 1 | 19.58 | 19.60 | 19.67 | |
| 1.4 | 256QAM | 3 | 3 | 19.62 | 19.67 | 19.78 | |
| 1.4 | 256QAM | 6 | 0 | 19.57 | 19.54 | 19.68 | 20.7 |

## Band 4_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 24.21 | 24.31 | 24.32 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.24 | 24.22 | 24.18 | |
| 20 | QPSK | 1 | 99 | 24.27 | 24.27 | 24.29 | |
| 20 | QPSK | 50 | 0 | 23.32 | 23.39 | 23.30 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.44 | 23.37 | 23.32 | |
| 20 | QPSK | 50 | 50 | 23.38 | 23.40 | 23.34 | |
| 20 | QPSK | 100 | 0 | 23.39 | 23.41 | 23.31 | |
| 20 | 16QAM | 1 | 0 | 23.55 | 23.58 | 23.56 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.52 | 23.60 | 23.57 | |
| 20 | 16QAM | 1 | 99 | 23.64 | 23.53 | 23.53 | |
| 20 | 16QAM | 50 | 0 | 22.37 | 22.41 | 22.37 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.45 | 22.38 | 22.26 | |
| 20 | 16QAM | 50 | 50 | 22.41 | 22.42 | 22.35 | |
| 20 | 16QAM | 100 | 0 | 22.37 | 22.37 | 22.26 | |
| 20 | 64QAM | 1 | 0 | 21.70 | 22.51 | 21.94 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.49 | 22.39 | 22.36 | |
| 20 | 64QAM | 1 | 99 | 22.45 | 22.21 | 22.54 | |
| 20 | 64QAM | 50 | 0 | 21.12 | 21.43 | 21.08 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.44 | 21.22 | 21.32 | |
| 20 | 64QAM | 50 | 50 | 21.41 | 21.05 | 21.38 | |
| 20 | 64QAM | 100 | 0 | 21.37 | 21.26 | 21.32 | |
| 20 | 256QAM | 1 | 0 | 19.70 | 19.86 | 19.85 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.98 | 19.72 | 19.69 | |
| 20 | 256QAM | 1 | 99 | 19.89 | 19.94 | 19.89 | |
| 20 | 256QAM | 50 | 0 | 19.66 | 19.72 | 19.71 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.75 | 19.73 | 19.61 | |
| 20 | 256QAM | 50 | 50 | 19.81 | 19.81 | 19.68 | |
| 20 | 256QAM | 100 | 0 | 19.79 | 19.72 | 19.67 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 24.15 | 24.31 | 24.22 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.15 | 24.17 | 24.12 | |
| 15 | QPSK | 1 | 74 | 24.21 | 24.25 | 24.29 | |
| 15 | QPSK | 36 | 0 | 23.30 | 23.35 | 23.25 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.43 | 23.30 | 23.22 | |
| 15 | QPSK | 36 | 39 | 23.37 | 23.35 | 23.24 | |
| 15 | QPSK | 75 | 0 | 23.39 | 23.39 | 23.29 | |
| 15 | 16QAM | 1 | 0 | 23.50 | 23.58 | 23.56 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.52 | 23.53 | 23.48 | |
| 15 | 16QAM | 1 | 74 | 23.58 | 23.44 | 23.45 | |
| 15 | 16QAM | 36 | 0 | 22.37 | 22.38 | 22.35 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.36 | 22.30 | 22.24 | |
| 15 | 16QAM | 36 | 39 | 22.34 | 22.36 | 22.33 | |
| 15 | 16QAM | 75 | 0 | 22.33 | 22.31 | 22.16 | |
| 15 | 64QAM | 1 | 0 | 21.72 | 22.42 | 21.88 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.47 | 22.33 | 22.36 | |
| 15 | 64QAM | 1 | 74 | 22.42 | 22.12 | 22.51 | |
| 15 | 64QAM | 36 | 0 | 21.11 | 21.42 | 21.09 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.44 | 21.19 | 21.31 | |
| 15 | 64QAM | 36 | 39 | 21.40 | 20.96 | 21.30 | |
| 15 | 64QAM | 75 | 0 | 21.31 | 21.17 | 21.26 | |
| 15 | 256QAM | 1 | 0 | 19.70 | 19.83 | 19.83 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.96 | 19.65 | 19.66 | |
| 15 | 256QAM | 1 | 74 | 19.83 | 19.91 | 19.87 | |
| 15 | 256QAM | 36 | 0 | 19.63 | 19.69 | 19.63 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.67 | 19.72 | 19.61 | |
| 15 | 256QAM | 36 | 39 | 19.77 | 19.75 | 19.60 | |
| 15 | 256QAM | 75 | 0 | 19.79 | 19.69 | 19.61 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 24.20 | 24.26 | 24.24 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.18 | 24.21 | 24.13 | |
| 10 | QPSK | 1 | 49 | 24.22 | 24.18 | 24.24 | |
| 10 | QPSK | 25 | 0 | 23.28 | 23.32 | 23.20 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.42 | 23.32 | 23.29 | |
| 10 | QPSK | 25 | 25 | 23.33 | 23.32 | 23.34 | |
| 10 | QPSK | 50 | 0 | 23.33 | 23.32 | 23.24 | |
| 10 | 16QAM | 1 | 0 | 23.50 | 23.55 | 23.52 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.48 | 23.59 | 23.56 | |
| 10 | 16QAM | 1 | 49 | 23.60 | 23.52 | 23.53 | |
| 10 | 16QAM | 25 | 0 | 22.34 | 22.34 | 22.29 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.40 | 22.36 | 22.20 | |
| 10 | 16QAM | 25 | 25 | 22.38 | 22.34 | 22.29 | |
| 10 | 16QAM | 50 | 0 | 22.31 | 22.37 | 22.22 | |
| 10 | 64QAM | 1 | 0 | 21.71 | 22.51 | 21.91 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.45 | 22.39 | 22.30 | |
| 10 | 64QAM | 1 | 49 | 22.43 | 22.14 | 22.45 | |
| 10 | 64QAM | 25 | 0 | 21.04 | 21.38 | 21.00 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.41 | 21.18 | 21.27 | |
| 10 | 64QAM | 25 | 25 | 21.32 | 21.05 | 21.36 | |
| 10 | 64QAM | 50 | 0 | 21.33 | 21.18 | 21.29 | |
| 10 | 256QAM | 1 | 0 | 19.63 | 19.86 | 19.77 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.92 | 19.71 | 19.61 | |
| 10 | 256QAM | 1 | 49 | 19.79 | 19.90 | 19.87 | |
| 10 | 256QAM | 25 | 0 | 19.60 | 19.64 | 19.67 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.75 | 19.72 | 19.53 | |
| 10 | 256QAM | 25 | 25 | 19.74 | 19.75 | 19.65 | |
| 10 | 256QAM | 50 | 0 | 19.73 | 19.66 | 19.64 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 24.19 | 24.22 | 24.31 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.21 | 24.14 | 24.16 | |
| 5 | QPSK | 1 | 24 | 24.23 | 24.20 | 24.19 | |
| 5 | QPSK | 12 | 0 | 23.22 | 23.38 | 23.26 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.42 | 23.27 | 23.22 | |
| 5 | QPSK | 12 | 13 | 23.28 | 23.33 | 23.34 | |
| 5 | QPSK | 25 | 0 | 23.29 | 23.35 | 23.23 | |
| 5 | 16QAM | 1 | 0 | 23.47 | 23.48 | 23.50 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.43 | 23.52 | 23.53 | |
| 5 | 16QAM | 1 | 24 | 23.56 | 23.45 | 23.46 | |
| 5 | 16QAM | 12 | 0 | 22.34 | 22.34 | 22.28 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.38 | 22.32 | 22.17 | |
| 5 | 16QAM | 12 | 13 | 22.34 | 22.35 | 22.32 | |
| 5 | 16QAM | 25 | 0 | 22.36 | 22.34 | 22.21 | |
| 5 | 64QAM | 1 | 0 | 21.70 | 22.44 | 21.89 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.41 | 22.32 | 22.33 | |
| 5 | 64QAM | 1 | 24 | 22.45 | 22.13 | 22.50 | |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.34 | 21.06 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.37 | 21.16 | 21.39 | |
| 5 | 64QAM | 12 | 13 | 21.31 | 21.02 | 21.33 | |
| 5 | 64QAM | 25 | 0 | 21.27 | 21.22 | 21.22 | |
| 5 | 256QAM | 1 | 0 | 19.67 | 19.85 | 19.77 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.98 | 19.72 | 19.64 | |
| 5 | 256QAM | 1 | 24 | 19.88 | 19.90 | 19.86 | |
| 5 | 256QAM | 12 | 0 | 19.56 | 19.62 | 19.71 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.69 | 19.73 | 19.54 | |
| 5 | 256QAM | 12 | 13 | 19.79 | 19.76 | 19.62 | |
| 5 | 256QAM | 25 | 0 | 19.69 | 19.64 | 19.66 | |
| Channel | | | | 19925 | 20175 | 20425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 24.20 | 24.22 | 24.24 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.22 | 24.22 | 24.12 | |
| 3 | QPSK | 1 | 14 | 24.20 | 24.27 | 24.19 | |
| 3 | QPSK | 8 | 0 | 23.22 | 23.38 | 23.29 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.38 | 23.30 | 23.25 | |
| 3 | QPSK | 8 | 7 | 23.33 | 23.32 | 23.34 | |
| 3 | QPSK | 15 | 0 | 23.33 | 23.40 | 23.22 | |
| 3 | 16QAM | 1 | 0 | 23.49 | 23.49 | 23.52 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.50 | 23.55 | 23.47 | |
| 3 | 16QAM | 1 | 14 | 23.57 | 23.45 | 23.52 | |
| 3 | 16QAM | 8 | 0 | 22.36 | 22.41 | 22.30 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.37 | 22.34 | 22.29 | |
| 3 | 16QAM | 8 | 7 | 22.31 | 22.36 | 22.32 | |
| 3 | 16QAM | 15 | 0 | 22.35 | 22.36 | 22.24 | |
| 3 | 64QAM | 1 | 0 | 21.70 | 22.51 | 21.92 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.49 | 22.32 | 22.29 | |
| 3 | 64QAM | 1 | 14 | 22.38 | 22.19 | 22.47 | |
| 3 | 64QAM | 8 | 0 | 21.08 | 21.34 | 20.99 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.41 | 21.17 | 21.24 | |
| 3 | 64QAM | 8 | 7 | 21.32 | 20.98 | 21.38 | |
| 3 | 64QAM | 15 | 0 | 21.34 | 21.25 | 21.31 | |
| 3 | 256QAM | 1 | 0 | 19.67 | 19.83 | 19.84 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.96 | 19.63 | 19.65 | |
| 3 | 256QAM | 1 | 14 | 19.85 | 19.94 | 19.89 | |
| 3 | 256QAM | 8 | 0 | 19.61 | 19.71 | 19.65 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.74 | 19.73 | 19.57 | |
| 3 | 256QAM | 8 | 7 | 19.71 | 19.76 | 19.59 | |
| 3 | 256QAM | 15 | 0 | 19.73 | 19.68 | 19.63 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 24.05 | 24.22 | 24.04 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.13 | 24.23 | 24.08 | |
| 1.4 | QPSK | 1 | 5 | 24.09 | 24.17 | 24.02 | |
| 1.4 | QPSK | 3 | 0 | 24.09 | 24.19 | 24.09 | |
| 1.4 | QPSK | 3 | 1 | 24.15 | 24.23 | 24.15 | |
| 1.4 | QPSK | 3 | 3 | 24.11 | 24.21 | 24.07 | |
| 1.4 | QPSK | 6 | 0 | 23.12 | 23.26 | 23.13 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.30 | 23.49 | 23.42 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.39 | 23.52 | 23.44 | |
| 1.4 | 16QAM | 1 | 5 | 23.32 | 23.56 | 23.33 | |
| 1.4 | 16QAM | 3 | 0 | 23.12 | 23.26 | 23.15 | |
| 1.4 | 16QAM | 3 | 1 | 23.22 | 23.30 | 23.21 | |
| 1.4 | 16QAM | 3 | 3 | 23.24 | 23.19 | 23.11 | |
| 1.4 | 16QAM | 6 | 0 | 22.33 | 22.33 | 22.23 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 21.42 | 22.15 | 22.30 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 21.49 | 22.20 | 22.40 | |
| 1.4 | 64QAM | 1 | 5 | 21.44 | 22.05 | 22.31 | |
| 1.4 | 64QAM | 3 | 0 | 21.36 | 22.11 | 22.28 | |
| 1.4 | 64QAM | 3 | 1 | 21.41 | 22.19 | 22.29 | |
| 1.4 | 64QAM | 3 | 3 | 21.43 | 22.07 | 22.22 | |
| 1.4 | 64QAM | 6 | 0 | 20.30 | 21.00 | 21.16 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.59 | 19.83 | 19.81 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.88 | 19.60 | 19.64 | |
| 1.4 | 256QAM | 1 | 5 | 19.86 | 19.82 | 19.82 | |
| 1.4 | 256QAM | 3 | 0 | 19.68 | 19.75 | 19.56 | |
| 1.4 | 256QAM | 3 | 1 | 19.64 | 19.72 | 19.51 | |
| 1.4 | 256QAM | 3 | 3 | 19.70 | 19.74 | 19.68 | |
| 1.4 | 256QAM | 6 | 0 | 19.67 | 19.74 | 19.65 | 20.7 |

## Band 5_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.49 | 24.54 | 24.53 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.48 | 24.52 | 24.50 | |
| 10 | QPSK | 1 | 49 | 24.56 | 24.48 | 24.43 | |
| 10 | QPSK | 25 | 0 | 23.59 | 23.64 | 23.62 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.69 | 23.65 | 23.62 | |
| 10 | QPSK | 25 | 25 | 23.63 | 23.67 | 23.62 | |
| 10 | QPSK | 50 | 0 | 23.67 | 23.64 | 23.60 | |
| 10 | 16QAM | 1 | 0 | 23.88 | 23.89 | 23.94 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.90 | 23.93 | 23.91 | |
| 10 | 16QAM | 1 | 49 | 23.95 | 23.90 | 23.81 | |
| 10 | 16QAM | 25 | 0 | 22.57 | 22.62 | 22.59 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.68 | 22.64 | 22.57 | |
| 10 | 16QAM | 25 | 25 | 22.64 | 22.63 | 22.56 | |
| 10 | 16QAM | 50 | 0 | 22.68 | 22.62 | 22.58 | |
| 10 | 64QAM | 1 | 0 | 22.68 | 22.78 | 22.79 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.82 | 22.87 | 22.82 | |
| 10 | 64QAM | 1 | 49 | 22.82 | 22.81 | 22.16 | |
| 10 | 64QAM | 25 | 0 | 21.62 | 21.66 | 21.64 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.71 | 21.69 | 21.67 | |
| 10 | 64QAM | 25 | 25 | 21.66 | 21.70 | 21.57 | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.66 | 21.62 | |
| 10 | 256QAM | 1 | 0 | 19.40 | 19.53 | 19.52 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.44 | 19.45 | 19.44 | |
| 10 | 256QAM | 1 | 49 | 19.52 | 19.48 | 19.37 | |
| 10 | 256QAM | 25 | 0 | 19.41 | 19.41 | 19.43 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.44 | 19.29 | 19.32 | |
| 10 | 256QAM | 25 | 25 | 19.34 | 19.38 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.44 | 19.37 | 19.36 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.54 | 24.52 | 24.48 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.50 | 24.53 | 24.48 | |
| 5 | QPSK | 1 | 24 | 24.46 | 24.48 | 24.48 | |
| 5 | QPSK | 12 | 0 | 23.59 | 23.70 | 23.61 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.66 | 23.67 | 23.55 | |
| 5 | QPSK | 12 | 13 | 23.60 | 23.65 | 23.54 | |
| 5 | QPSK | 25 | 0 | 23.63 | 23.69 | 23.55 | |
| 5 | 16QAM | 1 | 0 | 23.90 | 23.95 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.89 | 23.95 | 23.83 | |
| 5 | 16QAM | 1 | 24 | 23.89 | 23.91 | 23.78 | |
| 5 | 16QAM | 12 | 0 | 22.64 | 22.72 | 22.61 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.69 | 22.58 | |
| 5 | 16QAM | 12 | 13 | 22.61 | 22.67 | 22.57 | |
| 5 | 16QAM | 25 | 0 | 22.69 | 22.71 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.90 | 22.82 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.80 | 22.86 | 22.47 | |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.86 | 22.12 | |
| 5 | 64QAM | 12 | 0 | 21.69 | 21.75 | 21.67 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.73 | 21.75 | 21.41 | |
| 5 | 64QAM | 12 | 13 | 21.66 | 21.70 | 21.22 | |
| 5 | 64QAM | 25 | 0 | 21.69 | 21.74 | 21.45 | |
| 5 | 256QAM | 1 | 0 | 19.33 | 19.49 | 19.44 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.40 | 19.41 | 19.41 | |
| 5 | 256QAM | 1 | 24 | 19.50 | 19.48 | 19.34 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.32 | 19.43 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.28 | 19.30 | |
| 5 | 256QAM | 12 | 13 | 19.33 | 19.28 | 19.18 | |
| 5 | 256QAM | 25 | 0 | 19.34 | 19.37 | 19.31 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.80 | 23.87 | 23.85 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.87 | 23.94 | 23.83 | |
| 3 | QPSK | 1 | 14 | 23.79 | 23.83 | 23.71 | |
| 3 | QPSK | 8 | 0 | 22.89 | 22.93 | 22.87 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.95 | 23.01 | 22.87 | |
| 3 | QPSK | 8 | 7 | 22.88 | 22.93 | 22.83 | |
| 3 | QPSK | 15 | 0 | 22.90 | 22.97 | 22.86 | |
| 3 | 16QAM | 1 | 0 | 23.13 | 23.17 | 23.17 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.26 | 23.30 | 23.13 | |
| 3 | 16QAM | 1 | 14 | 23.11 | 23.18 | 23.03 | |
| 3 | 16QAM | 8 | 0 | 21.95 | 22.00 | 21.94 | 23.7 |
| 3 | 16QAM | 8 | 4 | 21.98 | 22.06 | 21.96 | |
| 3 | 16QAM | 8 | 7 | 21.95 | 21.98 | 21.87 | |
| 3 | 16QAM | 15 | 0 | 21.96 | 22.01 | 21.89 | |
| 3 | 64QAM | 1 | 0 | 23.03 | 22.15 | 21.90 | 23.7 |
| 3 | 64QAM | 1 | 8 | 23.13 | 22.21 | 21.71 | |
| 3 | 64QAM | 1 | 14 | 23.02 | 22.09 | 21.70 | |
| 3 | 64QAM | 8 | 0 | 21.90 | 21.00 | 20.76 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.94 | 21.03 | 21.76 | |
| 3 | 64QAM | 8 | 7 | 21.89 | 20.98 | 21.71 | |
| 3 | 64QAM | 15 | 0 | 21.92 | 20.98 | 21.72 | |
| 3 | 256QAM | 1 | 0 | 19.40 | 19.45 | 19.46 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.38 | 19.39 | 19.44 | |
| 3 | 256QAM | 1 | 14 | 19.46 | 19.47 | 19.29 | |
| 3 | 256QAM | 8 | 0 | 19.36 | 19.41 | 19.33 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.35 | 19.19 | 19.27 | |
| 3 | 256QAM | 8 | 7 | 19.33 | 19.33 | 19.20 | |
| 3 | 256QAM | 15 | 0 | 19.38 | 19.36 | 19.31 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.71 | 23.79 | 23.70 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.80 | 23.86 | 23.76 | |
| 1.4 | QPSK | 1 | 5 | 23.70 | 23.80 | 23.71 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.80 | 23.75 | |
| 1.4 | QPSK | 3 | 1 | 23.83 | 23.89 | 23.80 | |
| 1.4 | QPSK | 3 | 3 | 23.78 | 23.81 | 23.72 | |
| 1.4 | QPSK | 6 | 0 | 22.83 | 22.91 | 22.77 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.05 | 23.11 | 23.07 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.14 | 23.21 | 23.12 | |
| 1.4 | 16QAM | 1 | 5 | 23.07 | 23.12 | 23.00 | |
| 1.4 | 16QAM | 3 | 0 | 22.89 | 22.89 | 22.82 | |
| 1.4 | 16QAM | 3 | 1 | 22.93 | 23.00 | 22.85 | |
| 1.4 | 16QAM | 3 | 3 | 22.83 | 22.91 | 22.78 | |
| 1.4 | 16QAM | 6 | 0 | 21.91 | 21.99 | 21.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 21.96 | 22.04 | 21.72 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.10 | 22.15 | 21.78 | |
| 1.4 | 64QAM | 1 | 5 | 22.00 | 22.04 | 21.72 | |
| 1.4 | 64QAM | 3 | 0 | 21.99 | 21.97 | 21.73 | |
| 1.4 | 64QAM | 3 | 1 | 21.94 | 22.00 | 21.73 | |
| 1.4 | 64QAM | 3 | 3 | 21.89 | 21.93 | 21.73 | |
| 1.4 | 64QAM | 6 | 0 | 20.78 | 20.84 | 20.74 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.40 | 19.48 | 19.47 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.37 | 19.41 | 19.41 | |
| 1.4 | 256QAM | 1 | 5 | 19.47 | 19.47 | 19.27 | |
| 1.4 | 256QAM | 3 | 0 | 19.31 | 19.39 | 19.38 | |
| 1.4 | 256QAM | 3 | 1 | 19.44 | 19.26 | 19.26 | |
| 1.4 | 256QAM | 3 | 3 | 19.27 | 19.38 | 19.23 | |
| 1.4 | 256QAM | 6 | 0 | 19.38 | 19.36 | 19.30 | 20.7 |

## Band 7_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 24.62 | 24.64 | 24.83 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.67 | 24.75 | 24.70 | |
| 20 | QPSK | 1 | 99 | 24.71 | 24.79 | 24.73 | |
| 20 | QPSK | 50 | 0 | 23.76 | 23.78 | 23.75 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.88 | 23.84 | 23.80 | |
| 20 | QPSK | 50 | 50 | 23.89 | 23.94 | 23.89 | |
| 20 | QPSK | 100 | 0 | 23.86 | 23.84 | 23.78 | |
| 20 | 16QAM | 1 | 0 | 23.98 | 24.01 | 23.98 | 24.7 |
| 20 | 16QAM | 1 | 49 | 24.05 | 24.07 | 24.06 | |
| 20 | 16QAM | 1 | 99 | 24.05 | 24.15 | 24.03 | |
| 20 | 16QAM | 50 | 0 | 22.77 | 22.81 | 22.77 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.86 | 22.83 | |
| 20 | 16QAM | 50 | 50 | 22.93 | 22.98 | 22.92 | |
| 20 | 16QAM | 100 | 0 | 22.88 | 22.83 | 22.78 | |
| 20 | 64QAM | 1 | 0 | 22.81 | 22.85 | 22.87 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.93 | 22.95 | 22.77 | |
| 20 | 64QAM | 1 | 99 | 23.00 | 23.06 | 22.16 | |
| 20 | 64QAM | 50 | 0 | 21.80 | 21.84 | 21.79 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.93 | 21.89 | 21.77 | |
| 20 | 64QAM | 50 | 50 | 21.93 | 21.96 | 21.87 | |
| 20 | 64QAM | 100 | 0 | 21.92 | 21.84 | 21.82 | |
| 20 | 256QAM | 1 | 0 | 20.22 | 20.08 | 19.98 | 20.7 |
| 20 | 256QAM | 1 | 49 | 20.33 | 20.08 | 20.07 | |
| 20 | 256QAM | 1 | 99 | 20.24 | 20.16 | 20.11 | |
| 20 | 256QAM | 50 | 0 | 20.03 | 20.01 | 19.94 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.12 | 20.07 | 19.95 | |
| 20 | 256QAM | 50 | 50 | 20.12 | 20.00 | 20.03 | |
| 20 | 256QAM | 100 | 0 | 20.13 | 19.99 | 19.93 | |
| Channel | | | | 20525 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 24.54 | 24.59 | 24.58 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.59 | 24.72 | 24.64 | |
| 15 | QPSK | 1 | 74 | 24.63 | 24.70 | 24.63 | |
| 15 | QPSK | 36 | 0 | 23.72 | 23.76 | 23.65 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.78 | 23.84 | 23.71 | |
| 15 | QPSK | 36 | 39 | 23.84 | 23.85 | 23.80 | |
| 15 | QPSK | 75 | 0 | 23.78 | 23.79 | 23.74 | |
| 15 | 16QAM | 1 | 0 | 23.95 | 23.98 | 23.92 | 24.7 |
| 15 | 16QAM | 1 | 37 | 24.00 | 24.05 | 23.98 | |
| 15 | 16QAM | 1 | 74 | 23.96 | 24.07 | 23.93 | |
| 15 | 16QAM | 36 | 0 | 22.75 | 22.79 | 22.74 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.83 | 22.79 | 22.82 | |
| 15 | 16QAM | 36 | 39 | 22.89 | 22.93 | 22.82 | |
| 15 | 16QAM | 75 | 0 | 22.78 | 22.78 | 22.72 | |
| 15 | 64QAM | 1 | 0 | 22.77 | 22.84 | 22.85 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.83 | 22.86 | 22.68 | |
| 15 | 64QAM | 1 | 74 | 22.95 | 23.04 | 22.09 | |
| 15 | 64QAM | 36 | 0 | 21.80 | 21.83 | 21.75 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.90 | 21.88 | 21.77 | |
| 15 | 64QAM | 36 | 39 | 21.90 | 21.91 | 21.85 | |
| 15 | 64QAM | 75 | 0 | 21.84 | 21.79 | 21.76 | |
| 15 | 256QAM | 1 | 0 | 20.20 | 20.03 | 19.89 | 20.7 |
| 15 | 256QAM | 1 | 37 | 20.30 | 20.05 | 20.05 | |
| 15 | 256QAM | 1 | 74 | 20.19 | 20.11 | 20.05 | |
| 15 | 256QAM | 36 | 0 | 19.95 | 19.95 | 19.88 | 20.7 |
| 15 | 256QAM | 36 | 20 | 20.07 | 19.99 | 19.85 | |
| 15 | 256QAM | 36 | 39 | 20.07 | 19.96 | 20.03 | |
| 15 | 256QAM | 75 | 0 | 20.06 | 19.94 | 19.85 | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 24.58 | 24.64 | 24.57 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.58 | 24.70 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.62 | 24.73 | 24.71 | |
| 10 | QPSK | 25 | 0 | 23.73 | 23.69 | 23.75 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.81 | 23.74 | 23.80 | |
| 10 | QPSK | 25 | 25 | 23.87 | 23.88 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.76 | 23.79 | 23.75 | |
| 10 | 16QAM | 1 | 0 | 23.94 | 24.01 | 23.94 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.98 | 24.04 | 23.99 | |
| 10 | 16QAM | 1 | 49 | 24.05 | 24.07 | 23.95 | |
| 10 | 16QAM | 25 | 0 | 22.76 | 22.80 | 22.75 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.87 | 22.76 | 22.82 | |
| 10 | 16QAM | 25 | 25 | 22.85 | 22.96 | 22.87 | |
| 10 | 16QAM | 50 | 0 | 22.84 | 22.80 | 22.69 | |
| 10 | 64QAM | 1 | 0 | 22.74 | 22.77 | 22.84 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.83 | 22.95 | 22.74 | |
| 10 | 64QAM | 1 | 49 | 22.95 | 22.99 | 22.12 | |
| 10 | 64QAM | 25 | 0 | 21.76 | 21.74 | 21.76 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.85 | 21.86 | 21.70 | |
| 10 | 64QAM | 25 | 25 | 21.93 | 21.89 | 21.86 | |
| 10 | 64QAM | 50 | 0 | 21.84 | 21.78 | 21.72 | |
| 10 | 256QAM | 1 | 0 | 20.17 | 19.98 | 19.97 | 20.7 |
| 10 | 256QAM | 1 | 25 | 20.23 | 20.07 | 20.01 | |
| 10 | 256QAM | 1 | 49 | 20.14 | 20.10 | 20.04 | |
| 10 | 256QAM | 25 | 0 | 19.93 | 20.01 | 19.94 | 20.7 |
| 10 | 256QAM | 25 | 12 | 20.08 | 20.00 | 19.85 | |
| 10 | 256QAM | 25 | 25 | 20.10 | 19.90 | 19.97 | |
| 10 | 256QAM | 50 | 0 | 20.03 | 19.99 | 19.92 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 24.54 | 24.62 | 24.61 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.59 | 24.65 | 24.67 | |
| 5 | QPSK | 1 | 24 | 24.68 | 24.72 | 24.69 | |
| 5 | QPSK | 12 | 0 | 23.70 | 23.70 | 23.71 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.81 | 23.74 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.83 | 23.93 | 23.80 | |
| 5 | QPSK | 25 | 0 | 23.78 | 23.84 | 23.70 | |
| 5 | 16QAM | 1 | 0 | 23.94 | 23.98 | 23.97 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.05 | 24.05 | |
| 5 | 16QAM | 1 | 24 | 24.00 | 24.11 | 24.03 | |
| 5 | 16QAM | 12 | 0 | 22.68 | 22.71 | 22.71 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.81 | 22.86 | 22.81 | |
| 5 | 16QAM | 12 | 13 | 22.89 | 22.93 | 22.84 | |
| 5 | 16QAM | 25 | 0 | 22.86 | 22.77 | 22.73 | |
| 5 | 64QAM | 1 | 0 | 22.78 | 22.77 | 22.83 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.84 | 22.89 | 22.73 | |
| 5 | 64QAM | 1 | 24 | 22.97 | 23.05 | 22.16 | |
| 5 | 64QAM | 12 | 0 | 21.78 | 21.82 | 21.74 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.87 | 21.86 | 21.71 | |
| 5 | 64QAM | 12 | 13 | 21.84 | 21.86 | 21.82 | |
| 5 | 64QAM | 25 | 0 | 21.92 | 21.75 | 21.79 | |
| 5 | 256QAM | 1 | 0 | 20.16 | 20.02 | 19.93 | 20.7 |
| 5 | 256QAM | 1 | 12 | 20.28 | 20.00 | 20.05 | |
| 5 | 256QAM | 1 | 24 | 20.18 | 20.11 | 20.03 | |
| 5 | 256QAM | 12 | 0 | 20.02 | 19.98 | 19.91 | 20.7 |
| 5 | 256QAM | 12 | 7 | 20.07 | 20.07 | 19.85 | |
| 5 | 256QAM | 12 | 13 | 20.09 | 19.98 | 19.99 | |
| 5 | 256QAM | 25 | 0 | 20.06 | 19.92 | 19.83 | |

## Band 12_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.64 | 24.53 | 24.59 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.59 | 24.60 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.67 | 24.63 | 24.60 | |
| 10 | QPSK | 25 | 0 | 23.72 | 23.74 | 23.71 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.73 | 23.72 | |
| 10 | QPSK | 25 | 25 | 23.77 | 23.79 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.79 | 23.71 | 23.73 | |
| 10 | 16QAM | 1 | 0 | 23.96 | 23.95 | 23.97 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.97 | 23.99 | 24.01 | |
| 10 | 16QAM | 1 | 49 | 24.06 | 24.01 | 24.04 | |
| 10 | 16QAM | 25 | 0 | 22.71 | 22.73 | 22.74 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.73 | 22.75 | |
| 10 | 16QAM | 25 | 25 | 22.72 | 22.80 | 22.77 | |
| 10 | 16QAM | 50 | 0 | 22.75 | 22.72 | 22.74 | |
| 10 | 64QAM | 1 | 0 | 22.87 | 22.80 | 22.83 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.88 | 22.92 | 22.96 | |
| 10 | 64QAM | 1 | 49 | 22.95 | 22.91 | 22.94 | |
| 10 | 64QAM | 25 | 0 | 21.76 | 21.74 | 21.76 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.77 | 21.78 | |
| 10 | 64QAM | 25 | 25 | 21.79 | 21.81 | 21.80 | |
| 10 | 64QAM | 50 | 0 | 21.82 | 21.77 | 21.77 | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.54 | 19.50 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.66 | 19.57 | 19.56 | |
| 10 | 256QAM | 1 | 49 | 19.62 | 19.68 | 19.64 | |
| 10 | 256QAM | 25 | 0 | 19.52 | 19.54 | 19.55 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.60 | 19.49 | 19.45 | |
| 10 | 256QAM | 25 | 25 | 19.42 | 19.47 | 19.55 | |
| 10 | 256QAM | 50 | 0 | 19.53 | 19.51 | 19.51 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.65 | 24.66 | 24.60 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.65 | 24.60 | 24.60 | |
| 5 | QPSK | 1 | 24 | 24.64 | 24.65 | 24.64 | |
| 5 | QPSK | 12 | 0 | 23.75 | 23.73 | 23.73 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.76 | 23.80 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.70 | 23.74 | 23.72 | |
| 5 | QPSK | 25 | 0 | 23.73 | 23.71 | 23.71 | |
| 5 | 16QAM | 1 | 0 | 23.98 | 23.99 | 23.97 | 24.7 |
| 5 | 16QAM | 1 | 12 | 24.01 | 24.01 | 23.99 | |
| 5 | 16QAM | 1 | 24 | 24.02 | 24.01 | 23.97 | |
| 5 | 16QAM | 12 | 0 | 22.83 | 22.78 | 22.78 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.78 | 22.80 | 22.74 | |
| 5 | 16QAM | 12 | 13 | 22.75 | 22.75 | 22.75 | |
| 5 | 16QAM | 25 | 0 | 22.76 | 22.71 | 22.70 | |
| 5 | 64QAM | 1 | 0 | 22.96 | 22.95 | 22.88 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.92 | 22.93 | 22.94 | |
| 5 | 64QAM | 1 | 24 | 22.96 | 22.98 | 22.92 | |
| 5 | 64QAM | 12 | 0 | 21.86 | 21.82 | 21.82 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.83 | 21.83 | 21.78 | |
| 5 | 64QAM | 12 | 13 | 21.76 | 21.80 | 21.77 | |
| 5 | 64QAM | 25 | 0 | 21.78 | 21.74 | 21.74 | |
| 5 | 256QAM | 1 | 0 | 19.36 | 19.46 | 19.48 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.60 | 19.49 | 19.52 | |
| 5 | 256QAM | 1 | 24 | 19.52 | 19.68 | 19.59 | |
| 5 | 256QAM | 12 | 0 | 19.45 | 19.52 | 19.50 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.51 | 19.48 | 19.42 | |
| 5 | 256QAM | 12 | 13 | 19.36 | 19.37 | 19.54 | |
| 5 | 256QAM | 25 | 0 | 19.53 | 19.49 | 19.48 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 23.92 | 23.88 | 23.86 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.92 | 23.95 | 23.93 | |
| 3 | QPSK | 1 | 14 | 23.85 | 23.90 | 23.84 | |
| 3 | QPSK | 8 | 0 | 22.99 | 22.97 | 22.94 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.96 | 23.00 | 22.97 | |
| 3 | QPSK | 8 | 7 | 22.94 | 22.97 | 22.92 | |
| 3 | QPSK | 15 | 0 | 22.96 | 22.92 | 22.92 | |
| 3 | 16QAM | 1 | 0 | 23.26 | 23.19 | 23.22 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.31 | 23.31 | 23.29 | |
| 3 | 16QAM | 1 | 14 | 23.18 | 23.22 | 23.19 | |
| 3 | 16QAM | 8 | 0 | 22.06 | 22.01 | 22.00 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.05 | 22.06 | 22.04 | |
| 3 | 16QAM | 8 | 7 | 22.00 | 22.06 | 21.98 | |
| 3 | 16QAM | 15 | 0 | 22.01 | 21.95 | 21.94 | |
| 3 | 64QAM | 1 | 0 | 22.21 | 22.14 | 22.14 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.24 | 22.23 | 22.20 | |
| 3 | 64QAM | 1 | 14 | 22.15 | 22.16 | 22.12 | |
| 3 | 64QAM | 8 | 0 | 21.03 | 21.03 | 20.96 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.06 | 21.07 | 21.04 | |
| 3 | 64QAM | 8 | 7 | 20.99 | 21.02 | 20.99 | |
| 3 | 64QAM | 15 | 0 | 21.00 | 20.95 | 20.93 | |
| 3 | 256QAM | 1 | 0 | 19.32 | 19.45 | 19.43 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.58 | 19.50 | 19.48 | |
| 3 | 256QAM | 1 | 14 | 19.60 | 19.67 | 19.56 | |
| 3 | 256QAM | 8 | 0 | 19.49 | 19.44 | 19.45 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.53 | 19.46 | 19.39 | |
| 3 | 256QAM | 8 | 7 | 19.42 | 19.37 | 19.53 | |
| 3 | 256QAM | 15 | 0 | 19.51 | 19.44 | 19.45 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 23.76 | 23.71 | 23.73 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.78 | 23.80 | 23.80 | |
| 1.4 | QPSK | 1 | 5 | 23.72 | 23.73 | 23.71 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.76 | 23.77 | |
| 1.4 | QPSK | 3 | 1 | 23.84 | 23.78 | 23.79 | |
| 1.4 | QPSK | 3 | 3 | 23.74 | 23.78 | 23.74 | |
| 1.4 | QPSK | 6 | 0 | 22.83 | 22.84 | 22.81 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.08 | 23.07 | 23.09 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.12 | 23.14 | 23.10 | |
| 1.4 | 16QAM | 1 | 5 | 23.06 | 23.05 | 23.03 | |
| 1.4 | 16QAM | 3 | 0 | 22.89 | 22.84 | 22.86 | |
| 1.4 | 16QAM | 3 | 1 | 22.94 | 22.86 | 22.89 | |
| 1.4 | 16QAM | 3 | 3 | 22.84 | 22.83 | 22.82 | |
| 1.4 | 16QAM | 6 | 0 | 21.88 | 21.90 | 21.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.01 | 21.98 | 21.99 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.06 | 22.09 | 22.03 | |
| 1.4 | 64QAM | 1 | 5 | 22.03 | 22.02 | 21.97 | |
| 1.4 | 64QAM | 3 | 0 | 21.98 | 21.94 | 21.98 | |
| 1.4 | 64QAM | 3 | 1 | 22.02 | 21.97 | 22.09 | |
| 1.4 | 64QAM | 3 | 3 | 21.94 | 21.95 | 21.95 | |
| 1.4 | 64QAM | 6 | 0 | 20.86 | 20.86 | 20.83 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.38 | 19.48 | 19.42 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.57 | 19.54 | 19.58 | |
| 1.4 | 256QAM | 1 | 5 | 19.58 | 19.67 | 19.56 | |
| 1.4 | 256QAM | 3 | 0 | 19.42 | 19.45 | 19.51 | |
| 1.4 | 256QAM | 3 | 1 | 19.56 | 19.41 | 19.35 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.44 | 19.52 | |
| 1.4 | 256QAM | 6 | 0 | 19.47 | 19.48 | 19.50 | 20.7 |

| Band 13_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23230 | | |
| Frequency (MHz) | | | | | 782 | | |
| 10 | QPSK | 1 | 0 | | 23.98 | | 25.2 |
| 10 | QPSK | 1 | 25 | | 24.02 | | |
| 10 | QPSK | 1 | 49 | | 24.10 | | |
| 10 | QPSK | 25 | 0 | | 23.16 | | 24.2 |
| 10 | QPSK | 25 | 12 | | 23.17 | | |
| 10 | QPSK | 25 | 25 | | 23.19 | | |
| 10 | QPSK | 50 | 0 | | 23.18 | | |
| 10 | 16QAM | 1 | 0 | | 23.38 | | 24.2 |
| 10 | 16QAM | 1 | 25 | | 23.37 | | |
| 10 | 16QAM | 1 | 49 | | 23.40 | | |
| 10 | 16QAM | 25 | 0 | | 22.17 | | 23.2 |
| 10 | 16QAM | 25 | 12 | | 22.20 | | |
| 10 | 16QAM | 25 | 25 | | 22.22 | | |
| 10 | 16QAM | 50 | 0 | | 22.19 | | |
| 10 | 64QAM | 1 | 0 | | 22.21 | | 23.2 |
| 10 | 64QAM | 1 | 25 | | 22.32 | | |
| 10 | 64QAM | 1 | 49 | | 22.34 | | |
| 10 | 64QAM | 25 | 0 | | 21.17 | | 22.2 |
| 10 | 64QAM | 25 | 12 | | 21.24 | | |
| 10 | 64QAM | 25 | 25 | | 21.23 | | |
| 10 | 64QAM | 50 | 0 | | 21.23 | | |
| 10 | 256QAM | 1 | 0 | | 18.61 | | 20.2 |
| 10 | 256QAM | 1 | 25 | | 18.97 | | |
| 10 | 256QAM | 1 | 49 | | 19.01 | | |
| 10 | 256QAM | 25 | 0 | | 18.78 | | 20.2 |
| 10 | 256QAM | 25 | 12 | | 18.86 | | |
| 10 | 256QAM | 25 | 25 | | 18.89 | | |
| 10 | 256QAM | 50 | 0 | | 18.84 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 23.93 | 23.98 | 23.74 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.04 | 24.07 | 23.77 | |
| 5 | QPSK | 1 | 24 | 24.07 | 24.08 | 23.83 | |
| 5 | QPSK | 12 | 0 | 23.10 | 23.13 | 22.85 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.16 | 23.15 | 22.93 | |
| 5 | QPSK | 12 | 13 | 23.19 | 23.21 | 22.89 | |
| 5 | QPSK | 25 | 0 | 23.18 | 23.14 | 22.99 | |
| 5 | 16QAM | 1 | 0 | 23.31 | 23.29 | 23.01 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.29 | 23.33 | 23.04 | |
| 5 | 16QAM | 1 | 24 | 23.37 | 23.36 | 23.04 | |
| 5 | 16QAM | 12 | 0 | 22.20 | 22.17 | 21.92 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.20 | 22.17 | 21.95 | |
| 5 | 16QAM | 12 | 13 | 22.21 | 22.23 | 21.94 | |
| 5 | 16QAM | 25 | 0 | 22.23 | 22.16 | 21.92 | |
| 5 | 64QAM | 1 | 0 | 22.19 | 22.26 | 21.94 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.25 | 22.29 | 22.01 | |
| 5 | 64QAM | 1 | 24 | 22.29 | 22.32 | 22.02 | |
| 5 | 64QAM | 12 | 0 | 21.22 | 21.23 | 20.96 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.26 | 21.21 | 20.98 | |
| 5 | 64QAM | 12 | 13 | 21.25 | 21.26 | 20.95 | |
| 5 | 64QAM | 25 | 0 | 21.26 | 21.17 | 20.96 | |
| 5 | 256QAM | 1 | 0 | 18.55 | 18.57 | 18.59 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.93 | 18.96 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.98 | 18.99 | 18.96 | |
| 5 | 256QAM | 12 | 0 | 18.77 | 18.69 | 18.74 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.83 | 18.76 | 18.79 | |
| 5 | 256QAM | 12 | 13 | 18.82 | 18.84 | 18.79 | |
| 5 | 256QAM | 25 | 0 | 18.77 | 18.77 | 18.74 | |

| Band 14_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23330 | | |
| Frequency (MHz) | | | | | 793 | | |
| 10 | QPSK | 1 | 0 | | 24.59 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 24.53 | | |
| 10 | QPSK | 1 | 49 | | 24.48 | | |
| 10 | QPSK | 25 | 0 | | 23.55 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 23.57 | | |
| 10 | QPSK | 25 | 25 | | 23.63 | | |
| 10 | QPSK | 50 | 0 | | 23.55 | | |
| 10 | 16QAM | 1 | 0 | | 23.95 | | 24.7 |
| 10 | 16QAM | 1 | 25 | | 23.91 | | |
| 10 | 16QAM | 1 | 49 | | 23.86 | | |
| 10 | 16QAM | 25 | 0 | | 22.54 | | 23.7 |
| 10 | 16QAM | 25 | 12 | | 22.57 | | |
| 10 | 16QAM | 25 | 25 | | 22.64 | | |
| 10 | 16QAM | 50 | 0 | | 22.55 | | |
| 10 | 64QAM | 1 | 0 | | 22.79 | | 23.7 |
| 10 | 64QAM | 1 | 25 | | 22.84 | | |
| 10 | 64QAM | 1 | 49 | | 22.79 | | |
| 10 | 64QAM | 25 | 0 | | 21.58 | | 22.7 |
| 10 | 64QAM | 25 | 12 | | 21.61 | | |
| 10 | 64QAM | 25 | 25 | | 21.63 | | |
| 10 | 64QAM | 50 | 0 | | 21.59 | | |
| 10 | 256QAM | 1 | 0 | | 19.53 | | 20.7 |
| 10 | 256QAM | 1 | 25 | | 19.37 | | |
| 10 | 256QAM | 1 | 49 | | 19.55 | | |
| 10 | 256QAM | 25 | 0 | | 19.29 | | 20.7 |
| 10 | 256QAM | 25 | 12 | | 19.34 | | |
| 10 | 256QAM | 25 | 25 | | 19.33 | | |
| 10 | 256QAM | 50 | 0 | | 19.25 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.48 | 24.45 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.56 | 24.53 | 24.58 | |
| 5 | QPSK | 1 | 24 | 24.55 | 24.55 | 24.48 | |
| 5 | QPSK | 12 | 0 | 23.62 | 23.54 | 23.51 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.66 | 23.66 | 23.60 | |
| 5 | QPSK | 12 | 13 | 23.61 | 23.60 | 23.56 | |
| 5 | QPSK | 25 | 0 | 23.59 | 23.54 | 23.52 | |
| 5 | 16QAM | 1 | 0 | 23.82 | 23.82 | 23.78 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.90 | 23.92 | 23.86 | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.88 | 23.79 | |
| 5 | 16QAM | 12 | 0 | 22.64 | 22.61 | 22.53 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.69 | 22.66 | |
| 5 | 16QAM | 12 | 13 | 22.60 | 22.63 | 22.58 | |
| 5 | 16QAM | 25 | 0 | 22.62 | 22.58 | 22.56 | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.77 | 22.77 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.83 | 22.85 | 22.84 | |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.82 | 22.80 | |
| 5 | 64QAM | 12 | 0 | 21.71 | 21.60 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.69 | 21.70 | 21.68 | |
| 5 | 64QAM | 12 | 13 | 21.63 | 21.66 | 21.61 | |
| 5 | 64QAM | 25 | 0 | 21.65 | 21.61 | 21.54 | |
| 5 | 256QAM | 1 | 0 | 19.47 | 19.49 | 19.53 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.31 | 19.33 | 19.28 | |
| 5 | 256QAM | 1 | 24 | 19.46 | 19.52 | 19.52 | |
| 5 | 256QAM | 12 | 0 | 19.19 | 19.27 | 19.27 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.28 | 19.26 | 19.34 | |
| 5 | 256QAM | 12 | 13 | 19.33 | 19.30 | 19.33 | |
| 5 | 256QAM | 25 | 0 | 19.21 | 19.19 | 19.15 | |

| Band 17_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 24.56 | 24.56 | 24.53 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.56 | 24.64 | 24.60 | |
| 10 | QPSK | 1 | 49 | 24.62 | 24.65 | 24.62 | |
| 10 | QPSK | 25 | 0 | 23.64 | 23.66 | 23.65 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.73 | 23.71 | |
| 10 | QPSK | 25 | 25 | 23.80 | 23.79 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.69 | 23.72 | 23.69 | |
| 10 | 16QAM | 1 | 0 | 23.90 | 23.92 | 23.91 | 24.7 |
| 10 | 16QAM | 1 | 25 | 24.01 | 24.01 | 24.00 | |
| 10 | 16QAM | 1 | 49 | 24.01 | 24.02 | 24.02 | |
| 10 | 16QAM | 25 | 0 | 22.65 | 22.64 | 22.64 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.78 | 22.71 | 22.71 | |
| 10 | 16QAM | 25 | 25 | 22.77 | 22.81 | 22.76 | |
| 10 | 16QAM | 50 | 0 | 22.69 | 22.70 | 22.67 | |
| 10 | 64QAM | 1 | 0 | 22.80 | 22.79 | 22.74 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.92 | 22.97 | 22.90 | |
| 10 | 64QAM | 1 | 49 | 22.52 | 22.58 | 22.63 | |
| 10 | 64QAM | 25 | 0 | 21.67 | 21.67 | 21.67 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.78 | 21.76 | |
| 10 | 64QAM | 25 | 25 | 21.80 | 21.82 | 21.82 | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.71 | 21.71 | |
| 10 | 256QAM | 1 | 0 | 19.44 | 19.37 | 19.33 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.50 | 19.48 | 19.51 | |
| 10 | 256QAM | 1 | 49 | 19.58 | 19.60 | 19.66 | |
| 10 | 256QAM | 25 | 0 | 19.46 | 19.44 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.56 | 19.52 | 19.43 | |
| 10 | 256QAM | 25 | 25 | 19.56 | 19.54 | 19.52 | |
| 10 | 256QAM | 50 | 0 | 19.45 | 19.48 | 19.45 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.57 | 24.56 | 24.55 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.60 | 24.61 | 24.63 | |
| 5 | QPSK | 1 | 24 | 24.64 | 24.61 | 24.64 | |
| 5 | QPSK | 12 | 0 | 23.67 | 23.69 | 23.66 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.78 | 23.74 | 23.69 | |
| 5 | QPSK | 12 | 13 | 23.77 | 23.76 | 23.73 | |
| 5 | QPSK | 25 | 0 | 23.75 | 23.75 | 23.65 | |
| 5 | 16QAM | 1 | 0 | 23.91 | 23.93 | 23.91 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.03 | 23.98 | |
| 5 | 16QAM | 1 | 24 | 24.06 | 24.04 | 24.01 | |
| 5 | 16QAM | 12 | 0 | 22.70 | 22.72 | 22.72 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.74 | 22.73 | |
| 5 | 16QAM | 12 | 13 | 22.78 | 22.77 | 22.74 | |
| 5 | 16QAM | 25 | 0 | 22.74 | 22.75 | 22.69 | |
| 5 | 64QAM | 1 | 0 | 22.89 | 22.87 | 22.88 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.90 | 22.96 | 22.90 | |
| 5 | 64QAM | 1 | 24 | 22.94 | 23.00 | 22.93 | |
| 5 | 64QAM | 12 | 0 | 21.73 | 21.77 | 21.78 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.81 | 21.79 | 21.73 | |
| 5 | 64QAM | 12 | 13 | 21.79 | 21.85 | 21.75 | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.74 | 21.70 | |
| 5 | 256QAM | 1 | 0 | 19.41 | 19.29 | 19.24 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.49 | 19.46 | 19.44 | |
| 5 | 256QAM | 1 | 24 | 19.48 | 19.59 | 19.60 | |
| 5 | 256QAM | 12 | 0 | 19.39 | 19.34 | 19.41 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.58 | 19.47 | 19.40 | |
| 5 | 256QAM | 12 | 13 | 19.53 | 19.54 | 19.52 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.41 | 19.45 | |

## Band 25_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 24.11 | 24.04 | 24.23 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.04 | 24.16 | 24.22 | |
| 20 | QPSK | 1 | 99 | 24.09 | 24.19 | 24.13 | |
| 20 | QPSK | 50 | 0 | 23.14 | 23.22 | 23.27 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.21 | 23.29 | 23.29 | |
| 20 | QPSK | 50 | 50 | 23.19 | 23.27 | 23.40 | |
| 20 | QPSK | 100 | 0 | 23.20 | 23.24 | 23.33 | |
| 20 | 16QAM | 1 | 0 | 23.36 | 23.34 | 23.51 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.39 | 23.45 | 23.58 | |
| 20 | 16QAM | 1 | 99 | 23.50 | 23.54 | 23.42 | |
| 20 | 16QAM | 50 | 0 | 22.11 | 22.19 | 22.31 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.23 | 22.35 | 22.33 | |
| 20 | 16QAM | 50 | 50 | 22.25 | 22.33 | 22.40 | |
| 20 | 16QAM | 100 | 0 | 22.17 | 22.29 | 22.35 | |
| 20 | 64QAM | 1 | 0 | 22.18 | 22.31 | 22.18 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.21 | 22.34 | 22.03 | |
| 20 | 64QAM | 1 | 99 | 22.27 | 22.43 | 21.70 | |
| 20 | 64QAM | 50 | 0 | 21.14 | 21.23 | 20.99 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.23 | 21.35 | 21.22 | |
| 20 | 64QAM | 50 | 50 | 21.23 | 21.31 | 21.08 | |
| 20 | 64QAM | 100 | 0 | 21.22 | 21.30 | 20.47 | |
| 20 | 256QAM | 1 | 0 | 19.65 | 19.44 | 19.86 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.71 | 19.75 | 19.77 | |
| 20 | 256QAM | 1 | 99 | 19.95 | 19.86 | 19.91 | |
| 20 | 256QAM | 50 | 0 | 19.56 | 19.62 | 19.70 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.76 | 19.64 | 19.72 | |
| 20 | 256QAM | 50 | 50 | 19.74 | 19.73 | 19.80 | |
| 20 | 256QAM | 100 | 0 | 19.64 | 19.72 | 19.77 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 24.08 | 23.99 | 24.18 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.01 | 24.14 | 24.21 | |
| 15 | QPSK | 1 | 74 | 24.00 | 24.11 | 24.09 | |
| 15 | QPSK | 36 | 0 | 23.10 | 23.15 | 23.17 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.14 | 23.19 | 23.26 | |
| 15 | QPSK | 36 | 39 | 23.16 | 23.17 | 23.32 | |
| 15 | QPSK | 75 | 0 | 23.15 | 23.19 | 23.28 | |
| 15 | 16QAM | 1 | 0 | 23.31 | 23.34 | 23.43 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.30 | 23.40 | 23.51 | |
| 15 | 16QAM | 1 | 74 | 23.41 | 23.46 | 23.40 | |
| 15 | 16QAM | 36 | 0 | 22.06 | 22.17 | 22.30 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.23 | 22.25 | 22.32 | |
| 15 | 16QAM | 36 | 39 | 22.22 | 22.26 | 22.37 | |
| 15 | 16QAM | 75 | 0 | 22.14 | 22.26 | 22.25 | |
| 15 | 64QAM | 1 | 0 | 22.18 | 22.21 | 22.09 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.18 | 22.33 | 21.98 | |
| 15 | 64QAM | 1 | 74 | 22.23 | 22.36 | 21.70 | |
| 15 | 64QAM | 36 | 0 | 21.07 | 21.15 | 20.93 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.18 | 21.32 | 21.13 | |
| 15 | 64QAM | 36 | 39 | 21.22 | 21.25 | 20.98 | |
| 15 | 64QAM | 75 | 0 | 21.18 | 21.25 | 20.70 | |
| 15 | 256QAM | 1 | 0 | 19.55 | 19.42 | 19.76 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.63 | 19.73 | 19.68 | |
| 15 | 256QAM | 1 | 74 | 19.85 | 19.84 | 19.86 | |
| 15 | 256QAM | 36 | 0 | 19.48 | 19.60 | 19.63 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.76 | 19.55 | 19.69 | |
| 15 | 256QAM | 36 | 39 | 19.71 | 19.70 | 19.73 | |
| 15 | 256QAM | 75 | 0 | 19.62 | 19.72 | 19.72 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 24.05 | 23.96 | 24.17 | 25.7 |
| 10 | QPSK | 1 | 25 | 23.97 | 24.14 | 24.13 | |
| 10 | QPSK | 1 | 49 | 24.09 | 24.12 | 24.06 | |
| 10 | QPSK | 25 | 0 | 23.04 | 23.22 | 23.26 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.20 | 23.20 | 23.28 | |
| 10 | QPSK | 25 | 25 | 23.19 | 23.26 | 23.33 | |
| 10 | QPSK | 50 | 0 | 23.16 | 23.17 | 23.30 | |
| 10 | 16QAM | 1 | 0 | 23.28 | 23.28 | 23.44 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.31 | 23.36 | 23.51 | |
| 10 | 16QAM | 1 | 49 | 23.42 | 23.51 | 23.38 | |
| 10 | 16QAM | 25 | 0 | 22.02 | 22.17 | 22.31 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.23 | 22.26 | 22.25 | |
| 10 | 16QAM | 25 | 25 | 22.17 | 22.27 | 22.32 | |
| 10 | 16QAM | 50 | 0 | 22.15 | 22.20 | 22.35 | |
| 10 | 64QAM | 1 | 0 | 22.17 | 22.31 | 22.14 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.19 | 22.25 | 21.97 | |
| 10 | 64QAM | 1 | 49 | 22.25 | 22.42 | 21.70 | |
| 10 | 64QAM | 25 | 0 | 21.08 | 21.15 | 20.92 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.21 | 21.30 | 21.16 | |
| 10 | 64QAM | 25 | 25 | 21.23 | 21.28 | 21.07 | |
| 10 | 64QAM | 50 | 0 | 21.17 | 21.30 | 20.47 | |
| 10 | 256QAM | 1 | 0 | 19.58 | 19.35 | 19.86 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.64 | 19.73 | 19.75 | |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.84 | 19.91 | |
| 10 | 256QAM | 25 | 0 | 19.47 | 19.58 | 19.69 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.70 | 19.61 | 19.62 | |
| 10 | 256QAM | 25 | 25 | 19.70 | 19.73 | 19.71 | |
| 10 | 256QAM | 50 | 0 | 19.57 | 19.65 | 19.77 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 24.09 | 24.00 | 24.15 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.98 | 24.11 | 24.13 | |
| 5 | QPSK | 1 | 24 | 24.05 | 24.15 | 24.11 | |
| 5 | QPSK | 12 | 0 | 23.10 | 23.19 | 23.24 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.21 | 23.24 | 23.28 | |
| 5 | QPSK | 12 | 13 | 23.14 | 23.23 | 23.34 | |
| 5 | QPSK | 25 | 0 | 23.14 | 23.19 | 23.28 | |
| 5 | 16QAM | 1 | 0 | 23.28 | 23.32 | 23.51 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.33 | 23.41 | 23.56 | |
| 5 | 16QAM | 1 | 24 | 23.49 | 23.46 | 23.37 | |
| 5 | 16QAM | 12 | 0 | 22.02 | 22.11 | 22.24 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.19 | 22.33 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.24 | 22.23 | 22.39 | |
| 5 | 16QAM | 25 | 0 | 22.15 | 22.20 | 22.35 | |
| 5 | 64QAM | 1 | 0 | 22.11 | 22.30 | 22.12 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.13 | 22.28 | 21.97 | |
| 5 | 64QAM | 1 | 24 | 22.18 | 22.36 | 21.70 | |
| 5 | 64QAM | 12 | 0 | 21.10 | 21.14 | 20.95 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.13 | 21.28 | 21.19 | |
| 5 | 64QAM | 12 | 13 | 21.14 | 21.23 | 21.04 | |
| 5 | 64QAM | 25 | 0 | 21.18 | 21.25 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 19.56 | 19.39 | 19.78 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.68 | 19.72 | 19.69 | |
| 5 | 256QAM | 1 | 24 | 19.90 | 19.77 | 19.89 | |
| 5 | 256QAM | 12 | 0 | 19.46 | 19.54 | 19.66 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.54 | 19.70 | |
| 5 | 256QAM | 12 | 13 | 19.74 | 19.69 | 19.78 | |
| 5 | 256QAM | 25 | 0 | 19.55 | 19.63 | 19.70 | |
| Channel | | | | 26025 | 26340 | 26675 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 24.01 | 23.97 | 24.13 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.94 | 24.12 | 24.18 | |
| 3 | QPSK | 1 | 14 | 24.02 | 24.18 | 24.06 | |
| 3 | QPSK | 8 | 0 | 23.05 | 23.17 | 23.24 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.17 | 23.28 | 23.24 | |
| 3 | QPSK | 8 | 7 | 23.15 | 23.22 | 23.35 | |
| 3 | QPSK | 15 | 0 | 23.20 | 23.24 | 23.32 | |
| 3 | 16QAM | 1 | 0 | 23.32 | 23.34 | 23.50 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.29 | 23.38 | 23.52 | |
| 3 | 16QAM | 1 | 14 | 23.42 | 23.48 | 23.42 | |
| 3 | 16QAM | 8 | 0 | 22.08 | 22.09 | 22.27 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.14 | 22.33 | 22.29 | |
| 3 | 16QAM | 8 | 7 | 22.15 | 22.31 | 22.30 | |
| 3 | 16QAM | 15 | 0 | 22.07 | 22.29 | 22.31 | |
| 3 | 64QAM | 1 | 0 | 22.18 | 22.23 | 22.18 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.16 | 22.30 | 22.02 | |
| 3 | 64QAM | 1 | 14 | 22.23 | 22.34 | 21.70 | |
| 3 | 64QAM | 8 | 0 | 21.05 | 21.20 | 20.89 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.20 | 21.33 | 21.15 | |
| 3 | 64QAM | 8 | 7 | 21.18 | 21.28 | 21.02 | |
| 3 | 64QAM | 15 | 0 | 21.18 | 21.27 | 20.47 | |
| 3 | 256QAM | 1 | 0 | 19.55 | 19.34 | 19.86 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.61 | 19.75 | 19.77 | |
| 3 | 256QAM | 1 | 14 | 19.93 | 19.86 | 19.82 | |
| 3 | 256QAM | 8 | 0 | 19.46 | 19.57 | 19.70 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.73 | 19.64 | 19.65 | |
| 3 | 256QAM | 8 | 7 | 19.73 | 19.65 | 19.71 | |
| 3 | 256QAM | 15 | 0 | 19.54 | 19.62 | 19.74 | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 23.85 | 23.91 | 24.01 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.93 | 24.02 | 24.10 | |
| 1.4 | QPSK | 1 | 5 | 23.88 | 23.98 | 23.99 | |
| 1.4 | QPSK | 3 | 0 | 23.85 | 23.93 | 24.05 | |
| 1.4 | QPSK | 3 | 1 | 23.93 | 23.99 | 24.09 | |
| 1.4 | QPSK | 3 | 3 | 23.92 | 24.02 | 23.94 | |
| 1.4 | QPSK | 6 | 0 | 22.95 | 23.04 | 23.10 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.16 | 23.20 | 23.33 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.26 | 23.25 | 23.29 | |
| 1.4 | 16QAM | 1 | 5 | 23.17 | 23.33 | 23.17 | |
| 1.4 | 16QAM | 3 | 0 | 22.94 | 23.06 | 23.09 | |
| 1.4 | 16QAM | 3 | 1 | 22.95 | 23.09 | 23.14 | |
| 1.4 | 16QAM | 3 | 3 | 23.01 | 23.08 | 23.11 | |
| 1.4 | 16QAM | 6 | 0 | 22.04 | 22.15 | 22.23 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.05 | 22.14 | 21.47 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.18 | 22.29 | 21.53 | |
| 1.4 | 64QAM | 1 | 5 | 22.08 | 22.20 | 21.43 | |
| 1.4 | 64QAM | 3 | 0 | 22.04 | 22.13 | 21.50 | |
| 1.4 | 64QAM | 3 | 1 | 22.13 | 22.17 | 21.57 | |
| 1.4 | 64QAM | 3 | 3 | 22.10 | 22.18 | 21.49 | |
| 1.4 | 64QAM | 6 | 0 | 20.93 | 21.05 | 20.47 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.61 | 19.36 | 19.88 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.69 | 19.83 | 19.67 | |
| 1.4 | 256QAM | 1 | 5 | 19.92 | 19.79 | 19.91 | |
| 1.4 | 256QAM | 3 | 0 | 19.58 | 19.50 | 19.58 | |
| 1.4 | 256QAM | 3 | 1 | 19.65 | 19.57 | 19.72 | |
| 1.4 | 256QAM | 3 | 3 | 19.66 | 19.72 | 19.73 | |
| 1.4 | 256QAM | 6 | 0 | 19.59 | 19.58 | 19.73 | 20.7 |

## Band 26_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26705 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 24.58 | 24.49 | 24.49 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.49 | 24.48 | 24.46 | |
| 15 | QPSK | 1 | 74 | 24.49 | 24.48 | 24.35 | |
| 15 | QPSK | 36 | 0 | 23.64 | 23.62 | 23.61 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.69 | 23.67 | 23.57 | |
| 15 | QPSK | 36 | 39 | 23.64 | 23.63 | 23.59 | |
| 15 | QPSK | 75 | 0 | 23.67 | 23.66 | 23.58 | |
| 15 | 16QAM | 1 | 0 | 23.88 | 23.77 | 23.80 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.79 | 23.78 | 23.78 | |
| 15 | 16QAM | 1 | 74 | 23.77 | 23.71 | 23.66 | |
| 15 | 16QAM | 36 | 0 | 22.63 | 22.62 | 22.59 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.65 | 22.65 | 22.55 | |
| 15 | 16QAM | 36 | 39 | 22.65 | 22.62 | 22.56 | |
| 15 | 16QAM | 75 | 0 | 22.68 | 22.65 | 22.61 | |
| 15 | 64QAM | 1 | 0 | 22.75 | 22.67 | 22.63 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.71 | 22.74 | 22.66 | |
| 15 | 64QAM | 1 | 74 | 22.72 | 22.68 | 22.03 | |
| 15 | 64QAM | 36 | 0 | 21.64 | 21.64 | 21.64 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.68 | 21.68 | 21.61 | |
| 15 | 64QAM | 36 | 39 | 21.67 | 21.64 | 21.63 | |
| 15 | 64QAM | 75 | 0 | 21.70 | 21.67 | 21.59 | |
| 15 | 256QAM | 1 | 0 | 19.49 | 19.43 | 19.44 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.45 | 19.37 | 19.46 | |
| 15 | 256QAM | 1 | 74 | 19.57 | 19.56 | 19.36 | |
| 15 | 256QAM | 36 | 0 | 19.39 | 19.40 | 19.38 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.42 | 19.45 | 19.38 | |
| 15 | 256QAM | 36 | 39 | 19.31 | 19.32 | 19.31 | |
| 15 | 256QAM | 75 | 0 | 19.41 | 19.43 | 19.34 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.54 | 24.52 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.53 | 24.52 | 24.49 | |
| 10 | QPSK | 1 | 49 | 24.53 | 24.54 | 24.42 | |
| 10 | QPSK | 25 | 0 | 23.68 | 23.57 | 23.57 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.68 | 23.59 | 23.56 | |
| 10 | QPSK | 25 | 25 | 23.63 | 23.59 | 23.57 | |
| 10 | QPSK | 50 | 0 | 23.65 | 23.65 | 23.54 | |
| 10 | 16QAM | 1 | 0 | 23.99 | 23.87 | 23.88 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.89 | 23.90 | 23.88 | |
| 10 | 16QAM | 1 | 49 | 23.93 | 23.94 | 23.75 | |
| 10 | 16QAM | 25 | 0 | 22.70 | 22.59 | 22.58 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.69 | 22.59 | 22.54 | |
| 10 | 16QAM | 25 | 25 | 22.60 | 22.63 | 22.55 | |
| 10 | 16QAM | 50 | 0 | 22.65 | 22.64 | 22.56 | |
| 10 | 64QAM | 1 | 0 | 22.92 | 22.78 | 22.74 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.80 | 22.80 | 22.78 | |
| 10 | 64QAM | 1 | 49 | 22.81 | 22.80 | 22.08 | |
| 10 | 64QAM | 25 | 0 | 21.51 | 21.60 | 21.62 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.70 | 21.63 | 21.62 | |
| 10 | 64QAM | 25 | 25 | 21.61 | 21.61 | 21.34 | |
| 10 | 64QAM | 50 | 0 | 21.51 | 21.67 | 21.55 | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.42 | 19.41 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.43 | 19.28 | 19.43 | |
| 10 | 256QAM | 1 | 49 | 19.47 | 19.49 | 19.28 | |
| 10 | 256QAM | 25 | 0 | 19.32 | 19.34 | 19.37 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.42 | 19.38 | |
| 10 | 256QAM | 25 | 25 | 19.29 | 19.25 | 19.24 | |
| 10 | 256QAM | 50 | 0 | 19.33 | 19.33 | 19.30 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.50 | 24.50 | 24.55 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.53 | 24.55 | 24.54 | |
| 5 | QPSK | 1 | 24 | 24.50 | 24.56 | 24.42 | |
| 5 | QPSK | 12 | 0 | 23.72 | 23.61 | 23.61 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.69 | 23.64 | 23.58 | |
| 5 | QPSK | 12 | 13 | 23.64 | 23.60 | 23.51 | |
| 5 | QPSK | 25 | 0 | 23.68 | 23.62 | 23.57 | |
| 5 | 16QAM | 1 | 0 | 24.01 | 23.91 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.96 | 23.96 | 23.78 | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.93 | 23.74 | |
| 5 | 16QAM | 12 | 0 | 22.78 | 22.63 | 22.64 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.73 | 22.68 | 22.59 | |
| 5 | 16QAM | 12 | 13 | 22.65 | 22.61 | 22.52 | |
| 5 | 16QAM | 25 | 0 | 22.69 | 22.62 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.84 | 22.81 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.72 | 22.84 | 22.34 | |
| 5 | 64QAM | 1 | 24 | 22.60 | 22.86 | 22.11 | |
| 5 | 64QAM | 12 | 0 | 21.55 | 21.67 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.67 | 21.71 | 21.21 | |
| 5 | 64QAM | 12 | 13 | 21.58 | 21.64 | 20.94 | |
| 5 | 64QAM | 25 | 0 | 21.52 | 21.68 | 21.22 | |
| 5 | 256QAM | 1 | 0 | 19.42 | 19.34 | 19.36 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.42 | 19.36 | 19.44 | |
| 5 | 256QAM | 1 | 24 | 19.48 | 19.48 | 19.27 | |
| 5 | 256QAM | 12 | 0 | 19.31 | 19.39 | 19.32 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.40 | 19.40 | 19.31 | |
| 5 | 256QAM | 12 | 13 | 19.28 | 19.28 | 19.30 | |
| 5 | 256QAM | 25 | 0 | 19.41 | 19.33 | 19.28 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.43 | 24.41 | 24.53 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.52 | 24.50 | 24.54 | |
| 3 | QPSK | 1 | 14 | 24.50 | 24.48 | 24.41 | |
| 3 | QPSK | 8 | 0 | 23.72 | 23.59 | 23.56 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.61 | 23.60 | 23.53 | |
| 3 | QPSK | 8 | 7 | 23.62 | 23.59 | 23.48 | |
| 3 | QPSK | 15 | 0 | 23.61 | 23.58 | 23.48 | |
| 3 | 16QAM | 1 | 0 | 23.93 | 23.87 | 23.87 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.90 | 23.89 | 23.74 | |
| 3 | 16QAM | 1 | 14 | 23.80 | 23.84 | 23.73 | |
| 3 | 16QAM | 8 | 0 | 22.74 | 22.57 | 22.54 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.65 | 22.65 | 22.54 | |
| 3 | 16QAM | 8 | 7 | 22.61 | 22.52 | 22.44 | |
| 3 | 16QAM | 15 | 0 | 22.68 | 22.61 | 22.57 | |
| 3 | 64QAM | 1 | 0 | 22.58 | 22.79 | 22.71 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.87 | 22.84 | 22.24 | |
| 3 | 64QAM | 1 | 14 | 22.59 | 22.86 | 22.11 | |
| 3 | 64QAM | 8 | 0 | 21.45 | 21.62 | 21.53 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.63 | 21.67 | 21.12 | |
| 3 | 64QAM | 8 | 7 | 21.54 | 21.64 | 20.90 | |
| 3 | 64QAM | 15 | 0 | 21.45 | 21.68 | 21.19 | |
| 3 | 256QAM | 1 | 0 | 19.47 | 19.43 | 19.39 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.40 | 19.29 | 19.46 | |
| 3 | 256QAM | 1 | 14 | 19.54 | 19.46 | 19.32 | |
| 3 | 256QAM | 8 | 0 | 19.30 | 19.35 | 19.33 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.41 | 19.37 | 19.29 | |
| 3 | 256QAM | 8 | 7 | 19.24 | 19.24 | 19.25 | |
| 3 | 256QAM | 15 | 0 | 19.34 | 19.42 | 19.25 | |
| Channel | | | | 26627 | 26865 | 27103 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 24.47 | 24.43 | 24.46 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.51 | 24.46 | 24.45 | |
| 1.4 | QPSK | 1 | 5 | 24.49 | 24.50 | 24.32 | |
| 1.4 | QPSK | 3 | 0 | 24.46 | 24.48 | 24.47 | |
| 1.4 | QPSK | 3 | 1 | 24.48 | 24.50 | 24.53 | |
| 1.4 | QPSK | 3 | 3 | 24.46 | 24.48 | 24.32 | |
| 1.4 | QPSK | 6 | 0 | 23.72 | 23.53 | 23.56 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.65 | 23.64 | 23.48 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.60 | 23.59 | 23.41 | |
| 1.4 | 16QAM | 1 | 5 | 23.58 | 23.60 | 23.54 | |
| 1.4 | 16QAM | 3 | 0 | 23.94 | 23.85 | 23.80 | |
| 1.4 | 16QAM | 3 | 1 | 23.87 | 23.88 | 23.77 | |
| 1.4 | 16QAM | 3 | 3 | 23.77 | 23.92 | 23.69 | |
| 1.4 | 16QAM | 6 | 0 | 22.77 | 22.61 | 22.60 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.66 | 22.84 | 22.59 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.55 | 22.61 | 22.43 | |
| 1.4 | 64QAM | 1 | 5 | 22.69 | 22.59 | 22.54 | |
| 1.4 | 64QAM | 3 | 0 | 22.51 | 22.75 | 22.79 | |
| 1.4 | 64QAM | 3 | 1 | 22.62 | 22.80 | 22.24 | |
| 1.4 | 64QAM | 3 | 3 | 22.60 | 22.86 | 22.09 | |
| 1.4 | 64QAM | 6 | 0 | 21.47 | 21.67 | 21.56 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.44 | 19.37 | 19.35 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.38 | 19.34 | 19.42 | |
| 1.4 | 256QAM | 1 | 5 | 19.55 | 19.49 | 19.28 | |
| 1.4 | 256QAM | 3 | 0 | 19.36 | 19.37 | 19.31 | |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.38 | 19.34 | |
| 1.4 | 256QAM | 3 | 3 | 19.21 | 19.27 | 19.28 | |
| 1.4 | 256QAM | 6 | 0 | 19.33 | 19.33 | 19.30 | 20.7 |

| Band 30_Ant 2 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 27710 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | QPSK | 1 | 0 | | 23.15 | | 24.2 |
| 10 | QPSK | 1 | 25 | | 23.09 | | |
| 10 | QPSK | 1 | 49 | | 23.02 | | |
| 10 | QPSK | 25 | 0 | | 22.08 | | 23.2 |
| 10 | QPSK | 25 | 12 | | 22.16 | | |
| 10 | QPSK | 25 | 25 | | 22.18 | | |
| 10 | QPSK | 50 | 0 | | 22.14 | | |
| 10 | 16QAM | 1 | 0 | | 22.44 | | 23.2 |
| 10 | 16QAM | 1 | 25 | | 22.48 | | |
| 10 | 16QAM | 1 | 49 | | 22.41 | | |
| 10 | 16QAM | 25 | 0 | | 21.08 | | 22.2 |
| 10 | 16QAM | 25 | 12 | | 21.14 | | |
| 10 | 16QAM | 25 | 25 | | 21.17 | | |
| 10 | 16QAM | 50 | 0 | | 21.14 | | |
| 10 | 64QAM | 1 | 0 | | 21.29 | | 22.2 |
| 10 | 64QAM | 1 | 25 | | 21.39 | | |
| 10 | 64QAM | 1 | 49 | | 21.27 | | |
| 10 | 64QAM | 25 | 0 | | 20.12 | | 21.2 |
| 10 | 64QAM | 25 | 12 | | 20.20 | | |
| 10 | 64QAM | 25 | 25 | | 20.20 | | |
| 10 | 64QAM | 50 | 0 | | 20.16 | | |
| 10 | 256QAM | 1 | 0 | | 18.80 | | 19.2 |
| 10 | 256QAM | 1 | 25 | | 18.94 | | |
| 10 | 256QAM | 1 | 49 | | 18.91 | | |
| 10 | 256QAM | 25 | 0 | | 18.78 | | 19.2 |
| 10 | 256QAM | 25 | 12 | | 18.73 | | |
| 10 | 256QAM | 25 | 25 | | 18.75 | | |
| 10 | 256QAM | 50 | 0 | | 18.77 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 22.97 | 23.01 | 23.05 | 24.2 |
| 5 | QPSK | 1 | 12 | 23.14 | 23.14 | 23.12 | |
| 5 | QPSK | 1 | 24 | 23.13 | 23.13 | 23.06 | |
| 5 | QPSK | 12 | 0 | 22.10 | 22.12 | 22.16 | 23.2 |
| 5 | QPSK | 12 | 7 | 22.23 | 22.17 | 22.21 | |
| 5 | QPSK | 12 | 13 | 22.22 | 22.17 | 22.19 | |
| 5 | QPSK | 25 | 0 | 22.18 | 22.14 | 22.19 | |
| 5 | 16QAM | 1 | 0 | 22.32 | 22.34 | 22.39 | 23.2 |
| 5 | 16QAM | 1 | 12 | 22.42 | 22.40 | 22.38 | |
| 5 | 16QAM | 1 | 24 | 22.44 | 22.40 | 22.36 | |
| 5 | 16QAM | 12 | 0 | 21.15 | 21.14 | 21.19 | 22.2 |
| 5 | 16QAM | 12 | 7 | 21.24 | 21.20 | 21.22 | |
| 5 | 16QAM | 12 | 13 | 21.25 | 21.18 | 21.22 | |
| 5 | 16QAM | 25 | 0 | 21.21 | 21.16 | 21.20 | |
| 5 | 64QAM | 1 | 0 | 21.28 | 21.32 | 21.34 | 22.2 |
| 5 | 64QAM | 1 | 12 | 21.32 | 21.36 | 21.33 | |
| 5 | 64QAM | 1 | 24 | 21.38 | 21.36 | 21.31 | |
| 5 | 64QAM | 12 | 0 | 20.17 | 20.21 | 20.29 | 21.2 |
| 5 | 64QAM | 12 | 7 | 20.29 | 20.23 | 20.28 | |
| 5 | 64QAM | 12 | 13 | 20.30 | 20.25 | 20.24 | |
| 5 | 64QAM | 25 | 0 | 20.25 | 20.17 | 20.20 | |
| 5 | 256QAM | 1 | 0 | 18.75 | 18.79 | 18.77 | 19.2 |
| 5 | 256QAM | 1 | 12 | 18.87 | 18.90 | 18.85 | |
| 5 | 256QAM | 1 | 24 | 18.90 | 18.83 | 18.87 | |
| 5 | 256QAM | 12 | 0 | 18.76 | 18.69 | 18.69 | 19.2 |
| 5 | 256QAM | 12 | 7 | 18.83 | 18.72 | 18.64 | |
| 5 | 256QAM | 12 | 13 | 18.85 | 18.75 | 18.71 | |
| 5 | 256QAM | 25 | 0 | 18.75 | 18.72 | 18.70 | |

## Band 66_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 24.26 | 24.32 | 24.25 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.22 | 24.27 | 24.20 | |
| 20 | QPSK | 1 | 99 | 24.23 | 24.29 | 24.24 | |
| 20 | QPSK | 50 | 0 | 23.26 | 23.35 | 23.22 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.38 | 23.30 | 23.30 | |
| 20 | QPSK | 50 | 50 | 23.37 | 23.32 | 23.26 | |
| 20 | QPSK | 100 | 0 | 23.36 | 23.31 | 23.33 | |
| 20 | 16QAM | 1 | 0 | 23.59 | 23.58 | 23.51 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.60 | 23.61 | 23.52 | |
| 20 | 16QAM | 1 | 99 | 23.61 | 23.56 | 23.47 | |
| 20 | 16QAM | 50 | 0 | 22.22 | 22.29 | 22.24 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.37 | 22.35 | 22.32 | |
| 20 | 16QAM | 50 | 50 | 22.40 | 22.36 | 22.31 | |
| 20 | 16QAM | 100 | 0 | 22.41 | 22.31 | 22.32 | |
| 20 | 64QAM | 1 | 0 | 22.11 | 22.57 | 22.37 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.46 | 22.51 | 21.75 | |
| 20 | 64QAM | 1 | 99 | 22.50 | 22.69 | 22.22 | |
| 20 | 64QAM | 50 | 0 | 21.28 | 21.34 | 20.98 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.43 | 21.37 | 20.95 | |
| 20 | 64QAM | 50 | 50 | 21.41 | 21.45 | 21.31 | |
| 20 | 64QAM | 100 | 0 | 21.40 | 21.31 | 21.15 | |
| 20 | 256QAM | 1 | 0 | 19.79 | 19.73 | 19.71 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.59 | 19.92 | 19.68 | |
| 20 | 256QAM | 1 | 99 | 20.01 | 19.95 | 19.79 | |
| 20 | 256QAM | 50 | 0 | 19.52 | 19.69 | 19.69 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.80 | 19.74 | 19.75 | |
| 20 | 256QAM | 50 | 50 | 19.73 | 19.71 | 19.58 | |
| 20 | 256QAM | 100 | 0 | 19.72 | 19.79 | 19.65 | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 24.20 | 24.26 | 24.18 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.13 | 24.18 | 24.20 | |
| 15 | QPSK | 1 | 74 | 24.16 | 24.25 | 24.14 | |
| 15 | QPSK | 36 | 0 | 23.22 | 23.34 | 23.18 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.32 | 23.28 | 23.24 | |
| 15 | QPSK | 36 | 39 | 23.30 | 23.22 | 23.25 | |
| 15 | QPSK | 75 | 0 | 23.31 | 23.24 | 23.24 | |
| 15 | 16QAM | 1 | 0 | 23.55 | 23.51 | 23.43 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.59 | 23.59 | 23.46 | |
| 15 | 16QAM | 1 | 74 | 23.51 | 23.52 | 23.47 | |
| 15 | 16QAM | 36 | 0 | 22.18 | 22.21 | 22.20 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.34 | 22.31 | 22.32 | |
| 15 | 16QAM | 36 | 39 | 22.30 | 22.32 | 22.27 | |
| 15 | 16QAM | 75 | 0 | 22.31 | 22.21 | 22.28 | |
| 15 | 64QAM | 1 | 0 | 22.07 | 22.55 | 22.35 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.40 | 22.44 | 21.70 | |
| 15 | 64QAM | 1 | 74 | 22.49 | 22.61 | 22.22 | |
| 15 | 64QAM | 36 | 0 | 21.23 | 21.28 | 20.98 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.35 | 21.32 | 20.95 | |
| 15 | 64QAM | 36 | 39 | 21.32 | 21.35 | 21.26 | |
| 15 | 64QAM | 75 | 0 | 21.38 | 21.27 | 21.07 | |
| 15 | 256QAM | 1 | 0 | 19.72 | 19.68 | 19.65 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.55 | 19.86 | 19.62 | |
| 15 | 256QAM | 1 | 74 | 20.00 | 19.93 | 19.69 | |
| 15 | 256QAM | 36 | 0 | 19.48 | 19.64 | 19.63 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.75 | 19.69 | 19.75 | |
| 15 | 256QAM | 36 | 39 | 19.65 | 19.69 | 19.58 | |
| 15 | 256QAM | 75 | 0 | 19.72 | 19.79 | 19.58 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 24.17 | 24.22 | 24.15 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.14 | 24.21 | 24.20 | |
| 10 | QPSK | 1 | 49 | 24.16 | 24.19 | 24.24 | |
| 10 | QPSK | 25 | 0 | 23.23 | 23.25 | 23.18 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.33 | 23.28 | 23.25 | |
| 10 | QPSK | 25 | 25 | 23.29 | 23.31 | 23.18 | |
| 10 | QPSK | 50 | 0 | 23.36 | 23.21 | 23.23 | |
| 10 | 16QAM | 1 | 0 | 23.52 | 23.48 | 23.46 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.54 | 23.60 | 23.52 | |
| 10 | 16QAM | 1 | 49 | 23.60 | 23.49 | 23.37 | |
| 10 | 16QAM | 25 | 0 | 22.19 | 22.19 | 22.23 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.28 | 22.28 | 22.31 | |
| 10 | 16QAM | 25 | 25 | 22.33 | 22.26 | 22.27 | |
| 10 | 16QAM | 50 | 0 | 22.38 | 22.28 | 22.23 | |
| 10 | 64QAM | 1 | 0 | 22.02 | 22.55 | 22.34 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.37 | 22.50 | 21.70 | |
| 10 | 64QAM | 1 | 49 | 22.40 | 22.63 | 22.17 | |
| 10 | 64QAM | 25 | 0 | 21.20 | 21.34 | 20.98 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.38 | 21.30 | 20.91 | |
| 10 | 64QAM | 25 | 25 | 21.39 | 21.37 | 21.27 | |
| 10 | 64QAM | 50 | 0 | 21.32 | 21.26 | 21.05 | |
| 10 | 256QAM | 1 | 0 | 19.74 | 19.68 | 19.63 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.52 | 19.91 | 19.58 | |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.91 | 19.70 | |
| 10 | 256QAM | 25 | 0 | 19.48 | 19.69 | 19.65 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.70 | 19.68 | 19.75 | |
| 10 | 256QAM | 25 | 25 | 19.73 | 19.62 | 19.48 | |
| 10 | 256QAM | 50 | 0 | 19.66 | 19.76 | 19.58 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 24.16 | 24.23 | 24.16 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.12 | 24.18 | 24.19 | |
| 5 | QPSK | 1 | 24 | 24.22 | 24.27 | 24.19 | |
| 5 | QPSK | 12 | 0 | 23.22 | 23.31 | 23.17 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.38 | 23.21 | 23.24 | |
| 5 | QPSK | 12 | 13 | 23.29 | 23.26 | 23.20 | |
| 5 | QPSK | 25 | 0 | 23.28 | 23.25 | 23.24 | |
| 5 | 16QAM | 1 | 0 | 23.58 | 23.51 | 23.43 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.50 | 23.54 | 23.43 | |
| 5 | 16QAM | 1 | 24 | 23.56 | 23.46 | 23.40 | |
| 5 | 16QAM | 12 | 0 | 22.20 | 22.25 | 22.22 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.28 | 22.29 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.30 | 22.29 | 22.29 | |
| 5 | 16QAM | 25 | 0 | 22.34 | 22.22 | 22.25 | |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.53 | 22.30 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.43 | 22.45 | 21.70 | |
| 5 | 64QAM | 1 | 24 | 22.48 | 22.62 | 22.21 | |
| 5 | 64QAM | 12 | 0 | 21.21 | 21.30 | 20.98 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.36 | 21.34 | 20.87 | |
| 5 | 64QAM | 12 | 13 | 21.37 | 21.39 | 21.26 | |
| 5 | 64QAM | 25 | 0 | 21.32 | 21.21 | 21.09 | |
| 5 | 256QAM | 1 | 0 | 19.69 | 19.66 | 19.71 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.57 | 19.90 | 19.58 | |
| 5 | 256QAM | 1 | 24 | 19.98 | 19.91 | 19.72 | |
| 5 | 256QAM | 12 | 0 | 19.48 | 19.65 | 19.65 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.79 | 19.73 | 19.73 | |
| 5 | 256QAM | 12 | 13 | 19.71 | 19.67 | 19.51 | |
| 5 | 256QAM | 25 | 0 | 19.68 | 19.74 | 19.61 | |
| Channel | | | | 131967 | 132322 | 132677 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 24.23 | 24.28 | 24.17 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.21 | 24.23 | 24.15 | |
| 3 | QPSK | 1 | 14 | 24.16 | 24.24 | 24.21 | |
| 3 | QPSK | 8 | 0 | 23.26 | 23.34 | 23.19 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.37 | 23.23 | 23.30 | |
| 3 | QPSK | 8 | 7 | 23.32 | 23.22 | 23.20 | |
| 3 | QPSK | 15 | 0 | 23.33 | 23.28 | 23.29 | |
| 3 | 16QAM | 1 | 0 | 23.59 | 23.51 | 23.49 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.58 | 23.58 | 23.48 | |
| 3 | 16QAM | 1 | 14 | 23.56 | 23.49 | 23.40 | |
| 3 | 16QAM | 8 | 0 | 22.16 | 22.26 | 22.19 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.31 | 22.26 | 22.39 | |
| 3 | 16QAM | 8 | 7 | 22.36 | 22.36 | 22.28 | |
| 3 | 16QAM | 15 | 0 | 22.39 | 22.30 | 22.26 | |
| 3 | 64QAM | 1 | 0 | 22.04 | 22.54 | 22.35 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.46 | 22.48 | 21.73 | |
| 3 | 64QAM | 1 | 14 | 22.43 | 22.61 | 22.22 | |
| 3 | 64QAM | 8 | 0 | 21.19 | 21.34 | 20.90 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.41 | 21.33 | 20.89 | |
| 3 | 64QAM | 8 | 7 | 21.32 | 21.37 | 21.21 | |
| 3 | 64QAM | 15 | 0 | 21.33 | 21.31 | 21.05 | |
| 3 | 256QAM | 1 | 0 | 19.69 | 19.72 | 19.70 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.54 | 19.86 | 19.64 | |
| 3 | 256QAM | 1 | 14 | 19.93 | 19.91 | 19.74 | |
| 3 | 256QAM | 8 | 0 | 19.42 | 19.65 | 19.60 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.75 | 19.72 | 19.65 | |
| 3 | 256QAM | 8 | 7 | 19.71 | 19.66 | 19.57 | |
| 3 | 256QAM | 15 | 0 | 19.63 | 19.71 | 19.63 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 24.02 | 24.09 | 24.01 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.08 | 24.13 | 24.09 | |
| 1.4 | QPSK | 1 | 5 | 24.03 | 24.08 | 23.96 | |
| 1.4 | QPSK | 3 | 0 | 24.13 | 24.13 | 24.05 | |
| 1.4 | QPSK | 3 | 1 | 24.16 | 24.19 | 24.08 | |
| 1.4 | QPSK | 3 | 3 | 24.06 | 24.16 | 24.02 | |
| 1.4 | QPSK | 6 | 0 | 23.11 | 23.17 | 23.05 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.36 | 23.47 | 23.29 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.45 | 23.46 | 23.36 | |
| 1.4 | 16QAM | 1 | 5 | 23.33 | 23.45 | 23.38 | |
| 1.4 | 16QAM | 3 | 0 | 23.17 | 23.22 | 23.11 | |
| 1.4 | 16QAM | 3 | 1 | 23.27 | 23.33 | 23.16 | |
| 1.4 | 16QAM | 3 | 3 | 23.14 | 23.20 | 23.10 | |
| 1.4 | 16QAM | 6 | 0 | 22.20 | 22.26 | 22.17 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.07 | 22.39 | 22.25 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.17 | 22.50 | 22.31 | |
| 1.4 | 64QAM | 1 | 5 | 22.08 | 22.36 | 22.24 | |
| 1.4 | 64QAM | 3 | 0 | 22.04 | 22.28 | 22.18 | |
| 1.4 | 64QAM | 3 | 1 | 22.16 | 22.39 | 22.25 | |
| 1.4 | 64QAM | 3 | 3 | 22.16 | 22.33 | 22.15 | |
| 1.4 | 64QAM | 6 | 0 | 21.03 | 21.23 | 21.09 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.63 | 19.40 | 19.85 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.64 | 19.61 | 19.75 | |
| 1.4 | 256QAM | 1 | 5 | 19.91 | 19.80 | 19.84 | |
| 1.4 | 256QAM | 3 | 0 | 19.52 | 19.51 | 19.57 | |
| 1.4 | 256QAM | 3 | 1 | 19.64 | 19.60 | 19.67 | |
| 1.4 | 256QAM | 3 | 3 | 19.64 | 19.67 | 19.79 | |
| 1.4 | 256QAM | 6 | 0 | 19.55 | 19.61 | 19.64 | 20.7 |

## Band 71_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 133222 | 133322 | 133372 | |
| Frequency (MHz) | | | | 673 | 683 | 688 | |
| 20 | QPSK | 1 | 0 | 24.65 | 24.57 | 24.52 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.58 | 24.53 | 24.51 | |
| 20 | QPSK | 1 | 99 | 24.51 | 24.53 | 24.50 | |
| 20 | QPSK | 50 | 0 | 23.69 | 23.66 | 23.58 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.71 | 23.61 | 23.61 | |
| 20 | QPSK | 50 | 50 | 23.70 | 23.64 | 23.63 | |
| 20 | QPSK | 100 | 0 | 23.70 | 23.60 | 23.58 | |
| 20 | 16QAM | 1 | 0 | 24.02 | 23.92 | 23.82 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.92 | 23.89 | 23.85 | |
| 20 | 16QAM | 1 | 99 | 23.89 | 23.86 | 23.85 | |
| 20 | 16QAM | 50 | 0 | 22.70 | 22.66 | 22.57 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.73 | 22.63 | 22.61 | |
| 20 | 16QAM | 50 | 50 | 22.70 | 22.66 | 22.64 | |
| 20 | 16QAM | 100 | 0 | 22.70 | 22.62 | 22.59 | |
| 20 | 64QAM | 1 | 0 | 22.82 | 22.75 | 22.74 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.81 | 22.69 | 22.71 | |
| 20 | 64QAM | 1 | 99 | 22.78 | 22.77 | 22.76 | |
| 20 | 64QAM | 50 | 0 | 21.58 | 21.67 | 21.61 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.73 | 21.65 | 21.65 | |
| 20 | 64QAM | 50 | 50 | 21.71 | 21.66 | 21.65 | |
| 20 | 64QAM | 100 | 0 | 21.74 | 21.62 | 21.62 | |
| 20 | 256QAM | 1 | 0 | 19.58 | 19.60 | 19.37 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.41 | 19.36 | 19.39 | |
| 20 | 256QAM | 1 | 99 | 19.45 | 19.55 | 19.55 | |
| 20 | 256QAM | 50 | 0 | 19.41 | 19.47 | 19.44 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.38 | 19.44 | 19.38 | |
| 20 | 256QAM | 50 | 50 | 19.40 | 19.36 | 19.29 | |
| 20 | 256QAM | 100 | 0 | 19.43 | 19.43 | 19.32 | |
| Channel | | | | 133197 | 133297 | 133397 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 24.64 | 24.57 | 24.53 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.50 | 24.53 | 24.52 | |
| 15 | QPSK | 1 | 74 | 24.53 | 24.58 | 24.53 | |
| 15 | QPSK | 36 | 0 | 23.68 | 23.64 | 23.60 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.71 | 23.69 | 23.69 | |
| 15 | QPSK | 36 | 39 | 23.64 | 23.63 | 23.61 | |
| 15 | QPSK | 75 | 0 | 23.72 | 23.69 | 23.69 | |
| 15 | 16QAM | 1 | 0 | 24.01 | 23.93 | 23.84 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.84 | 23.90 | 23.88 | |
| 15 | 16QAM | 1 | 74 | 23.82 | 23.92 | 23.84 | |
| 15 | 16QAM | 36 | 0 | 22.68 | 22.64 | 22.62 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.71 | 22.69 | 22.68 | |
| 15 | 16QAM | 36 | 39 | 22.64 | 22.62 | 22.63 | |
| 15 | 16QAM | 75 | 0 | 22.73 | 22.69 | 22.67 | |
| 15 | 64QAM | 1 | 0 | 22.47 | 22.79 | 22.75 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.63 | 22.78 | 22.78 | |
| 15 | 64QAM | 1 | 74 | 22.75 | 22.83 | 22.77 | |
| 15 | 64QAM | 36 | 0 | 21.48 | 21.69 | 21.63 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.52 | 21.71 | 21.71 | |
| 15 | 64QAM | 36 | 39 | 21.66 | 21.65 | 21.66 | |
| 15 | 64QAM | 75 | 0 | 21.70 | 21.70 | 21.68 | |
| 15 | 256QAM | 1 | 0 | 19.49 | 19.52 | 19.27 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.33 | 19.28 | 19.32 | |
| 15 | 256QAM | 1 | 74 | 19.40 | 19.51 | 19.52 | |
| 15 | 256QAM | 36 | 0 | 19.35 | 19.41 | 19.37 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.32 | 19.43 | 19.30 | |
| 15 | 256QAM | 36 | 39 | 19.30 | 19.36 | 19.25 | |
| 15 | 256QAM | 75 | 0 | 19.38 | 19.38 | 19.31 | |
| Channel | | | | 133172 | 133272 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 678 | 693 | |
| 10 | QPSK | 1 | 0 | 24.62 | 24.57 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.55 | 24.45 | 24.50 | |
| 10 | QPSK | 1 | 49 | 24.52 | 24.51 | 24.45 | |
| 10 | QPSK | 25 | 0 | 23.72 | 23.58 | 23.53 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.71 | 23.58 | 23.59 | |
| 10 | QPSK | 25 | 25 | 23.66 | 23.62 | 23.61 | |
| 10 | QPSK | 50 | 0 | 23.71 | 23.65 | 23.56 | |
| 10 | 16QAM | 1 | 0 | 24.05 | 23.91 | 23.84 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.93 | 23.86 | 23.89 | |
| 10 | 16QAM | 1 | 49 | 23.68 | 23.90 | 23.83 | |
| 10 | 16QAM | 25 | 0 | 22.72 | 22.55 | 22.54 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.71 | 22.57 | 22.54 | |
| 10 | 16QAM | 25 | 25 | 22.64 | 22.60 | 22.61 | |
| 10 | 16QAM | 50 | 0 | 22.71 | 22.63 | 22.54 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.78 | 22.73 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.58 | 22.79 | 22.80 | |
| 10 | 64QAM | 1 | 49 | 22.66 | 22.81 | 22.71 | |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.59 | 21.60 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.60 | 21.62 | |
| 10 | 64QAM | 25 | 25 | 21.28 | 21.65 | 21.64 | |
| 10 | 64QAM | 50 | 0 | 21.41 | 21.66 | 21.57 | |
| 10 | 256QAM | 1 | 0 | 19.55 | 19.57 | 19.36 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.38 | 19.28 | 19.34 | |
| 10 | 256QAM | 1 | 49 | 19.37 | 19.45 | 19.55 | |
| 10 | 256QAM | 25 | 0 | 19.34 | 19.42 | 19.37 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.32 | 19.35 | 19.32 | |
| 10 | 256QAM | 25 | 25 | 19.40 | 19.28 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.36 | 19.33 | 19.22 | |
| Channel | | | | 133147 | 133247 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 675.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 24.60 | 24.57 | 24.58 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.61 | 24.54 | 24.56 | |
| 5 | QPSK | 1 | 24 | 24.56 | 24.54 | 24.47 | |
| 5 | QPSK | 12 | 0 | 23.79 | 23.63 | 23.64 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.73 | 23.64 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.66 | 23.60 | 23.61 | |
| 5 | QPSK | 25 | 0 | 23.70 | 23.64 | 23.59 | |
| 5 | 16QAM | 1 | 0 | 24.02 | 23.92 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.95 | 23.90 | 23.88 | |
| 5 | 16QAM | 1 | 24 | 23.89 | 23.86 | 23.83 | |
| 5 | 16QAM | 12 | 0 | 22.82 | 22.66 | 22.68 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.68 | 22.70 | |
| 5 | 16QAM | 12 | 13 | 22.69 | 22.61 | 22.61 | |
| 5 | 16QAM | 25 | 0 | 22.73 | 22.65 | 22.62 | |
| 5 | 64QAM | 1 | 0 | 22.23 | 22.90 | 22.79 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.48 | 22.85 | 22.81 | |
| 5 | 64QAM | 1 | 24 | 22.47 | 22.83 | 22.78 | |
| 5 | 64QAM | 12 | 0 | 21.34 | 21.70 | 21.71 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.49 | 21.70 | 21.73 | |
| 5 | 64QAM | 12 | 13 | 21.38 | 21.64 | 21.65 | |
| 5 | 64QAM | 25 | 0 | 21.31 | 21.67 | 21.62 | |
| 5 | 256QAM | 1 | 0 | 19.55 | 19.52 | 19.31 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.37 | 19.28 | 19.36 | |
| 5 | 256QAM | 1 | 24 | 19.36 | 19.47 | 19.55 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.45 | 19.34 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.39 | 19.32 | |
| 5 | 256QAM | 12 | 13 | 19.36 | 19.36 | 19.20 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.35 | 19.31 | |

## Band 2_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 23.55 | 23.59 | 23.70 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.51 | 23.65 | 23.64 | |
| 20 | QPSK | 1 | 99 | 23.55 | 23.61 | 23.62 | |
| 20 | QPSK | 50 | 0 | 22.57 | 22.71 | 22.71 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.67 | 22.73 | 22.73 | |
| 20 | QPSK | 50 | 50 | 22.65 | 22.77 | 22.84 | |
| 20 | QPSK | 100 | 0 | 22.68 | 22.69 | 22.74 | |
| 20 | 16QAM | 1 | 0 | 22.96 | 22.95 | 22.98 | 24.5 |
| 20 | 16QAM | 1 | 49 | 22.84 | 22.98 | 22.94 | |
| 20 | 16QAM | 1 | 99 | 22.84 | 22.90 | 22.91 | |
| 20 | 16QAM | 50 | 0 | 21.60 | 21.72 | 21.72 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.68 | 21.75 | 21.77 | |
| 20 | 16QAM | 50 | 50 | 21.66 | 21.78 | 21.83 | |
| 20 | 16QAM | 100 | 0 | 21.65 | 21.68 | 21.75 | |
| 20 | 64QAM | 1 | 0 | 22.73 | 21.80 | 21.88 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.72 | 21.87 | 21.33 | |
| 20 | 64QAM | 1 | 99 | 22.82 | 21.79 | 21.82 | |
| 20 | 64QAM | 50 | 0 | 21.58 | 20.73 | 20.74 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.66 | 20.77 | 20.50 | |
| 20 | 64QAM | 50 | 50 | 21.64 | 20.80 | 20.76 | |
| 20 | 64QAM | 100 | 0 | 21.65 | 20.74 | 20.60 | |
| 20 | 256QAM | 1 | 0 | 18.70 | 18.84 | 18.90 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.81 | 18.99 | 18.96 | |
| 20 | 256QAM | 1 | 99 | 18.86 | 18.97 | 19.03 | |
| 20 | 256QAM | 50 | 0 | 18.64 | 18.75 | 18.80 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.76 | 18.80 | 18.85 | |
| 20 | 256QAM | 50 | 50 | 18.83 | 18.86 | 18.96 | |
| 20 | 256QAM | 100 | 0 | 18.76 | 18.81 | 18.86 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 23.54 | 23.59 | 23.68 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.51 | 23.62 | 23.58 | |
| 15 | QPSK | 1 | 74 | 23.52 | 23.59 | 23.54 | |
| 15 | QPSK | 36 | 0 | 22.56 | 22.69 | 22.64 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.67 | 22.63 | 22.65 | |
| 15 | QPSK | 36 | 39 | 22.59 | 22.69 | 22.76 | |
| 15 | QPSK | 75 | 0 | 22.62 | 22.65 | 22.69 | |
| 15 | 16QAM | 1 | 0 | 22.90 | 22.88 | 22.88 | 24.5 |
| 15 | 16QAM | 1 | 37 | 22.83 | 22.96 | 22.91 | |
| 15 | 16QAM | 1 | 74 | 22.81 | 22.89 | 22.82 | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.64 | 21.64 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.60 | 21.73 | 21.76 | |
| 15 | 16QAM | 36 | 39 | 21.60 | 21.70 | 21.76 | |
| 15 | 16QAM | 75 | 0 | 21.60 | 21.58 | 21.71 | |
| 15 | 64QAM | 1 | 0 | 22.65 | 21.72 | 21.83 | 23.5 |
| 15 | 64QAM | 1 | 37 | 22.72 | 21.82 | 21.55 | |
| 15 | 64QAM | 1 | 74 | 22.81 | 21.79 | 21.80 | |
| 15 | 64QAM | 36 | 0 | 21.51 | 20.63 | 20.71 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.65 | 20.74 | 20.58 | |
| 15 | 64QAM | 36 | 39 | 21.56 | 20.70 | 20.74 | |
| 15 | 64QAM | 75 | 0 | 21.55 | 20.66 | 20.59 | |
| 15 | 256QAM | 1 | 0 | 18.60 | 18.75 | 18.85 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.71 | 18.90 | 18.95 | |
| 15 | 256QAM | 1 | 74 | 18.79 | 18.89 | 18.95 | |
| 15 | 256QAM | 36 | 0 | 18.57 | 18.70 | 18.76 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.74 | 18.79 | 18.85 | |
| 15 | 256QAM | 36 | 39 | 18.75 | 18.78 | 18.86 | |
| 15 | 256QAM | 75 | 0 | 18.72 | 18.80 | 18.85 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 23.53 | 23.51 | 23.69 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.51 | 23.58 | 23.55 | |
| 10 | QPSK | 1 | 49 | 23.52 | 23.57 | 23.62 | |
| 10 | QPSK | 25 | 0 | 22.53 | 22.63 | 22.62 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.64 | 22.64 | 22.66 | |
| 10 | QPSK | 25 | 25 | 22.63 | 22.71 | 22.83 | |
| 10 | QPSK | 50 | 0 | 22.59 | 22.67 | 22.64 | |
| 10 | 16QAM | 1 | 0 | 22.95 | 22.93 | 22.96 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.78 | 22.98 | 22.90 | |
| 10 | 16QAM | 1 | 49 | 22.75 | 22.85 | 22.89 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.62 | 21.67 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.63 | 21.70 | 21.70 | |
| 10 | 16QAM | 25 | 25 | 21.64 | 21.74 | 21.74 | |
| 10 | 16QAM | 50 | 0 | 21.62 | 21.61 | 21.74 | |
| 10 | 64QAM | 1 | 0 | 22.67 | 21.72 | 21.84 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.70 | 21.84 | 21.52 | |
| 10 | 64QAM | 1 | 49 | 22.73 | 21.72 | 21.74 | |
| 10 | 64QAM | 25 | 0 | 21.52 | 20.66 | 20.71 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.59 | 20.69 | 20.52 | |
| 10 | 64QAM | 25 | 25 | 21.60 | 20.73 | 20.70 | |
| 10 | 64QAM | 50 | 0 | 21.59 | 20.65 | 20.56 | |
| 10 | 256QAM | 1 | 0 | 18.62 | 18.81 | 18.89 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.73 | 18.96 | 18.95 | |
| 10 | 256QAM | 1 | 49 | 18.76 | 18.97 | 18.94 | |
| 10 | 256QAM | 25 | 0 | 18.54 | 18.75 | 18.80 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.73 | 18.77 | 18.83 | |
| 10 | 256QAM | 25 | 25 | 18.76 | 18.81 | 18.95 | |
| 10 | 256QAM | 50 | 0 | 18.67 | 18.79 | 18.83 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 23.55 | 23.56 | 23.66 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.57 | 23.62 | |
| 5 | QPSK | 1 | 24 | 23.54 | 23.54 | 23.61 | |
| 5 | QPSK | 12 | 0 | 22.53 | 22.63 | 22.61 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.57 | 22.63 | 22.67 | |
| 5 | QPSK | 12 | 13 | 22.65 | 22.76 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.63 | 22.68 | 22.74 | |
| 5 | 16QAM | 1 | 0 | 22.93 | 22.89 | 22.98 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.81 | 22.93 | 22.91 | |
| 5 | 16QAM | 1 | 24 | 22.81 | 22.82 | 22.86 | |
| 5 | 16QAM | 12 | 0 | 21.59 | 21.71 | 21.67 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.64 | 21.73 | 21.75 | |
| 5 | 16QAM | 12 | 13 | 21.63 | 21.68 | 21.77 | |
| 5 | 16QAM | 25 | 0 | 21.58 | 21.60 | 21.69 | |
| 5 | 64QAM | 1 | 0 | 22.71 | 21.79 | 21.86 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.69 | 21.82 | 21.53 | |
| 5 | 64QAM | 1 | 24 | 22.75 | 21.71 | 21.81 | |
| 5 | 64QAM | 12 | 0 | 21.50 | 20.68 | 20.66 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.60 | 20.69 | 20.50 | |
| 5 | 64QAM | 12 | 13 | 21.63 | 20.70 | 20.67 | |
| 5 | 64QAM | 25 | 0 | 21.62 | 20.72 | 20.57 | |
| 5 | 256QAM | 1 | 0 | 18.70 | 18.80 | 18.88 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.94 | 18.88 | |
| 5 | 256QAM | 1 | 24 | 18.80 | 18.87 | 19.03 | |
| 5 | 256QAM | 12 | 0 | 18.62 | 18.74 | 18.78 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.68 | 18.79 | 18.77 | |
| 5 | 256QAM | 12 | 13 | 18.80 | 18.83 | 18.88 | |
| 5 | 256QAM | 25 | 0 | 18.76 | 18.77 | 18.83 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 23.56 | 23.50 | 23.66 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.51 | 23.65 | 23.57 | |
| 3 | QPSK | 1 | 14 | 23.51 | 23.52 | 23.54 | |
| 3 | QPSK | 8 | 0 | 22.52 | 22.70 | 22.69 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.67 | 22.70 | 22.69 | |
| 3 | QPSK | 8 | 7 | 22.64 | 22.76 | 22.78 | |
| 3 | QPSK | 15 | 0 | 22.61 | 22.67 | 22.67 | |
| 3 | 16QAM | 1 | 0 | 22.91 | 22.91 | 22.96 | 24.5 |
| 3 | 16QAM | 1 | 8 | 22.81 | 22.89 | 22.88 | |
| 3 | 16QAM | 1 | 14 | 22.83 | 22.87 | 22.85 | |
| 3 | 16QAM | 8 | 0 | 21.55 | 21.66 | 21.72 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.62 | 21.66 | 21.76 | |
| 3 | 16QAM | 8 | 7 | 21.59 | 21.71 | 21.76 | |
| 3 | 16QAM | 15 | 0 | 21.55 | 21.62 | 21.72 | |
| 3 | 64QAM | 1 | 0 | 22.70 | 21.80 | 21.80 | 23.5 |
| 3 | 64QAM | 1 | 8 | 22.66 | 21.79 | 21.53 | |
| 3 | 64QAM | 1 | 14 | 22.82 | 21.79 | 21.73 | |
| 3 | 64QAM | 8 | 0 | 21.52 | 20.73 | 20.67 | 22.5 |
| 3 | 64QAM | 8 | 4 | 21.56 | 20.73 | 21.58 | |
| 3 | 64QAM | 8 | 7 | 21.57 | 20.78 | 20.69 | |
| 3 | 64QAM | 15 | 0 | 21.63 | 20.74 | 20.54 | |
| 3 | 256QAM | 1 | 0 | 18.70 | 18.81 | 18.88 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.81 | 18.95 | 18.95 | |
| 3 | 256QAM | 1 | 14 | 18.83 | 18.94 | 19.03 | |
| 3 | 256QAM | 8 | 0 | 18.59 | 18.66 | 18.70 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.74 | 18.72 | 18.75 | |
| 3 | 256QAM | 8 | 7 | 18.74 | 18.84 | 18.91 | |
| 3 | 256QAM | 15 | 0 | 18.71 | 18.80 | 18.84 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 23.51 | 23.52 | 23.57 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.56 | 23.61 | 23.63 | |
| 1.4 | QPSK | 1 | 5 | 23.50 | 23.57 | 23.58 | |
| 1.4 | QPSK | 3 | 0 | 23.55 | 23.54 | 23.61 | |
| 1.4 | QPSK | 3 | 1 | 23.58 | 23.65 | 23.66 | |
| 1.4 | QPSK | 3 | 3 | 23.53 | 23.60 | 23.63 | |
| 1.4 | QPSK | 6 | 0 | 22.59 | 22.56 | 22.72 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.72 | 22.79 | 22.95 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 22.80 | 22.95 | 22.96 | |
| 1.4 | 16QAM | 1 | 5 | 22.74 | 22.85 | 22.92 | |
| 1.4 | 16QAM | 3 | 0 | 22.51 | 22.62 | 22.69 | |
| 1.4 | 16QAM | 3 | 1 | 22.58 | 22.71 | 22.74 | |
| 1.4 | 16QAM | 3 | 3 | 22.50 | 22.66 | 22.66 | |
| 1.4 | 16QAM | 6 | 0 | 21.57 | 21.68 | 21.70 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.68 | 21.76 | 21.94 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.70 | 21.86 | 21.80 | |
| 1.4 | 64QAM | 1 | 5 | 21.62 | 21.82 | 21.83 | |
| 1.4 | 64QAM | 3 | 0 | 21.64 | 21.71 | 21.82 | |
| 1.4 | 64QAM | 3 | 1 | 21.67 | 21.84 | 21.87 | |
| 1.4 | 64QAM | 3 | 3 | 21.64 | 21.78 | 21.80 | |
| 1.4 | 64QAM | 6 | 0 | 20.51 | 20.60 | 20.74 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.63 | 18.60 | 18.62 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.64 | 18.67 | 18.66 | |
| 1.4 | 256QAM | 1 | 5 | 18.67 | 18.67 | 18.60 | |
| 1.4 | 256QAM | 3 | 0 | 18.65 | 18.68 | 18.61 | |
| 1.4 | 256QAM | 3 | 1 | 18.62 | 18.65 | 18.66 | |
| 1.4 | 256QAM | 3 | 3 | 18.64 | 18.69 | 18.67 | |
| 1.4 | 256QAM | 6 | 0 | 18.66 | 18.67 | 18.67 | 20.5 |

## Band 4_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 23.99 | 24.00 | 23.98 | 25.7 |
| 20 | QPSK | 1 | 49 | 23.82 | 23.81 | 23.78 | |
| 20 | QPSK | 1 | 99 | 23.78 | 23.79 | 23.72 | |
| 20 | QPSK | 50 | 0 | 23.01 | 23.03 | 22.98 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.03 | 22.94 | 22.91 | |
| 20 | QPSK | 50 | 50 | 22.95 | 22.90 | 22.89 | |
| 20 | QPSK | 100 | 0 | 23.00 | 22.97 | 22.87 | |
| 20 | 16QAM | 1 | 0 | 23.34 | 23.29 | 23.33 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.17 | 23.19 | 23.11 | |
| 20 | 16QAM | 1 | 99 | 23.15 | 23.09 | 23.04 | |
| 20 | 16QAM | 50 | 0 | 22.02 | 22.03 | 21.98 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.05 | 21.96 | 21.90 | |
| 20 | 16QAM | 50 | 50 | 21.98 | 21.94 | 21.90 | |
| 20 | 16QAM | 100 | 0 | 22.01 | 21.96 | 21.90 | |
| 20 | 64QAM | 1 | 0 | 21.23 | 22.22 | 22.06 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.03 | 22.01 | 22.02 | |
| 20 | 64QAM | 1 | 99 | 22.04 | 21.91 | 21.98 | |
| 20 | 64QAM | 50 | 0 | 20.86 | 21.07 | 20.83 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.05 | 20.99 | 20.94 | |
| 20 | 64QAM | 50 | 50 | 21.00 | 20.86 | 20.93 | |
| 20 | 64QAM | 100 | 0 | 21.08 | 20.97 | 20.92 | |
| 20 | 256QAM | 1 | 0 | 19.01 | 18.86 | 19.02 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.04 | 18.86 | 18.81 | |
| 20 | 256QAM | 1 | 99 | 19.10 | 19.01 | 18.99 | |
| 20 | 256QAM | 50 | 0 | 18.94 | 18.91 | 18.88 | 20.7 |
| 20 | 256QAM | 50 | 24 | 18.91 | 18.90 | 18.86 | |
| 20 | 256QAM | 50 | 50 | 18.94 | 18.97 | 18.88 | |
| 20 | 256QAM | 100 | 0 | 19.07 | 18.93 | 18.91 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 23.90 | 23.95 | 23.95 | 25.7 |
| 15 | QPSK | 1 | 37 | 23.80 | 23.78 | 23.78 | |
| 15 | QPSK | 1 | 74 | 23.75 | 23.70 | 23.70 | |
| 15 | QPSK | 36 | 0 | 23.00 | 23.01 | 22.98 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.02 | 22.93 | 22.89 | |
| 15 | QPSK | 36 | 39 | 22.91 | 22.89 | 22.85 | |
| 15 | QPSK | 75 | 0 | 22.90 | 22.90 | 22.89 | |
| 15 | 16QAM | 1 | 0 | 23.34 | 23.27 | 23.31 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.11 | 23.11 | 23.04 | |
| 15 | 16QAM | 1 | 74 | 23.06 | 23.04 | 22.98 | |
| 15 | 16QAM | 36 | 0 | 21.95 | 21.97 | 21.91 | 23.7 |
| 15 | 16QAM | 36 | 20 | 21.96 | 21.88 | 21.85 | |
| 15 | 16QAM | 36 | 39 | 21.90 | 21.88 | 21.85 | |
| 15 | 16QAM | 75 | 0 | 21.99 | 21.96 | 21.82 | |
| 15 | 64QAM | 1 | 0 | 21.21 | 22.13 | 22.02 | 23.7 |
| 15 | 64QAM | 1 | 37 | 21.94 | 22.00 | 21.95 | |
| 15 | 64QAM | 1 | 74 | 22.02 | 21.86 | 21.98 | |
| 15 | 64QAM | 36 | 0 | 20.80 | 21.02 | 20.81 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.04 | 20.93 | 20.87 | |
| 15 | 64QAM | 36 | 39 | 20.92 | 20.85 | 20.84 | |
| 15 | 64QAM | 75 | 0 | 20.99 | 20.92 | 20.86 | |
| 15 | 256QAM | 1 | 0 | 18.93 | 18.86 | 19.01 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.03 | 18.76 | 18.80 | |
| 15 | 256QAM | 1 | 74 | 19.00 | 18.97 | 18.93 | |
| 15 | 256QAM | 36 | 0 | 18.84 | 18.89 | 18.78 | 20.7 |
| 15 | 256QAM | 36 | 20 | 18.82 | 18.87 | 18.76 | |
| 15 | 256QAM | 36 | 39 | 18.90 | 18.94 | 18.84 | |
| 15 | 256QAM | 75 | 0 | 19.01 | 18.89 | 18.83 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 23.93 | 23.95 | 23.98 | 25.7 |
| 10 | QPSK | 1 | 25 | 23.72 | 23.78 | 23.78 | |
| 10 | QPSK | 1 | 49 | 23.72 | 23.77 | 23.67 | |
| 10 | QPSK | 25 | 0 | 22.92 | 23.03 | 22.90 | 24.7 |
| 10 | QPSK | 25 | 12 | 22.95 | 22.88 | 22.84 | |
| 10 | QPSK | 25 | 25 | 22.88 | 22.85 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.95 | 22.89 | 22.82 | |
| 10 | 16QAM | 1 | 0 | 23.26 | 23.25 | 23.32 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.15 | 23.12 | 23.09 | |
| 10 | 16QAM | 1 | 49 | 23.12 | 23.09 | 22.98 | |
| 10 | 16QAM | 25 | 0 | 21.98 | 21.93 | 21.97 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.04 | 21.96 | 21.82 | |
| 10 | 16QAM | 25 | 25 | 21.95 | 21.87 | 21.90 | |
| 10 | 16QAM | 50 | 0 | 21.91 | 21.86 | 21.82 | |
| 10 | 64QAM | 1 | 0 | 21.21 | 22.19 | 22.02 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.00 | 21.92 | 21.96 | |
| 10 | 64QAM | 1 | 49 | 22.00 | 21.82 | 21.96 | |
| 10 | 64QAM | 25 | 0 | 20.83 | 21.03 | 20.83 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.02 | 20.99 | 20.94 | |
| 10 | 64QAM | 25 | 25 | 20.96 | 20.85 | 20.88 | |
| 10 | 64QAM | 50 | 0 | 20.98 | 20.89 | 20.86 | |
| 10 | 256QAM | 1 | 0 | 18.94 | 18.80 | 18.98 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.04 | 18.80 | 18.80 | |
| 10 | 256QAM | 1 | 49 | 19.02 | 18.91 | 18.92 | |
| 10 | 256QAM | 25 | 0 | 18.94 | 18.85 | 18.87 | 20.7 |
| 10 | 256QAM | 25 | 12 | 18.83 | 18.89 | 18.83 | |
| 10 | 256QAM | 25 | 25 | 18.94 | 18.93 | 18.84 | |
| 10 | 256QAM | 50 | 0 | 19.00 | 18.92 | 18.91 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 23.97 | 23.98 | 23.88 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.81 | 23.80 | 23.78 | |
| 5 | QPSK | 1 | 24 | 23.70 | 23.74 | 23.64 | |
| 5 | QPSK | 12 | 0 | 22.93 | 22.94 | 22.98 | 24.7 |
| 5 | QPSK | 12 | 7 | 22.94 | 22.93 | 22.84 | |
| 5 | QPSK | 12 | 13 | 22.93 | 22.84 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.90 | 22.90 | 22.86 | |
| 5 | 16QAM | 1 | 0 | 23.27 | 23.23 | 23.29 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.13 | 23.18 | 23.08 | |
| 5 | 16QAM | 1 | 24 | 23.09 | 23.00 | 23.00 | |
| 5 | 16QAM | 12 | 0 | 21.95 | 21.98 | 21.93 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.04 | 21.89 | 21.86 | |
| 5 | 16QAM | 12 | 13 | 21.96 | 21.90 | 21.89 | |
| 5 | 16QAM | 25 | 0 | 21.97 | 21.96 | 21.86 | |
| 5 | 64QAM | 1 | 0 | 21.16 | 22.20 | 22.04 | 23.7 |
| 5 | 64QAM | 1 | 12 | 21.99 | 21.97 | 22.01 | |
| 5 | 64QAM | 1 | 24 | 22.03 | 21.85 | 21.90 | |
| 5 | 64QAM | 12 | 0 | 20.86 | 21.00 | 20.80 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.02 | 20.89 | 20.88 | |
| 5 | 64QAM | 12 | 13 | 21.00 | 20.76 | 20.83 | |
| 5 | 64QAM | 25 | 0 | 21.00 | 20.92 | 20.85 | |
| 5 | 256QAM | 1 | 0 | 19.01 | 18.79 | 19.02 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.04 | 18.77 | 18.74 | |
| 5 | 256QAM | 1 | 24 | 19.04 | 18.92 | 18.89 | |
| 5 | 256QAM | 12 | 0 | 18.87 | 18.90 | 18.80 | 20.7 |
| 5 | 256QAM | 12 | 7 | 18.89 | 18.88 | 18.83 | |
| 5 | 256QAM | 12 | 13 | 18.86 | 18.88 | 18.86 | |
| 5 | 256QAM | 25 | 0 | 19.04 | 18.93 | 18.83 | |
| Channel | | | | 19925 | 20175 | 20425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 23.89 | 23.93 | 23.98 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.81 | 23.80 | 23.71 | |
| 3 | QPSK | 1 | 14 | 23.78 | 23.79 | 23.67 | |
| 3 | QPSK | 8 | 0 | 22.99 | 23.03 | 22.90 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.98 | 22.91 | 22.85 | |
| 3 | QPSK | 8 | 7 | 22.89 | 22.80 | 22.83 | |
| 3 | QPSK | 15 | 0 | 22.91 | 22.97 | 22.85 | |
| 3 | 16QAM | 1 | 0 | 23.32 | 23.24 | 23.24 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.13 | 23.15 | 23.04 | |
| 3 | 16QAM | 1 | 14 | 23.07 | 23.03 | 22.94 | |
| 3 | 16QAM | 8 | 0 | 22.01 | 22.01 | 21.91 | 23.7 |
| 3 | 16QAM | 8 | 4 | 21.95 | 21.95 | 21.83 | |
| 3 | 16QAM | 8 | 7 | 21.95 | 21.86 | 21.84 | |
| 3 | 16QAM | 15 | 0 | 21.92 | 21.94 | 21.83 | |
| 3 | 64QAM | 1 | 0 | 21.16 | 22.17 | 22.02 | 23.7 |
| 3 | 64QAM | 1 | 8 | 21.99 | 21.96 | 21.98 | |
| 3 | 64QAM | 1 | 14 | 22.03 | 21.89 | 21.88 | |
| 3 | 64QAM | 8 | 0 | 20.81 | 20.97 | 20.82 | 22.7 |
| 3 | 64QAM | 8 | 4 | 20.99 | 20.92 | 20.93 | |
| 3 | 64QAM | 8 | 7 | 20.95 | 20.76 | 20.88 | |
| 3 | 64QAM | 15 | 0 | 21.06 | 20.92 | 20.85 | |
| 3 | 256QAM | 1 | 0 | 19.01 | 18.85 | 18.95 | 20.7 |
| 3 | 256QAM | 1 | 8 | 18.98 | 18.79 | 18.79 | |
| 3 | 256QAM | 1 | 14 | 19.03 | 18.93 | 18.96 | |
| 3 | 256QAM | 8 | 0 | 18.89 | 18.89 | 18.87 | 20.7 |
| 3 | 256QAM | 8 | 4 | 18.90 | 18.84 | 18.81 | |
| 3 | 256QAM | 8 | 7 | 18.93 | 18.89 | 18.87 | |
| 3 | 256QAM | 15 | 0 | 19.01 | 18.91 | 18.82 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 23.72 | 23.83 | 23.75 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.81 | 23.88 | 23.84 | |
| 1.4 | QPSK | 1 | 5 | 23.76 | 23.82 | 23.76 | |
| 1.4 | QPSK | 3 | 0 | 23.76 | 23.84 | 23.80 | |
| 1.4 | QPSK | 3 | 1 | 23.84 | 23.86 | 23.82 | |
| 1.4 | QPSK | 3 | 3 | 23.77 | 23.86 | 23.80 | |
| 1.4 | QPSK | 6 | 0 | 22.82 | 22.88 | 22.87 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 22.99 | 23.14 | 23.07 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.12 | 23.21 | 23.15 | |
| 1.4 | 16QAM | 1 | 5 | 23.08 | 23.14 | 23.10 | |
| 1.4 | 16QAM | 3 | 0 | 22.87 | 22.92 | 22.89 | |
| 1.4 | 16QAM | 3 | 1 | 22.92 | 22.99 | 22.92 | |
| 1.4 | 16QAM | 3 | 3 | 22.91 | 22.91 | 22.88 | |
| 1.4 | 16QAM | 6 | 0 | 22.01 | 21.95 | 21.94 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 21.03 | 22.03 | 22.01 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 21.12 | 22.14 | 22.12 | |
| 1.4 | 64QAM | 1 | 5 | 21.08 | 22.05 | 22.04 | |
| 1.4 | 64QAM | 3 | 0 | 21.06 | 22.04 | 22.00 | |
| 1.4 | 64QAM | 3 | 1 | 21.20 | 22.08 | 22.04 | |
| 1.4 | 64QAM | 3 | 3 | 21.14 | 22.07 | 22.00 | |
| 1.4 | 64QAM | 6 | 0 | 20.02 | 20.93 | 20.86 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 18.98 | 18.76 | 19.01 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 18.94 | 18.79 | 18.78 | |
| 1.4 | 256QAM | 1 | 5 | 19.08 | 18.94 | 18.91 | |
| 1.4 | 256QAM | 3 | 0 | 18.86 | 18.85 | 18.87 | |
| 1.4 | 256QAM | 3 | 1 | 18.84 | 18.84 | 18.81 | |
| 1.4 | 256QAM | 3 | 3 | 18.87 | 18.95 | 18.85 | |
| 1.4 | 256QAM | 6 | 0 | 19.06 | 18.83 | 18.85 | 20.7 |

## Band 5_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.47 | 23.57 | 23.64 | |
| 10 | QPSK | 1 | 25 | 23.51 | 23.56 | 23.53 | 25 |
| 10 | QPSK | 1 | 49 | 23.58 | 23.53 | 23.45 | |
| 10 | QPSK | 25 | 0 | 22.63 | 22.66 | 22.63 | |
| 10 | QPSK | 25 | 12 | 22.72 | 22.67 | 22.62 | 24 |
| 10 | QPSK | 25 | 25 | 22.68 | 22.70 | 22.64 | |
| 10 | QPSK | 50 | 0 | 22.72 | 22.66 | 22.59 | |
| 10 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.97 | |
| 10 | 16QAM | 1 | 25 | 22.92 | 22.98 | 22.92 | 24 |
| 10 | 16QAM | 1 | 49 | 22.96 | 22.93 | 22.83 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.65 | 21.58 | |
| 10 | 16QAM | 25 | 12 | 21.71 | 21.67 | 21.63 | 23 |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.71 | 21.62 | |
| 10 | 16QAM | 50 | 0 | 21.70 | 21.64 | 21.62 | |
| 10 | 64QAM | 1 | 0 | 21.74 | 21.77 | 21.81 | |
| 10 | 64QAM | 1 | 25 | 21.86 | 21.90 | 21.75 | 23 |
| 10 | 64QAM | 1 | 49 | 21.87 | 21.83 | 21.17 | |
| 10 | 64QAM | 25 | 0 | 20.66 | 20.69 | 20.66 | |
| 10 | 64QAM | 25 | 12 | 20.77 | 20.72 | 20.67 | 22 |
| 10 | 64QAM | 25 | 25 | 20.71 | 20.74 | 20.45 | |
| 10 | 64QAM | 50 | 0 | 20.73 | 20.69 | 20.66 | |
| 10 | 256QAM | 1 | 0 | 18.48 | 18.63 | 18.58 | |
| 10 | 256QAM | 1 | 25 | 18.53 | 18.50 | 18.61 | 20 |
| 10 | 256QAM | 1 | 49 | 18.50 | 18.63 | 18.54 | |
| 10 | 256QAM | 25 | 0 | 18.47 | 18.48 | 18.45 | |
| 10 | 256QAM | 25 | 12 | 18.49 | 18.42 | 18.39 | 20 |
| 10 | 256QAM | 25 | 25 | 18.36 | 18.48 | 18.48 | |
| 10 | 256QAM | 50 | 0 | 18.51 | 18.49 | 18.44 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.61 | 23.62 | 23.60 | |
| 5 | QPSK | 1 | 12 | 23.60 | 23.63 | 23.62 | 25 |
| 5 | QPSK | 1 | 24 | 23.57 | 23.59 | 23.53 | |
| 5 | QPSK | 12 | 0 | 22.63 | 22.73 | 22.65 | |
| 5 | QPSK | 12 | 7 | 22.70 | 22.74 | 22.58 | 24 |
| 5 | QPSK | 12 | 13 | 22.65 | 22.67 | 22.57 | |
| 5 | QPSK | 25 | 0 | 22.68 | 22.72 | 22.59 | |
| 5 | 16QAM | 1 | 0 | 22.94 | 23.01 | 22.93 | |
| 5 | 16QAM | 1 | 12 | 22.92 | 22.99 | 22.84 | 24 |
| 5 | 16QAM | 1 | 24 | 22.94 | 22.96 | 22.80 | |
| 5 | 16QAM | 12 | 0 | 21.67 | 21.75 | 21.67 | |
| 5 | 16QAM | 12 | 7 | 21.71 | 21.77 | 21.61 | 23 |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.69 | 21.58 | |
| 5 | 16QAM | 25 | 0 | 21.72 | 21.74 | 21.60 | |
| 5 | 64QAM | 1 | 0 | 21.86 | 21.95 | 21.86 | |
| 5 | 64QAM | 1 | 12 | 21.83 | 21.90 | 21.28 | 23 |
| 5 | 64QAM | 1 | 24 | 21.88 | 21.91 | 21.09 | |
| 5 | 64QAM | 12 | 0 | 20.74 | 20.80 | 20.55 | |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.81 | 20.29 | 22 |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.75 | 20.28 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.76 | 20.33 | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.58 | 18.58 | |
| 5 | 256QAM | 1 | 12 | 18.50 | 18.40 | 18.53 | 20 |
| 5 | 256QAM | 1 | 24 | 18.50 | 18.53 | 18.46 | |
| 5 | 256QAM | 12 | 0 | 18.40 | 18.44 | 18.40 | |
| 5 | 256QAM | 12 | 7 | 18.44 | 18.37 | 18.36 | 20 |
| 5 | 256QAM | 12 | 13 | 18.35 | 18.39 | 18.46 | |
| 5 | 256QAM | 25 | 0 | 18.43 | 18.45 | 18.39 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.39 | 23.47 | 23.61 | |
| 3 | QPSK | 1 | 8 | 23.49 | 23.53 | 23.46 | 25 |
| 3 | QPSK | 1 | 14 | 23.51 | 23.51 | 23.42 | |
| 3 | QPSK | 8 | 0 | 22.55 | 22.58 | 22.58 | |
| 3 | QPSK | 8 | 4 | 22.68 | 22.58 | 22.54 | 24 |
| 3 | QPSK | 8 | 7 | 22.63 | 22.65 | 22.58 | |
| 3 | QPSK | 15 | 0 | 22.62 | 22.60 | 22.50 | |
| 3 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.90 | |
| 3 | 16QAM | 1 | 8 | 22.87 | 22.97 | 22.86 | 24 |
| 3 | 16QAM | 1 | 14 | 22.94 | 22.90 | 22.73 | |
| 3 | 16QAM | 8 | 0 | 21.56 | 21.59 | 21.57 | |
| 3 | 16QAM | 8 | 4 | 21.64 | 21.62 | 21.63 | 23 |
| 3 | 16QAM | 8 | 7 | 21.61 | 21.66 | 21.57 | |
| 3 | 16QAM | 15 | 0 | 21.69 | 21.54 | 21.52 | |
| 3 | 64QAM | 1 | 0 | 21.65 | 21.67 | 21.74 | |
| 3 | 64QAM | 1 | 8 | 21.78 | 21.83 | 21.69 | 23 |
| 3 | 64QAM | 1 | 14 | 21.81 | 21.79 | 21.16 | |
| 3 | 64QAM | 8 | 0 | 20.61 | 20.60 | 20.61 | |
| 3 | 64QAM | 8 | 4 | 20.76 | 20.72 | 20.60 | 22 |
| 3 | 64QAM | 8 | 7 | 20.63 | 20.72 | 20.41 | |
| 3 | 64QAM | 15 | 0 | 20.65 | 20.59 | 20.59 | |
| 3 | 256QAM | 1 | 0 | 18.40 | 18.61 | 18.49 | |
| 3 | 256QAM | 1 | 8 | 18.43 | 18.47 | 18.51 | 20 |
| 3 | 256QAM | 1 | 14 | 18.45 | 18.63 | 18.45 | |
| 3 | 256QAM | 8 | 0 | 18.39 | 18.44 | 18.36 | |
| 3 | 256QAM | 8 | 4 | 18.46 | 18.37 | 18.39 | 20 |
| 3 | 256QAM | 8 | 7 | 18.34 | 18.42 | 18.43 | |
| 3 | 256QAM | 15 | 0 | 18.46 | 18.44 | 18.35 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.45 | 23.52 | 23.43 | |
| 1.4 | QPSK | 1 | 3 | 23.54 | 23.58 | 23.49 | |
| 1.4 | QPSK | 1 | 5 | 23.47 | 23.51 | 23.39 | 25 |
| 1.4 | QPSK | 3 | 0 | 23.53 | 23.52 | 23.47 | |
| 1.4 | QPSK | 3 | 1 | 23.57 | 23.62 | 23.50 | |
| 1.4 | QPSK | 3 | 3 | 23.53 | 23.57 | 23.48 | |
| 1.4 | QPSK | 6 | 0 | 22.58 | 22.64 | 22.51 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.79 | 22.84 | 22.78 | |
| 1.4 | 16QAM | 1 | 3 | 22.89 | 22.94 | 22.77 | |
| 1.4 | 16QAM | 1 | 5 | 22.82 | 22.86 | 22.72 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.63 | 22.64 | 22.54 | |
| 1.4 | 16QAM | 3 | 1 | 22.69 | 22.72 | 22.59 | |
| 1.4 | 16QAM | 3 | 3 | 22.61 | 22.63 | 22.49 | |
| 1.4 | 16QAM | 6 | 0 | 21.64 | 21.71 | 21.58 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.74 | 21.75 | 21.39 | |
| 1.4 | 64QAM | 1 | 3 | 21.84 | 21.91 | 21.44 | |
| 1.4 | 64QAM | 1 | 5 | 21.75 | 21.82 | 21.39 | 23 |
| 1.4 | 64QAM | 3 | 0 | 21.78 | 21.74 | 21.32 | |
| 1.4 | 64QAM | 3 | 1 | 21.78 | 21.84 | 21.44 | |
| 1.4 | 64QAM | 3 | 3 | 21.75 | 21.75 | 21.47 | |
| 1.4 | 64QAM | 6 | 0 | 20.60 | 20.65 | 20.30 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.46 | 18.60 | 18.51 | |
| 1.4 | 256QAM | 1 | 3 | 18.46 | 18.47 | 18.61 | |
| 1.4 | 256QAM | 1 | 5 | 18.42 | 18.53 | 18.54 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.45 | 18.47 | 18.41 | |
| 1.4 | 256QAM | 3 | 1 | 18.39 | 18.32 | 18.38 | |
| 1.4 | 256QAM | 3 | 3 | 18.34 | 18.39 | 18.41 | |
| 1.4 | 256QAM | 6 | 0 | 18.51 | 18.40 | 18.42 | 20 |

## Band 7_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 23.91 | 23.94 | 23.99 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.93 | 23.99 | 23.94 | |
| 20 | QPSK | 1 | 99 | 23.99 | 24.06 | 24.02 | |
| 20 | QPSK | 50 | 0 | 22.97 | 23.02 | 23.02 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.10 | 23.09 | 23.06 | |
| 20 | QPSK | 50 | 50 | 23.11 | 23.16 | 23.13 | |
| 20 | QPSK | 100 | 0 | 23.07 | 23.07 | 23.05 | |
| 20 | 16QAM | 1 | 0 | 23.27 | 23.30 | 23.29 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.29 | 23.38 | 23.36 | |
| 20 | 16QAM | 1 | 99 | 23.33 | 23.40 | 23.34 | |
| 20 | 16QAM | 50 | 0 | 21.98 | 22.04 | 22.02 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.10 | 22.10 | 22.06 | |
| 20 | 16QAM | 50 | 50 | 22.13 | 22.17 | 22.14 | |
| 20 | 16QAM | 100 | 0 | 22.06 | 22.07 | 22.03 | |
| 20 | 64QAM | 1 | 0 | 22.08 | 22.17 | 22.10 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.16 | 22.26 | 22.21 | |
| 20 | 64QAM | 1 | 99 | 22.24 | 22.32 | 22.27 | |
| 20 | 64QAM | 50 | 0 | 21.00 | 21.08 | 21.05 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.12 | 21.11 | 21.08 | |
| 20 | 64QAM | 50 | 50 | 21.15 | 21.21 | 21.15 | |
| 20 | 64QAM | 100 | 0 | 21.12 | 21.05 | 21.07 | |
| 20 | 256QAM | 1 | 0 | 19.20 | 19.27 | 19.13 | 20.5 |
| 20 | 256QAM | 1 | 49 | 19.26 | 19.16 | 19.22 | |
| 20 | 256QAM | 1 | 99 | 19.12 | 19.17 | 19.11 | |
| 20 | 256QAM | 50 | 0 | 19.12 | 19.12 | 19.07 | 20.5 |
| 20 | 256QAM | 50 | 24 | 19.22 | 19.14 | 19.10 | |
| 20 | 256QAM | 50 | 50 | 19.17 | 19.16 | 19.13 | |
| 20 | 256QAM | 100 | 0 | 19.23 | 19.11 | 19.05 | |
| Channel | | | | 20525 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 23.83 | 23.84 | 23.95 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.86 | 23.90 | 23.85 | |
| 15 | QPSK | 1 | 74 | 23.97 | 24.04 | 23.94 | |
| 15 | QPSK | 36 | 0 | 22.95 | 22.98 | 23.00 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.06 | 23.04 | 23.04 | |
| 15 | QPSK | 36 | 39 | 23.08 | 23.13 | 23.09 | |
| 15 | QPSK | 75 | 0 | 23.02 | 23.01 | 23.01 | |
| 15 | 16QAM | 1 | 0 | 23.23 | 23.30 | 23.29 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.24 | 23.36 | 23.30 | |
| 15 | 16QAM | 1 | 74 | 23.31 | 23.34 | 23.24 | |
| 15 | 16QAM | 36 | 0 | 21.88 | 22.04 | 22.01 | 23.5 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.02 | 21.97 | |
| 15 | 16QAM | 36 | 39 | 22.10 | 22.09 | 22.14 | |
| 15 | 16QAM | 75 | 0 | 21.98 | 22.05 | 21.94 | |
| 15 | 64QAM | 1 | 0 | 22.07 | 22.08 | 22.06 | 23.5 |
| 15 | 64QAM | 1 | 37 | 22.09 | 22.20 | 22.19 | |
| 15 | 64QAM | 1 | 74 | 22.14 | 22.25 | 22.17 | |
| 15 | 64QAM | 36 | 0 | 20.95 | 20.98 | 21.02 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.03 | 21.02 | 21.06 | |
| 15 | 64QAM | 36 | 39 | 21.12 | 21.21 | 21.06 | |
| 15 | 64QAM | 75 | 0 | 21.06 | 21.05 | 21.00 | |
| 15 | 256QAM | 1 | 0 | 19.17 | 19.25 | 19.13 | 20.5 |
| 15 | 256QAM | 1 | 37 | 19.16 | 19.12 | 19.19 | |
| 15 | 256QAM | 1 | 74 | 19.04 | 19.15 | 19.02 | |
| 15 | 256QAM | 36 | 0 | 19.04 | 19.12 | 19.04 | 20.5 |
| 15 | 256QAM | 36 | 20 | 19.14 | 19.05 | 19.05 | |
| 15 | 256QAM | 36 | 39 | 19.16 | 19.14 | 19.08 | |
| 15 | 256QAM | 75 | 0 | 19.23 | 19.04 | 18.97 | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 23.89 | 23.92 | 23.99 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.93 | 23.90 | 23.84 | |
| 10 | QPSK | 1 | 49 | 23.90 | 24.01 | 23.96 | |
| 10 | QPSK | 25 | 0 | 22.91 | 22.99 | 22.97 | 24.5 |
| 10 | QPSK | 25 | 12 | 23.07 | 23.06 | 23.00 | |
| 10 | QPSK | 25 | 25 | 23.03 | 23.09 | 23.03 | |
| 10 | QPSK | 50 | 0 | 22.99 | 23.08 | 23.01 | |
| 10 | 16QAM | 1 | 0 | 23.17 | 23.24 | 23.26 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.27 | 23.34 | 23.35 | |
| 10 | 16QAM | 1 | 49 | 23.31 | 23.39 | 23.31 | |
| 10 | 16QAM | 25 | 0 | 21.92 | 22.00 | 21.95 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.07 | 22.08 | 22.06 | |
| 10 | 16QAM | 25 | 25 | 22.08 | 22.10 | 22.07 | |
| 10 | 16QAM | 50 | 0 | 22.02 | 22.04 | 22.00 | |
| 10 | 64QAM | 1 | 0 | 22.00 | 22.13 | 22.10 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.06 | 22.16 | 22.18 | |
| 10 | 64QAM | 1 | 49 | 22.14 | 22.31 | 22.25 | |
| 10 | 64QAM | 25 | 0 | 20.91 | 21.02 | 20.96 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.04 | 21.04 | 21.02 | |
| 10 | 64QAM | 25 | 25 | 21.08 | 21.14 | 21.09 | |
| 10 | 64QAM | 50 | 0 | 21.10 | 21.05 | 21.02 | |
| 10 | 256QAM | 1 | 0 | 19.15 | 19.19 | 19.09 | 20.5 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.07 | 19.22 | |
| 10 | 256QAM | 1 | 49 | 19.10 | 19.09 | 19.03 | |
| 10 | 256QAM | 25 | 0 | 19.02 | 19.05 | 18.98 | 20.5 |
| 10 | 256QAM | 25 | 12 | 19.21 | 19.07 | 19.09 | |
| 10 | 256QAM | 25 | 25 | 19.16 | 19.08 | 19.08 | |
| 10 | 256QAM | 50 | 0 | 19.18 | 19.04 | 18.99 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 23.84 | 23.93 | 23.98 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.93 | 23.93 | 23.88 | |
| 5 | QPSK | 1 | 24 | 23.89 | 24.02 | 23.95 | |
| 5 | QPSK | 12 | 0 | 22.96 | 22.93 | 22.99 | 24.5 |
| 5 | QPSK | 12 | 7 | 23.09 | 23.02 | 22.96 | |
| 5 | QPSK | 12 | 13 | 23.11 | 23.14 | 23.13 | |
| 5 | QPSK | 25 | 0 | 23.04 | 22.98 | 23.01 | |
| 5 | 16QAM | 1 | 0 | 23.17 | 23.28 | 23.19 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.25 | 23.33 | 23.30 | |
| 5 | 16QAM | 1 | 24 | 23.32 | 23.34 | 23.34 | |
| 5 | 16QAM | 12 | 0 | 21.94 | 21.98 | 21.98 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.03 | 22.02 | 22.05 | |
| 5 | 16QAM | 12 | 13 | 22.10 | 22.15 | 22.14 | |
| 5 | 16QAM | 25 | 0 | 22.00 | 22.07 | 21.95 | |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.10 | 22.09 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.21 | 22.15 | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.31 | 22.19 | |
| 5 | 64QAM | 12 | 0 | 20.91 | 20.99 | 20.99 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.07 | 21.02 | 21.03 | |
| 5 | 64QAM | 12 | 13 | 21.06 | 21.17 | 21.06 | |
| 5 | 64QAM | 25 | 0 | 21.04 | 21.02 | 21.07 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.25 | 19.11 | 20.5 |
| 5 | 256QAM | 1 | 12 | 19.26 | 19.08 | 19.15 | |
| 5 | 256QAM | 1 | 24 | 19.08 | 19.10 | 19.03 | |
| 5 | 256QAM | 12 | 0 | 19.08 | 19.06 | 19.06 | 20.5 |
| 5 | 256QAM | 12 | 7 | 19.22 | 19.13 | 19.00 | |
| 5 | 256QAM | 12 | 13 | 19.12 | 19.07 | 19.13 | |
| 5 | 256QAM | 25 | 0 | 19.22 | 19.07 | 19.02 | |

## Band 12_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.48 | 24.39 | 24.39 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.39 | 24.42 | 24.40 | |
| 10 | QPSK | 1 | 49 | 24.50 | 24.43 | 24.46 | |
| 10 | QPSK | 25 | 0 | 23.53 | 23.54 | 23.53 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.60 | 23.53 | 23.53 | |
| 10 | QPSK | 25 | 25 | 23.58 | 23.59 | 23.60 | |
| 10 | QPSK | 50 | 0 | 23.61 | 23.53 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.82 | 23.76 | 23.78 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.81 | 23.82 | 23.80 | |
| 10 | 16QAM | 1 | 49 | 23.87 | 23.85 | 23.78 | |
| 10 | 16QAM | 25 | 0 | 22.54 | 22.55 | 22.53 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.61 | 22.55 | 22.51 | |
| 10 | 16QAM | 25 | 25 | 22.59 | 22.60 | 22.57 | |
| 10 | 16QAM | 50 | 0 | 22.60 | 22.55 | 22.52 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.64 | 22.67 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.71 | 22.76 | 22.74 | |
| 10 | 64QAM | 1 | 49 | 22.73 | 22.54 | 22.39 | |
| 10 | 64QAM | 25 | 0 | 21.27 | 21.36 | 21.58 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.49 | 21.55 | 21.56 | |
| 10 | 64QAM | 25 | 25 | 21.53 | 21.60 | 21.61 | |
| 10 | 64QAM | 50 | 0 | 21.41 | 21.55 | 21.59 | |
| 10 | 256QAM | 1 | 0 | 19.47 | 19.66 | 19.47 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.53 | 19.73 | 19.49 | |
| 10 | 256QAM | 1 | 49 | 19.64 | 19.55 | 19.57 | |
| 10 | 256QAM | 25 | 0 | 19.44 | 19.46 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.45 | 19.40 | 19.46 | |
| 10 | 256QAM | 25 | 25 | 19.39 | 19.41 | 19.43 | |
| 10 | 256QAM | 50 | 0 | 19.51 | 19.43 | 19.41 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.47 | 24.39 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.49 | 24.48 | 24.49 | |
| 5 | QPSK | 1 | 24 | 24.47 | 24.49 | 24.46 | |
| 5 | QPSK | 12 | 0 | 23.62 | 23.54 | 23.55 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.55 | 23.59 | 23.50 | |
| 5 | QPSK | 12 | 13 | 23.55 | 23.54 | 23.51 | |
| 5 | QPSK | 25 | 0 | 23.58 | 23.52 | 23.52 | |
| 5 | 16QAM | 1 | 0 | 23.83 | 23.83 | 23.73 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.80 | 23.79 | 23.75 | |
| 5 | 16QAM | 1 | 24 | 23.82 | 23.80 | 23.76 | |
| 5 | 16QAM | 12 | 0 | 22.65 | 22.62 | 22.59 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.58 | 22.64 | 22.54 | |
| 5 | 16QAM | 12 | 13 | 22.60 | 22.59 | 22.54 | |
| 5 | 16QAM | 25 | 0 | 22.59 | 22.53 | 22.53 | |
| 5 | 64QAM | 1 | 0 | 22.24 | 22.37 | 22.66 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.49 | 22.74 | 22.69 | |
| 5 | 64QAM | 1 | 24 | 22.23 | 22.73 | 22.49 | |
| 5 | 64QAM | 12 | 0 | 21.35 | 21.64 | 21.69 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.45 | 21.67 | 21.61 | |
| 5 | 64QAM | 12 | 13 | 21.35 | 21.60 | 21.42 | |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.57 | 21.50 | |
| 5 | 256QAM | 1 | 0 | 19.38 | 19.56 | 19.45 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.50 | 19.64 | 19.39 | |
| 5 | 256QAM | 1 | 24 | 19.58 | 19.47 | 19.54 | |
| 5 | 256QAM | 12 | 0 | 19.43 | 19.36 | 19.32 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.36 | 19.32 | 19.45 | |
| 5 | 256QAM | 12 | 13 | 19.38 | 19.38 | 19.34 | |
| 5 | 256QAM | 25 | 0 | 19.47 | 19.33 | 19.33 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 24.46 | 24.37 | 24.33 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.34 | 24.42 | 24.36 | |
| 3 | QPSK | 1 | 14 | 24.43 | 24.33 | 24.36 | |
| 3 | QPSK | 8 | 0 | 23.43 | 23.54 | 23.48 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.52 | 23.49 | 23.51 | |
| 3 | QPSK | 8 | 7 | 23.49 | 23.58 | 23.51 | |
| 3 | QPSK | 15 | 0 | 23.58 | 23.51 | 23.45 | |
| 3 | 16QAM | 1 | 0 | 23.75 | 23.66 | 23.70 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.76 | 23.75 | 23.72 | |
| 3 | 16QAM | 1 | 14 | 23.65 | 23.83 | 23.69 | |
| 3 | 16QAM | 8 | 0 | 22.52 | 22.51 | 22.49 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.60 | 22.45 | 22.42 | |
| 3 | 16QAM | 8 | 7 | 22.50 | 22.50 | 22.54 | |
| 3 | 16QAM | 15 | 0 | 22.57 | 22.50 | 22.45 | |
| 3 | 64QAM | 1 | 0 | 22.47 | 22.55 | 22.67 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.66 | 22.72 | 22.74 | |
| 3 | 64QAM | 1 | 14 | 22.66 | 22.48 | 22.33 | |
| 3 | 64QAM | 8 | 0 | 21.17 | 21.31 | 21.50 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.40 | 21.52 | 21.55 | |
| 3 | 64QAM | 8 | 7 | 21.47 | 21.53 | 21.53 | |
| 3 | 64QAM | 15 | 0 | 21.31 | 21.49 | 21.50 | |
| 3 | 256QAM | 1 | 0 | 19.44 | 19.57 | 19.41 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.49 | 19.68 | 19.48 | |
| 3 | 256QAM | 1 | 14 | 19.58 | 19.54 | 19.49 | |
| 3 | 256QAM | 8 | 0 | 19.43 | 19.38 | 19.30 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.43 | 19.39 | 19.43 | |
| 3 | 256QAM | 8 | 7 | 19.37 | 19.41 | 19.42 | |
| 3 | 256QAM | 15 | 0 | 19.43 | 19.37 | 19.39 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 24.44 | 24.33 | 24.36 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.44 | 24.42 | 24.38 | |
| 1.4 | QPSK | 1 | 5 | 24.37 | 24.38 | 24.29 | |
| 1.4 | QPSK | 3 | 0 | 24.45 | 24.38 | 24.37 | |
| 1.4 | QPSK | 3 | 1 | 24.49 | 24.42 | 24.40 | |
| 1.4 | QPSK | 3 | 3 | 24.43 | 24.43 | 24.37 | |
| 1.4 | QPSK | 6 | 0 | 23.50 | 23.47 | 23.43 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.76 | 23.67 | 23.71 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.78 | 23.80 | 23.77 | |
| 1.4 | 16QAM | 1 | 5 | 23.70 | 23.69 | 23.63 | |
| 1.4 | 16QAM | 3 | 0 | 23.53 | 23.47 | 23.47 | |
| 1.4 | 16QAM | 3 | 1 | 23.58 | 23.51 | 23.50 | |
| 1.4 | 16QAM | 3 | 3 | 23.51 | 23.50 | 23.43 | |
| 1.4 | 16QAM | 6 | 0 | 22.57 | 22.56 | 22.49 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.34 | 22.61 | 22.37 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.45 | 22.72 | 22.34 | |
| 1.4 | 64QAM | 1 | 5 | 22.47 | 22.63 | 22.20 | |
| 1.4 | 64QAM | 3 | 0 | 22.26 | 22.56 | 22.39 | |
| 1.4 | 64QAM | 3 | 1 | 22.26 | 22.61 | 22.37 | |
| 1.4 | 64QAM | 3 | 3 | 22.37 | 22.61 | 22.26 | |
| 1.4 | 64QAM | 6 | 0 | 21.23 | 21.50 | 21.23 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.38 | 19.58 | 19.39 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.45 | 19.71 | 19.41 | |
| 1.4 | 256QAM | 1 | 5 | 19.61 | 19.54 | 19.53 | |
| 1.4 | 256QAM | 3 | 0 | 19.43 | 19.43 | 19.36 | |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.40 | 19.37 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.31 | 19.38 | |
| 1.4 | 256QAM | 6 | 0 | 19.49 | 19.37 | 19.39 | 20.7 |

| Band 13_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23230 | | |
| Frequency (MHz) | | | | | 782 | | |
| 10 | QPSK | 1 | 0 | | 23.53 | | 25 |
| 10 | QPSK | 1 | 25 | | 23.51 | | |
| 10 | QPSK | 1 | 49 | | 23.57 | | |
| 10 | QPSK | 25 | 0 | | 22.60 | | 24 |
| 10 | QPSK | 25 | 12 | | 22.61 | | |
| 10 | QPSK | 25 | 25 | | 22.65 | | |
| 10 | QPSK | 50 | 0 | | 22.61 | | |
| 10 | 16QAM | 1 | 0 | | 22.82 | | 24 |
| 10 | 16QAM | 1 | 25 | | 22.86 | | |
| 10 | 16QAM | 1 | 49 | | 22.88 | | |
| 10 | 16QAM | 25 | 0 | | 21.61 | | 23 |
| 10 | 16QAM | 25 | 12 | | 21.66 | | |
| 10 | 16QAM | 25 | 25 | | 21.69 | | |
| 10 | 16QAM | 50 | 0 | | 21.64 | | |
| 10 | 64QAM | 1 | 0 | | 21.69 | | 23 |
| 10 | 64QAM | 1 | 25 | | 21.81 | | |
| 10 | 64QAM | 1 | 49 | | 21.78 | | |
| 10 | 64QAM | 25 | 0 | | 20.65 | | 22 |
| 10 | 64QAM | 25 | 12 | | 20.69 | | |
| 10 | 64QAM | 25 | 25 | | 20.71 | | |
| 10 | 64QAM | 50 | 0 | | 20.68 | | |
| 10 | 256QAM | 1 | 0 | | 18.25 | | 20 |
| 10 | 256QAM | 1 | 25 | | 18.50 | | |
| 10 | 256QAM | 1 | 49 | | 18.70 | | |
| 10 | 256QAM | 25 | 0 | | 18.41 | | 20 |
| 10 | 256QAM | 25 | 12 | | 18.46 | | |
| 10 | 256QAM | 25 | 25 | | 18.59 | | |
| 10 | 256QAM | 50 | 0 | | 18.44 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 23.45 | 23.48 | 23.22 | 25 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.54 | 23.24 | |
| 5 | QPSK | 1 | 24 | 23.55 | 23.58 | 23.31 | |
| 5 | QPSK | 12 | 0 | 22.58 | 22.59 | 22.32 | 24 |
| 5 | QPSK | 12 | 7 | 22.62 | 22.63 | 22.40 | |
| 5 | QPSK | 12 | 13 | 22.65 | 22.67 | 22.36 | |
| 5 | QPSK | 25 | 0 | 22.65 | 22.63 | 22.37 | |
| 5 | 16QAM | 1 | 0 | 22.84 | 22.76 | 22.50 | 24 |
| 5 | 16QAM | 1 | 12 | 22.75 | 22.82 | 22.49 | |
| 5 | 16QAM | 1 | 24 | 22.84 | 22.85 | 22.51 | |
| 5 | 16QAM | 12 | 0 | 21.62 | 21.64 | 21.39 | 23 |
| 5 | 16QAM | 12 | 7 | 21.66 | 21.64 | 21.43 | |
| 5 | 16QAM | 12 | 13 | 21.68 | 21.71 | 21.42 | |
| 5 | 16QAM | 25 | 0 | 21.70 | 21.63 | 21.41 | |
| 5 | 64QAM | 1 | 0 | 21.73 | 21.68 | 21.42 | 23 |
| 5 | 64QAM | 1 | 12 | 21.69 | 21.81 | 21.49 | |
| 5 | 64QAM | 1 | 24 | 21.77 | 21.81 | 21.48 | |
| 5 | 64QAM | 12 | 0 | 20.66 | 20.70 | 20.43 | 22 |
| 5 | 64QAM | 12 | 7 | 20.72 | 20.67 | 20.45 | |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.75 | 20.43 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.66 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 18.16 | 18.24 | 18.22 | 20 |
| 5 | 256QAM | 1 | 12 | 18.43 | 18.45 | 18.47 | |
| 5 | 256QAM | 1 | 24 | 18.63 | 18.67 | 18.60 | |
| 5 | 256QAM | 12 | 0 | 18.37 | 18.35 | 18.38 | 20 |
| 5 | 256QAM | 12 | 7 | 18.46 | 18.36 | 18.40 | |
| 5 | 256QAM | 12 | 13 | 18.58 | 18.55 | 18.54 | |
| 5 | 256QAM | 25 | 0 | 18.37 | 18.34 | 18.41 | |

| Band 14_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23330 | | |
| Frequency (MHz) | | | | | 793 | | |
| 10 | QPSK | 1 | 0 | | 23.66 | | 25 |
| 10 | QPSK | 1 | 25 | | 23.60 | | |
| 10 | QPSK | 1 | 49 | | 23.58 | | |
| 10 | QPSK | 25 | 0 | | 22.63 | | 24 |
| 10 | QPSK | 25 | 12 | | 22.65 | | |
| 10 | QPSK | 25 | 25 | | 22.74 | | |
| 10 | QPSK | 50 | 0 | | 22.67 | | |
| 10 | 16QAM | 1 | 0 | | 23.02 | | 24 |
| 10 | 16QAM | 1 | 25 | | 22.99 | | |
| 10 | 16QAM | 1 | 49 | | 22.97 | | |
| 10 | 16QAM | 25 | 0 | | 21.65 | | 23 |
| 10 | 16QAM | 25 | 12 | | 21.68 | | |
| 10 | 16QAM | 25 | 25 | | 21.73 | | |
| 10 | 16QAM | 50 | 0 | | 21.66 | | |
| 10 | 64QAM | 1 | 0 | | 21.92 | | 23 |
| 10 | 64QAM | 1 | 25 | | 21.95 | | |
| 10 | 64QAM | 1 | 49 | | 21.90 | | |
| 10 | 64QAM | 25 | 0 | | 20.67 | | 22 |
| 10 | 64QAM | 25 | 12 | | 20.69 | | |
| 10 | 64QAM | 25 | 25 | | 20.76 | | |
| 10 | 64QAM | 50 | 0 | | 20.67 | | |
| 10 | 256QAM | 1 | 0 | | 18.45 | | 20 |
| 10 | 256QAM | 1 | 25 | | 18.58 | | |
| 10 | 256QAM | 1 | 49 | | 18.74 | | |
| 10 | 256QAM | 25 | 0 | | 18.50 | | 20 |
| 10 | 256QAM | 25 | 12 | | 18.44 | | |
| 10 | 256QAM | 25 | 25 | | 18.47 | | |
| 10 | 256QAM | 50 | 0 | | 18.50 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 23.58 | 23.55 | 23.58 | 25 |
| 5 | QPSK | 1 | 12 | 23.63 | 23.65 | 23.64 | |
| 5 | QPSK | 1 | 24 | 23.65 | 23.64 | 23.56 | |
| 5 | QPSK | 12 | 0 | 22.71 | 22.65 | 22.64 | 24 |
| 5 | QPSK | 12 | 7 | 22.70 | 22.73 | 22.70 | |
| 5 | QPSK | 12 | 13 | 22.71 | 22.73 | 22.68 | |
| 5 | QPSK | 25 | 0 | 22.69 | 22.66 | 22.63 | |
| 5 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.87 | 24 |
| 5 | 16QAM | 1 | 12 | 23.00 | 23.02 | 22.98 | |
| 5 | 16QAM | 1 | 24 | 22.96 | 23.00 | 22.90 | |
| 5 | 16QAM | 12 | 0 | 21.73 | 21.68 | 21.64 | 23 |
| 5 | 16QAM | 12 | 7 | 21.77 | 21.77 | 21.78 | |
| 5 | 16QAM | 12 | 13 | 21.73 | 21.72 | 21.68 | |
| 5 | 16QAM | 25 | 0 | 21.71 | 21.68 | 21.64 | |
| 5 | 64QAM | 1 | 0 | 21.87 | 21.89 | 21.85 | 23 |
| 5 | 64QAM | 1 | 12 | 21.93 | 22.00 | 21.94 | |
| 5 | 64QAM | 1 | 24 | 21.90 | 21.95 | 21.92 | |
| 5 | 64QAM | 12 | 0 | 20.80 | 20.71 | 20.69 | 22 |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.83 | 20.76 | |
| 5 | 64QAM | 12 | 13 | 20.75 | 20.76 | 20.69 | |
| 5 | 64QAM | 25 | 0 | 20.72 | 20.67 | 20.66 | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.37 | 18.42 | 20 |
| 5 | 256QAM | 1 | 12 | 18.55 | 18.48 | 18.55 | |
| 5 | 256QAM | 1 | 24 | 18.74 | 18.72 | 18.65 | |
| 5 | 256QAM | 12 | 0 | 18.50 | 18.42 | 18.48 | 20 |
| 5 | 256QAM | 12 | 7 | 18.38 | 18.34 | 18.35 | |
| 5 | 256QAM | 12 | 13 | 18.42 | 18.46 | 18.39 | |
| 5 | 256QAM | 25 | 0 | 18.40 | 18.47 | 18.44 | |

| Band 17_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 23.35 | 23.31 | 23.32 | 25 |
| 10 | QPSK | 1 | 25 | 23.36 | 23.37 | 23.37 | |
| 10 | QPSK | 1 | 49 | 23.37 | 23.45 | 23.38 | |
| 10 | QPSK | 25 | 0 | 22.38 | 22.39 | 22.41 | 24 |
| 10 | QPSK | 25 | 12 | 22.52 | 22.50 | 22.48 | |
| 10 | QPSK | 25 | 25 | 22.56 | 22.57 | 22.55 | |
| 10 | QPSK | 50 | 0 | 22.47 | 22.48 | 22.45 | |
| 10 | 16QAM | 1 | 0 | 22.70 | 22.68 | 22.69 | 24 |
| 10 | 16QAM | 1 | 25 | 22.75 | 22.78 | 22.74 | |
| 10 | 16QAM | 1 | 49 | 22.76 | 22.80 | 22.77 | |
| 10 | 16QAM | 25 | 0 | 21.41 | 21.41 | 21.41 | 23 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.48 | 21.47 | |
| 10 | 16QAM | 25 | 25 | 21.57 | 21.54 | 21.51 | |
| 10 | 16QAM | 50 | 0 | 21.44 | 21.46 | 21.42 | |
| 10 | 64QAM | 1 | 0 | 21.55 | 21.54 | 21.50 | 23 |
| 10 | 64QAM | 1 | 25 | 21.67 | 21.69 | 21.66 | |
| 10 | 64QAM | 1 | 49 | 21.53 | 21.60 | 21.48 | |
| 10 | 64QAM | 25 | 0 | 20.42 | 20.43 | 20.44 | 22 |
| 10 | 64QAM | 25 | 12 | 20.59 | 20.51 | 20.51 | |
| 10 | 64QAM | 25 | 25 | 20.59 | 20.58 | 20.56 | |
| 10 | 64QAM | 50 | 0 | 20.49 | 20.47 | 20.48 | |
| 10 | 256QAM | 1 | 0 | 18.34 | 18.39 | 18.22 | 20 |
| 10 | 256QAM | 1 | 25 | 18.43 | 18.45 | 18.47 | |
| 10 | 256QAM | 1 | 49 | 18.54 | 18.47 | 18.38 | |
| 10 | 256QAM | 25 | 0 | 18.31 | 18.27 | 18.39 | 20 |
| 10 | 256QAM | 25 | 12 | 18.30 | 18.40 | 18.34 | |
| 10 | 256QAM | 25 | 25 | 18.40 | 18.37 | 18.39 | |
| 10 | 256QAM | 50 | 0 | 18.27 | 18.40 | 18.31 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 23.33 | 23.28 | 23.27 | 25 |
| 5 | QPSK | 1 | 12 | 23.42 | 23.42 | 23.39 | |
| 5 | QPSK | 1 | 24 | 23.43 | 23.44 | 23.40 | |
| 5 | QPSK | 12 | 0 | 22.44 | 22.46 | 22.41 | 24 |
| 5 | QPSK | 12 | 7 | 22.51 | 22.48 | 22.43 | |
| 5 | QPSK | 12 | 13 | 22.53 | 22.52 | 22.45 | |
| 5 | QPSK | 25 | 0 | 22.49 | 22.47 | 22.42 | |
| 5 | 16QAM | 1 | 0 | 22.65 | 22.67 | 22.66 | 24 |
| 5 | 16QAM | 1 | 12 | 22.74 | 22.78 | 22.70 | |
| 5 | 16QAM | 1 | 24 | 22.78 | 22.79 | 22.75 | |
| 5 | 16QAM | 12 | 0 | 21.46 | 21.47 | 21.46 | 23 |
| 5 | 16QAM | 12 | 7 | 21.53 | 21.52 | 21.45 | |
| 5 | 16QAM | 12 | 13 | 21.54 | 21.53 | 21.47 | |
| 5 | 16QAM | 25 | 0 | 21.51 | 21.48 | 21.44 | |
| 5 | 64QAM | 1 | 0 | 21.57 | 21.66 | 21.63 | 23 |
| 5 | 64QAM | 1 | 12 | 21.66 | 21.70 | 21.64 | |
| 5 | 64QAM | 1 | 24 | 21.79 | 21.76 | 21.67 | |
| 5 | 64QAM | 12 | 0 | 20.50 | 20.49 | 20.47 | 22 |
| 5 | 64QAM | 12 | 7 | 20.57 | 20.55 | 20.51 | |
| 5 | 64QAM | 12 | 13 | 20.57 | 20.58 | 20.52 | |
| 5 | 64QAM | 25 | 0 | 20.51 | 20.49 | 20.47 | |
| 5 | 256QAM | 1 | 0 | 18.25 | 18.31 | 18.18 | 20 |
| 5 | 256QAM | 1 | 12 | 18.40 | 18.45 | 18.42 | |
| 5 | 256QAM | 1 | 24 | 18.52 | 18.39 | 18.37 | |
| 5 | 256QAM | 12 | 0 | 18.26 | 18.25 | 18.25 | 20 |
| 5 | 256QAM | 12 | 7 | 18.25 | 18.33 | 18.30 | |
| 5 | 256QAM | 12 | 13 | 18.36 | 18.27 | 18.37 | |
| 5 | 256QAM | 25 | 0 | 18.20 | 18.30 | 18.31 | |

## Band 25_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 23.59 | 23.59 | 23.63 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.61 | 23.61 | 23.68 | |
| 20 | QPSK | 1 | 99 | 23.54 | 23.60 | 23.61 | |
| 20 | QPSK | 50 | 0 | 22.70 | 22.71 | 22.75 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.75 | 22.80 | 22.81 | |
| 20 | QPSK | 50 | 50 | 22.68 | 22.74 | 22.79 | |
| 20 | QPSK | 100 | 0 | 22.75 | 22.74 | 22.78 | |
| 20 | 16QAM | 1 | 0 | 22.96 | 22.99 | 23.00 | 24.5 |
| 20 | 16QAM | 1 | 49 | 22.92 | 22.95 | 23.00 | |
| 20 | 16QAM | 1 | 99 | 22.86 | 22.98 | 22.95 | |
| 20 | 16QAM | 50 | 0 | 21.69 | 21.73 | 21.77 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.74 | 21.80 | 21.78 | |
| 20 | 16QAM | 50 | 50 | 21.72 | 21.74 | 21.82 | |
| 20 | 16QAM | 100 | 0 | 21.74 | 21.76 | 21.74 | |
| 20 | 64QAM | 1 | 0 | 21.87 | 21.90 | 21.88 | 23.5 |
| 20 | 64QAM | 1 | 49 | 21.83 | 21.82 | 21.61 | |
| 20 | 64QAM | 1 | 99 | 21.82 | 21.88 | 21.57 | |
| 20 | 64QAM | 50 | 0 | 20.72 | 20.76 | 20.59 | 22.5 |
| 20 | 64QAM | 50 | 24 | 20.78 | 20.83 | 20.80 | |
| 20 | 64QAM | 50 | 50 | 20.71 | 20.77 | 20.84 | |
| 20 | 64QAM | 100 | 0 | 20.76 | 20.79 | 20.34 | |
| 20 | 256QAM | 1 | 0 | 18.99 | 18.87 | 18.98 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.79 | 18.97 | 19.06 | |
| 20 | 256QAM | 1 | 99 | 18.90 | 19.02 | 18.99 | |
| 20 | 256QAM | 50 | 0 | 18.75 | 18.80 | 18.65 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.81 | 18.89 | 18.89 | |
| 20 | 256QAM | 50 | 50 | 18.75 | 18.87 | 18.90 | |
| 20 | 256QAM | 100 | 0 | 18.86 | 18.86 | 18.97 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 23.52 | 23.52 | 23.53 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.56 | 23.51 | 23.67 | |
| 15 | QPSK | 1 | 74 | 23.53 | 23.62 | 23.56 | |
| 15 | QPSK | 36 | 0 | 22.67 | 22.68 | 22.68 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.72 | 22.79 | 22.76 | |
| 15 | QPSK | 36 | 39 | 22.61 | 22.65 | 22.81 | |
| 15 | QPSK | 75 | 0 | 22.71 | 22.72 | 22.71 | |
| 15 | 16QAM | 1 | 0 | 22.91 | 22.99 | 22.93 | 24.5 |
| 15 | 16QAM | 1 | 37 | 22.87 | 22.92 | 22.96 | |
| 15 | 16QAM | 1 | 74 | 22.80 | 22.93 | 22.88 | |
| 15 | 16QAM | 36 | 0 | 21.67 | 21.69 | 21.74 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.73 | 21.80 | 21.69 | |
| 15 | 16QAM | 36 | 39 | 21.71 | 21.65 | 21.80 | |
| 15 | 16QAM | 75 | 0 | 21.68 | 21.71 | 21.69 | |
| 15 | 64QAM | 1 | 0 | 21.87 | 21.86 | 21.82 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.78 | 21.81 | 21.57 | |
| 15 | 64QAM | 1 | 74 | 21.74 | 21.78 | 21.58 | |
| 15 | 64QAM | 36 | 0 | 20.65 | 20.68 | 20.59 | 22.5 |
| 15 | 64QAM | 36 | 20 | 20.71 | 20.77 | 20.71 | |
| 15 | 64QAM | 36 | 39 | 20.65 | 20.67 | 20.76 | |
| 15 | 64QAM | 75 | 0 | 20.66 | 20.76 | 20.53 | |
| 15 | 256QAM | 1 | 0 | 18.96 | 18.86 | 18.94 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.73 | 18.96 | 19.00 | |
| 15 | 256QAM | 1 | 74 | 18.85 | 18.96 | 18.96 | |
| 15 | 256QAM | 36 | 0 | 18.72 | 18.74 | 18.64 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.75 | 18.79 | 18.84 | |
| 15 | 256QAM | 36 | 39 | 18.70 | 18.82 | 18.88 | |
| 15 | 256QAM | 75 | 0 | 18.86 | 18.86 | 18.90 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 23.57 | 23.51 | 23.60 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.56 | 23.59 | 23.66 | |
| 10 | QPSK | 1 | 49 | 23.51 | 23.58 | 23.56 | |
| 10 | QPSK | 25 | 0 | 22.70 | 22.68 | 22.72 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.73 | 22.72 | 22.72 | |
| 10 | QPSK | 25 | 25 | 22.65 | 22.69 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.68 | 22.73 | 22.73 | |
| 10 | 16QAM | 1 | 0 | 22.91 | 22.90 | 22.95 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.84 | 22.87 | 22.90 | |
| 10 | 16QAM | 1 | 49 | 22.82 | 22.91 | 22.85 | |
| 10 | 16QAM | 25 | 0 | 21.65 | 21.70 | 21.69 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.72 | 21.71 | 21.78 | |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.70 | 21.73 | |
| 10 | 16QAM | 50 | 0 | 21.65 | 21.69 | 21.71 | |
| 10 | 64QAM | 1 | 0 | 21.86 | 21.86 | 21.82 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.74 | 21.80 | 21.57 | |
| 10 | 64QAM | 1 | 49 | 21.75 | 21.83 | 21.52 | |
| 10 | 64QAM | 25 | 0 | 20.66 | 20.76 | 20.55 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.76 | 20.83 | 20.80 | |
| 10 | 64QAM | 25 | 25 | 20.65 | 20.76 | 20.75 | |
| 10 | 64QAM | 50 | 0 | 20.71 | 20.77 | 20.29 | |
| 10 | 256QAM | 1 | 0 | 18.97 | 18.86 | 18.98 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.69 | 18.97 | 19.05 | |
| 10 | 256QAM | 1 | 49 | 18.87 | 19.01 | 18.96 | |
| 10 | 256QAM | 25 | 0 | 18.75 | 18.74 | 18.64 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.73 | 18.84 | 18.89 | |
| 10 | 256QAM | 25 | 25 | 18.67 | 18.78 | 18.85 | |
| 10 | 256QAM | 50 | 0 | 18.77 | 18.83 | 18.93 | |
| Channel | | | | 26065 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 23.53 | 23.51 | 23.58 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.52 | 23.54 | 23.59 | |
| 5 | QPSK | 1 | 24 | 23.52 | 23.58 | 23.52 | |
| 5 | QPSK | 12 | 0 | 22.61 | 22.65 | 22.72 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.67 | 22.78 | 22.69 | |
| 5 | QPSK | 12 | 13 | 22.64 | 22.71 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.72 | 22.65 | 22.72 | |
| 5 | 16QAM | 1 | 0 | 22.95 | 22.89 | 22.95 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.87 | 22.87 | 22.97 | |
| 5 | 16QAM | 1 | 24 | 22.86 | 22.92 | 22.86 | |
| 5 | 16QAM | 12 | 0 | 21.68 | 21.65 | 21.73 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.65 | 21.70 | 21.76 | |
| 5 | 16QAM | 12 | 13 | 21.68 | 21.74 | 21.78 | |
| 5 | 16QAM | 25 | 0 | 21.74 | 21.74 | 21.67 | |
| 5 | 64QAM | 1 | 0 | 21.84 | 21.87 | 21.79 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.82 | 21.80 | 21.59 | |
| 5 | 64QAM | 1 | 24 | 21.77 | 21.84 | 21.56 | |
| 5 | 64QAM | 12 | 0 | 20.69 | 20.74 | 20.59 | 22.5 |
| 5 | 64QAM | 12 | 7 | 20.73 | 20.82 | 20.77 | |
| 5 | 64QAM | 12 | 13 | 20.61 | 20.76 | 20.81 | |
| 5 | 64QAM | 25 | 0 | 20.72 | 20.79 | 20.29 | |
| 5 | 256QAM | 1 | 0 | 18.98 | 18.86 | 18.90 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.89 | 18.98 | |
| 5 | 256QAM | 1 | 24 | 18.87 | 18.99 | 18.92 | |
| 5 | 256QAM | 12 | 0 | 18.71 | 18.72 | 18.62 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.74 | 18.83 | 18.80 | |
| 5 | 256QAM | 12 | 13 | 18.68 | 18.79 | 18.85 | |
| 5 | 256QAM | 25 | 0 | 18.81 | 18.77 | 18.87 | |
| Channel | | | | 26055 | 26340 | 26625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 23.59 | 23.56 | 23.59 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.56 | 23.52 | 23.62 | |
| 3 | QPSK | 1 | 14 | 23.59 | 23.53 | 23.58 | |
| 3 | QPSK | 8 | 0 | 22.83 | 22.87 | 22.72 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.72 | 22.79 | 22.75 | |
| 3 | QPSK | 8 | 7 | 22.58 | 22.69 | 22.79 | |
| 3 | QPSK | 15 | 0 | 22.65 | 22.65 | 22.73 | |
| 3 | 16QAM | 1 | 0 | 22.87 | 22.96 | 22.92 | 24.5 |
| 3 | 16QAM | 1 | 8 | 22.88 | 22.94 | 23.00 | |
| 3 | 16QAM | 1 | 14 | 22.83 | 22.94 | 22.91 | |
| 3 | 16QAM | 8 | 0 | 21.68 | 21.67 | 21.74 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.73 | 21.77 | 21.79 | |
| 3 | 16QAM | 8 | 7 | 21.71 | 21.66 | 21.76 | |
| 3 | 16QAM | 15 | 0 | 21.73 | 21.75 | 21.72 | |
| 3 | 64QAM | 1 | 0 | 21.87 | 21.90 | 21.87 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.79 | 21.78 | 21.55 | |
| 3 | 64QAM | 1 | 14 | 21.80 | 21.81 | 21.52 | |
| 3 | 64QAM | 8 | 0 | 20.66 | 20.66 | 20.57 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.78 | 20.75 | 20.74 | |
| 3 | 64QAM | 8 | 7 | 20.67 | 20.68 | 20.74 | |
| 3 | 64QAM | 15 | 0 | 20.66 | 20.77 | 20.24 | |
| 3 | 256QAM | 1 | 0 | 18.95 | 18.86 | 18.86 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.71 | 18.87 | 19.05 | |
| 3 | 256QAM | 1 | 14 | 18.86 | 18.99 | 18.89 | |
| 3 | 256QAM | 8 | 0 | 18.70 | 18.70 | 18.61 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.81 | 18.87 | 18.80 | |
| 3 | 256QAM | 8 | 7 | 18.71 | 18.86 | 18.85 | |
| 3 | 256QAM | 15 | 0 | 18.85 | 18.83 | 18.92 | |
| Channel | | | | 26047 | 26340 | 26633 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 23.57 | 23.55 | 23.59 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.58 | 23.63 | 23.58 | |
| 1.4 | QPSK | 1 | 5 | 23.53 | 23.61 | 23.61 | |
| 1.4 | QPSK | 3 | 0 | 23.54 | 23.55 | 23.62 | |
| 1.4 | QPSK | 3 | 1 | 23.58 | 23.61 | 23.59 | |
| 1.4 | QPSK | 3 | 3 | 23.56 | 23.62 | 23.66 | |
| 1.4 | QPSK | 6 | 0 | 22.62 | 22.69 | 22.76 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.85 | 22.85 | 22.90 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 22.96 | 22.96 | 23.01 | |
| 1.4 | 16QAM | 1 | 5 | 22.90 | 22.92 | 22.95 | |
| 1.4 | 16QAM | 3 | 0 | 22.62 | 22.67 | 22.67 | |
| 1.4 | 16QAM | 3 | 1 | 22.70 | 22.73 | 22.75 | |
| 1.4 | 16QAM | 3 | 3 | 22.87 | 22.72 | 22.70 | |
| 1.4 | 16QAM | 6 | 0 | 21.70 | 21.78 | 21.79 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.75 | 21.75 | 21.51 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.86 | 21.88 | 21.55 | |
| 1.4 | 64QAM | 1 | 5 | 21.73 | 21.81 | 21.50 | |
| 1.4 | 64QAM | 3 | 0 | 21.73 | 21.76 | 21.36 | |
| 1.4 | 64QAM | 3 | 1 | 21.80 | 21.82 | 21.42 | |
| 1.4 | 64QAM | 3 | 3 | 21.76 | 21.81 | 21.22 | |
| 1.4 | 64QAM | 6 | 0 | 20.64 | 20.71 | 20.50 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.90 | 18.92 | 18.94 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.94 | 18.90 | 18.86 | |
| 1.4 | 256QAM | 1 | 5 | 18.89 | 18.89 | 18.94 | |
| 1.4 | 256QAM | 3 | 0 | 18.86 | 18.92 | 18.95 | |
| 1.4 | 256QAM | 3 | 1 | 18.87 | 18.87 | 18.89 | |
| 1.4 | 256QAM | 3 | 3 | 18.86 | 18.95 | 18.90 | |
| 1.4 | 256QAM | 6 | 0 | 18.95 | 18.88 | 18.93 | 20.5 |

## Band 26_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26705 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 23.60 | 23.49 | 23.47 | |
| 15 | QPSK | 1 | 37 | 23.46 | 23.46 | 23.43 | 25 |
| 15 | QPSK | 1 | 74 | 23.51 | 23.48 | 23.33 | |
| 15 | QPSK | 36 | 0 | 22.63 | 22.64 | 22.57 | |
| 15 | QPSK | 36 | 20 | 22.61 | 22.63 | 22.55 | 24 |
| 15 | QPSK | 36 | 39 | 22.62 | 22.62 | 22.54 | |
| 15 | QPSK | 75 | 0 | 22.66 | 22.64 | 22.57 | |
| 15 | 16QAM | 1 | 0 | 22.87 | 22.79 | 22.78 | |
| 15 | 16QAM | 1 | 37 | 22.78 | 22.78 | 22.76 | 24 |
| 15 | 16QAM | 1 | 74 | 22.74 | 22.74 | 22.64 | |
| 15 | 16QAM | 36 | 0 | 21.61 | 21.60 | 21.59 | |
| 15 | 16QAM | 36 | 20 | 21.64 | 21.64 | 21.56 | 23 |
| 15 | 16QAM | 36 | 39 | 21.61 | 21.62 | 21.58 | |
| 15 | 16QAM | 75 | 0 | 21.66 | 21.64 | 21.59 | |
| 15 | 64QAM | 1 | 0 | 21.73 | 21.64 | 21.68 | |
| 15 | 64QAM | 1 | 37 | 21.71 | 21.74 | 21.68 | 23 |
| 15 | 64QAM | 1 | 74 | 21.73 | 21.68 | 21.06 | |
| 15 | 64QAM | 36 | 0 | 20.30 | 20.63 | 20.65 | |
| 15 | 64QAM | 36 | 20 | 20.52 | 20.69 | 20.60 | 22 |
| 15 | 64QAM | 36 | 39 | 20.65 | 20.68 | 20.48 | |
| 15 | 64QAM | 75 | 0 | 20.67 | 20.66 | 20.58 | |
| 15 | 256QAM | 1 | 0 | 18.64 | 18.53 | 18.58 | |
| 15 | 256QAM | 1 | 37 | 18.59 | 18.53 | 18.50 | 20 |
| 15 | 256QAM | 1 | 74 | 18.50 | 18.57 | 18.40 | |
| 15 | 256QAM | 36 | 0 | 18.48 | 18.50 | 18.59 | |
| 15 | 256QAM | 36 | 20 | 18.48 | 18.47 | 18.36 | 20 |
| 15 | 256QAM | 36 | 39 | 18.37 | 18.41 | 18.42 | |
| 15 | 256QAM | 75 | 0 | 18.46 | 18.51 | 18.39 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.54 | 23.39 | 23.45 | |
| 10 | QPSK | 1 | 25 | 23.38 | 23.40 | 23.42 | 25 |
| 10 | QPSK | 1 | 49 | 23.42 | 23.49 | 23.23 | |
| 10 | QPSK | 25 | 0 | 22.59 | 22.55 | 22.55 | |
| 10 | QPSK | 25 | 12 | 22.63 | 22.60 | 22.50 | 24 |
| 10 | QPSK | 25 | 25 | 22.62 | 22.57 | 22.49 | |
| 10 | QPSK | 50 | 0 | 22.64 | 22.64 | 22.53 | |
| 10 | 16QAM | 1 | 0 | 22.82 | 22.75 | 22.73 | |
| 10 | 16QAM | 1 | 25 | 22.76 | 22.73 | 22.73 | 24 |
| 10 | 16QAM | 1 | 49 | 22.73 | 22.71 | 22.62 | |
| 10 | 16QAM | 25 | 0 | 21.57 | 21.59 | 21.57 | |
| 10 | 16QAM | 25 | 12 | 21.57 | 21.56 | 21.53 | 23 |
| 10 | 16QAM | 25 | 25 | 21.57 | 21.52 | 21.54 | |
| 10 | 16QAM | 50 | 0 | 21.66 | 21.63 | 21.50 | |
| 10 | 64QAM | 1 | 0 | 21.73 | 21.62 | 21.68 | |
| 10 | 64QAM | 1 | 25 | 21.66 | 21.74 | 21.59 | 23 |
| 10 | 64QAM | 1 | 49 | 21.71 | 21.60 | 21.06 | |
| 10 | 64QAM | 25 | 0 | 20.22 | 20.60 | 20.61 | |
| 10 | 64QAM | 25 | 12 | 20.44 | 20.67 | 20.57 | 22 |
| 10 | 64QAM | 25 | 25 | 20.57 | 20.62 | 20.42 | |
| 10 | 64QAM | 50 | 0 | 20.62 | 20.59 | 20.51 | |
| 10 | 256QAM | 1 | 0 | 18.61 | 18.49 | 18.55 | |
| 10 | 256QAM | 1 | 25 | 18.49 | 18.47 | 18.47 | 20 |
| 10 | 256QAM | 1 | 49 | 18.48 | 18.51 | 18.30 | |
| 10 | 256QAM | 25 | 0 | 18.41 | 18.45 | 18.43 | |
| 10 | 256QAM | 25 | 12 | 18.48 | 18.45 | 18.30 | 20 |
| 10 | 256QAM | 25 | 25 | 18.35 | 18.40 | 18.42 | |
| 10 | 256QAM | 50 | 0 | 18.45 | 18.41 | 18.37 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.53 | 23.40 | 23.47 | |
| 5 | QPSK | 1 | 12 | 23.37 | 23.44 | 23.35 | 25 |
| 5 | QPSK | 1 | 24 | 23.50 | 23.42 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.60 | 22.55 | 22.57 | |
| 5 | QPSK | 12 | 7 | 22.57 | 22.56 | 22.53 | 24 |
| 5 | QPSK | 12 | 13 | 22.60 | 22.52 | 22.56 | |
| 5 | QPSK | 25 | 0 | 22.62 | 22.64 | 22.48 | |
| 5 | 16QAM | 1 | 0 | 22.87 | 22.78 | 22.74 | |
| 5 | 16QAM | 1 | 12 | 22.73 | 22.70 | 22.72 | 24 |
| 5 | 16QAM | 1 | 24 | 22.64 | 22.67 | 22.56 | |
| 5 | 16QAM | 12 | 0 | 21.57 | 21.58 | 21.49 | |
| 5 | 16QAM | 12 | 7 | 21.55 | 21.61 | 21.47 | 23 |
| 5 | 16QAM | 12 | 13 | 21.55 | 21.60 | 21.53 | |
| 5 | 16QAM | 25 | 0 | 21.64 | 21.54 | 21.57 | |
| 5 | 64QAM | 1 | 0 | 21.72 | 21.60 | 21.63 | |
| 5 | 64QAM | 1 | 12 | 21.69 | 21.71 | 21.68 | 23 |
| 5 | 64QAM | 1 | 24 | 21.71 | 21.59 | 21.06 | |
| 5 | 64QAM | 12 | 0 | 20.20 | 20.54 | 20.57 | |
| 5 | 64QAM | 12 | 7 | 20.46 | 20.60 | 20.52 | 22 |
| 5 | 64QAM | 12 | 13 | 20.60 | 20.67 | 20.40 | |
| 5 | 64QAM | 25 | 0 | 20.65 | 20.57 | 20.57 | |
| 5 | 256QAM | 1 | 0 | 18.54 | 18.51 | 18.51 | |
| 5 | 256QAM | 1 | 12 | 18.56 | 18.48 | 18.42 | 20 |
| 5 | 256QAM | 1 | 24 | 18.49 | 18.55 | 18.30 | |
| 5 | 256QAM | 12 | 0 | 18.40 | 18.41 | 18.40 | |
| 5 | 256QAM | 12 | 7 | 18.45 | 18.39 | 18.29 | 20 |
| 5 | 256QAM | 12 | 13 | 18.27 | 18.41 | 18.38 | |
| 5 | 256QAM | 25 | 0 | 18.46 | 18.43 | 18.36 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.47 | 23.44 | 23.46 | |
| 3 | QPSK | 1 | 8 | 23.41 | 23.46 | 23.34 | 25 |
| 3 | QPSK | 1 | 14 | 23.51 | 23.44 | 23.27 | |
| 3 | QPSK | 8 | 0 | 22.62 | 22.59 | 22.49 | |
| 3 | QPSK | 8 | 4 | 22.62 | 22.58 | 22.50 | 24 |
| 3 | QPSK | 8 | 7 | 22.56 | 22.56 | 22.56 | |
| 3 | QPSK | 15 | 0 | 22.60 | 22.64 | 22.51 | |
| 3 | 16QAM | 1 | 0 | 22.77 | 22.77 | 22.72 | |
| 3 | 16QAM | 1 | 8 | 22.78 | 22.69 | 22.70 | 24 |
| 3 | 16QAM | 1 | 14 | 22.71 | 22.66 | 22.62 | |
| 3 | 16QAM | 8 | 0 | 21.54 | 21.57 | 21.56 | |
| 3 | 16QAM | 8 | 4 | 21.54 | 21.62 | 21.52 | 23 |
| 3 | 16QAM | 8 | 7 | 21.51 | 21.54 | 21.52 | |
| 3 | 16QAM | 15 | 0 | 21.64 | 21.56 | 21.53 | |
| 3 | 64QAM | 1 | 0 | 21.65 | 21.55 | 21.68 | |
| 3 | 64QAM | 1 | 8 | 21.69 | 21.73 | 21.63 | 23 |
| 3 | 64QAM | 1 | 14 | 21.73 | 21.63 | 21.06 | |
| 3 | 64QAM | 8 | 0 | 20.20 | 20.58 | 20.60 | |
| 3 | 64QAM | 8 | 4 | 20.44 | 20.63 | 20.53 | 22 |
| 3 | 64QAM | 8 | 7 | 20.62 | 20.62 | 20.39 | |
| 3 | 64QAM | 15 | 0 | 20.61 | 20.65 | 20.58 | |
| 3 | 256QAM | 1 | 0 | 18.57 | 18.49 | 18.56 | |
| 3 | 256QAM | 1 | 8 | 18.59 | 18.49 | 18.48 | 20 |
| 3 | 256QAM | 1 | 14 | 18.41 | 18.56 | 18.36 | |
| 3 | 256QAM | 8 | 0 | 18.44 | 18.50 | 18.45 | |
| 3 | 256QAM | 8 | 4 | 18.46 | 18.43 | 18.33 | 20 |
| 3 | 256QAM | 8 | 7 | 18.35 | 18.36 | 18.32 | |
| 3 | 256QAM | 15 | 0 | 18.46 | 18.46 | 18.33 | |
| Channel | | | | 26707 | 26865 | 27023 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.57 | 23.42 | 23.41 | |
| 1.4 | QPSK | 1 | 3 | 23.58 | 23.54 | 23.40 | |
| 1.4 | QPSK | 1 | 5 | 23.53 | 23.44 | 23.31 | 25 |
| 1.4 | QPSK | 3 | 0 | 23.59 | 23.45 | 23.41 | |
| 1.4 | QPSK | 3 | 1 | 23.57 | 23.52 | 23.46 | |
| 1.4 | QPSK | 3 | 3 | 23.59 | 23.49 | 23.44 | |
| 1.4 | QPSK | 6 | 0 | 22.67 | 22.57 | 22.46 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.92 | 22.82 | 22.69 | |
| 1.4 | 16QAM | 1 | 3 | 22.95 | 22.84 | 22.74 | |
| 1.4 | 16QAM | 1 | 5 | 22.88 | 22.74 | 22.67 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.70 | 22.57 | 22.49 | |
| 1.4 | 16QAM | 3 | 1 | 22.77 | 22.62 | 22.52 | |
| 1.4 | 16QAM | 3 | 3 | 22.66 | 22.60 | 22.44 | |
| 1.4 | 16QAM | 6 | 0 | 21.71 | 21.65 | 21.51 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.44 | 21.74 | 21.02 | |
| 1.4 | 64QAM | 1 | 3 | 21.49 | 21.82 | 21.08 | |
| 1.4 | 64QAM | 1 | 5 | 21.44 | 21.74 | 21.02 | 23 |
| 1.4 | 64QAM | 3 | 0 | 21.45 | 21.68 | 21.00 | |
| 1.4 | 64QAM | 3 | 1 | 21.51 | 21.73 | 21.08 | |
| 1.4 | 64QAM | 3 | 3 | 21.44 | 21.71 | 21.07 | |
| 1.4 | 64QAM | 6 | 0 | 20.27 | 20.61 | 20.00 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.63 | 18.51 | 18.55 | |
| 1.4 | 256QAM | 1 | 3 | 18.56 | 18.47 | 18.59 | |
| 1.4 | 256QAM | 1 | 5 | 18.41 | 18.47 | 18.35 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.46 | 18.46 | 18.49 | |
| 1.4 | 256QAM | 3 | 1 | 18.38 | 18.44 | 18.30 | |
| 1.4 | 256QAM | 3 | 3 | 18.30 | 18.35 | 18.39 | |
| 1.4 | 256QAM | 6 | 0 | 18.44 | 18.43 | 18.38 | 20 |

| Band 30_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 27710 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | QPSK | 1 | 0 | | 23.87 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 23.88 | | |
| 10 | QPSK | 1 | 49 | | 23.85 | | |
| 10 | QPSK | 25 | 0 | | 22.90 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 22.94 | | |
| 10 | QPSK | 25 | 25 | | 22.96 | | |
| 10 | QPSK | 50 | 0 | | 22.94 | | |
| 10 | 16QAM | 1 | 0 | | 23.21 | | 24.7 |
| 10 | 16QAM | 1 | 25 | | 23.25 | | |
| 10 | 16QAM | 1 | 49 | | 23.23 | | |
| 10 | 16QAM | 25 | 0 | | 21.88 | | 23.7 |
| 10 | 16QAM | 25 | 12 | | 21.97 | | |
| 10 | 16QAM | 25 | 25 | | 21.94 | | |
| 10 | 16QAM | 50 | 0 | | 21.93 | | |
| 10 | 64QAM | 1 | 0 | | 22.09 | | 23.7 |
| 10 | 64QAM | 1 | 25 | | 22.17 | | |
| 10 | 64QAM | 1 | 49 | | 22.02 | | |
| 10 | 64QAM | 25 | 0 | | 20.92 | | 22.7 |
| 10 | 64QAM | 25 | 12 | | 21.02 | | |
| 10 | 64QAM | 25 | 25 | | 20.95 | | |
| 10 | 64QAM | 50 | 0 | | 20.98 | | |
| 10 | 256QAM | 1 | 0 | | 19.20 | | 20.7 |
| 10 | 256QAM | 1 | 25 | | 19.29 | | |
| 10 | 256QAM | 1 | 49 | | 19.13 | | |
| 10 | 256QAM | 25 | 0 | | 18.96 | | 20.7 |
| 10 | 256QAM | 25 | 12 | | 19.06 | | |
| 10 | 256QAM | 25 | 25 | | 19.03 | | |
| 10 | 256QAM | 50 | 0 | | 19.03 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 23.75 | 23.79 | 23.86 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.82 | 23.86 | 23.80 | |
| 5 | QPSK | 1 | 24 | 23.85 | 23.87 | 23.79 | |
| 5 | QPSK | 12 | 0 | 22.87 | 22.89 | 22.94 | 24.7 |
| 5 | QPSK | 12 | 7 | 22.99 | 22.94 | 22.98 | |
| 5 | QPSK | 12 | 13 | 22.99 | 22.93 | 22.98 | |
| 5 | QPSK | 25 | 0 | 22.97 | 22.94 | 22.99 | |
| 5 | 16QAM | 1 | 0 | 23.07 | 23.10 | 23.17 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.18 | 23.17 | 23.19 | |
| 5 | 16QAM | 1 | 24 | 23.24 | 23.18 | 23.25 | |
| 5 | 16QAM | 12 | 0 | 21.88 | 21.93 | 21.95 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.01 | 21.98 | 22.00 | |
| 5 | 16QAM | 12 | 13 | 22.01 | 21.95 | 21.98 | |
| 5 | 16QAM | 25 | 0 | 21.96 | 21.94 | 21.94 | |
| 5 | 64QAM | 1 | 0 | 22.03 | 22.08 | 21.87 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.14 | 21.97 | |
| 5 | 64QAM | 1 | 24 | 22.16 | 22.09 | 21.83 | |
| 5 | 64QAM | 12 | 0 | 20.94 | 20.96 | 20.93 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.05 | 21.02 | 20.96 | |
| 5 | 64QAM | 12 | 13 | 21.05 | 20.96 | 20.95 | |
| 5 | 64QAM | 25 | 0 | 21.01 | 21.00 | 20.81 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.19 | 19.18 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.21 | 19.19 | 19.22 | |
| 5 | 256QAM | 1 | 24 | 19.08 | 19.05 | 19.05 | |
| 5 | 256QAM | 12 | 0 | 18.93 | 18.86 | 18.90 | 20.7 |
| 5 | 256QAM | 12 | 7 | 18.99 | 19.06 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 19.03 | 18.93 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 19.03 | 18.96 | 19.01 | |

## Band 66_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 23.93 | 23.97 | 23.84 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.83 | 23.85 | 23.72 | |
| 20 | QPSK | 1 | 99 | 23.75 | 23.80 | 23.62 | |
| 20 | QPSK | 50 | 0 | 22.94 | 22.97 | 22.84 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.98 | 22.99 | 22.90 | |
| 20 | QPSK | 50 | 50 | 22.94 | 22.95 | 22.82 | |
| 20 | QPSK | 100 | 0 | 22.92 | 22.93 | 22.91 | |
| 20 | 16QAM | 1 | 0 | 23.26 | 23.30 | 23.20 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.18 | 23.19 | 23.04 | |
| 20 | 16QAM | 1 | 99 | 23.09 | 23.09 | 22.91 | |
| 20 | 16QAM | 50 | 0 | 21.93 | 21.96 | 21.87 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.99 | 21.94 | 21.91 | |
| 20 | 16QAM | 50 | 50 | 21.95 | 21.94 | 21.84 | |
| 20 | 16QAM | 100 | 0 | 21.96 | 21.88 | 21.90 | |
| 20 | 64QAM | 1 | 0 | 22.03 | 22.16 | 22.07 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.06 | 22.07 | 21.67 | |
| 20 | 64QAM | 1 | 99 | 22.01 | 22.05 | 21.87 | |
| 20 | 64QAM | 50 | 0 | 20.96 | 21.00 | 20.91 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.01 | 20.97 | 20.70 | |
| 20 | 64QAM | 50 | 50 | 20.95 | 20.98 | 20.86 | |
| 20 | 64QAM | 100 | 0 | 21.01 | 20.93 | 20.91 | |
| 20 | 256QAM | 1 | 0 | 18.91 | 19.00 | 18.96 | 20.5 |
| 20 | 256QAM | 1 | 49 | 19.06 | 19.04 | 18.89 | |
| 20 | 256QAM | 1 | 99 | 19.02 | 19.08 | 19.06 | |
| 20 | 256QAM | 50 | 0 | 18.87 | 18.88 | 18.89 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.85 | 18.92 | 18.94 | |
| 20 | 256QAM | 50 | 50 | 18.93 | 18.99 | 18.86 | |
| 20 | 256QAM | 100 | 0 | 18.92 | 18.90 | 18.99 | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.93 | 23.96 | 23.74 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.77 | 23.83 | 23.62 | |
| 15 | QPSK | 1 | 74 | 23.70 | 23.75 | 23.54 | |
| 15 | QPSK | 36 | 0 | 22.84 | 22.88 | 22.79 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.92 | 22.96 | 22.86 | |
| 15 | QPSK | 36 | 39 | 22.89 | 22.92 | 22.81 | |
| 15 | QPSK | 75 | 0 | 22.89 | 22.88 | 22.89 | |
| 15 | 16QAM | 1 | 0 | 23.21 | 23.25 | 23.13 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.17 | 23.09 | 23.02 | |
| 15 | 16QAM | 1 | 74 | 23.00 | 23.00 | 22.87 | |
| 15 | 16QAM | 36 | 0 | 21.83 | 21.96 | 21.78 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.98 | 21.90 | 21.85 | |
| 15 | 16QAM | 36 | 39 | 21.89 | 21.92 | 21.78 | |
| 15 | 16QAM | 75 | 0 | 21.95 | 21.85 | 21.82 | |
| 15 | 64QAM | 1 | 0 | 21.98 | 22.14 | 22.00 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.96 | 22.02 | 21.61 | |
| 15 | 64QAM | 1 | 74 | 21.97 | 22.00 | 21.78 | |
| 15 | 64QAM | 36 | 0 | 20.87 | 20.95 | 20.81 | 22.5 |
| 15 | 64QAM | 36 | 20 | 20.97 | 20.96 | 20.67 | |
| 15 | 64QAM | 36 | 39 | 20.87 | 20.98 | 20.78 | |
| 15 | 64QAM | 75 | 0 | 20.91 | 20.86 | 20.81 | |
| 15 | 256QAM | 1 | 0 | 18.90 | 18.97 | 18.88 | 20.5 |
| 15 | 256QAM | 1 | 37 | 19.00 | 19.04 | 18.84 | |
| 15 | 256QAM | 1 | 74 | 18.99 | 19.04 | 19.04 | |
| 15 | 256QAM | 36 | 0 | 18.80 | 18.86 | 18.81 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.79 | 18.89 | 18.90 | |
| 15 | 256QAM | 36 | 39 | 18.91 | 18.98 | 18.81 | |
| 15 | 256QAM | 75 | 0 | 18.89 | 18.85 | 18.89 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.93 | 23.88 | 23.76 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.82 | 23.80 | 23.65 | |
| 10 | QPSK | 1 | 49 | 23.66 | 23.74 | 23.54 | |
| 10 | QPSK | 25 | 0 | 22.85 | 22.90 | 22.79 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.92 | 22.90 | 22.86 | |
| 10 | QPSK | 25 | 25 | 22.94 | 22.86 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.83 | 22.86 | 22.84 | |
| 10 | 16QAM | 1 | 0 | 23.23 | 23.25 | 23.19 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.13 | 23.12 | 22.99 | |
| 10 | 16QAM | 1 | 49 | 23.08 | 23.07 | 22.90 | |
| 10 | 16QAM | 25 | 0 | 21.87 | 21.89 | 21.87 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.89 | 21.84 | 21.83 | |
| 10 | 16QAM | 25 | 25 | 21.85 | 21.88 | 21.79 | |
| 10 | 16QAM | 50 | 0 | 21.88 | 21.88 | 21.89 | |
| 10 | 64QAM | 1 | 0 | 22.00 | 22.06 | 21.99 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.02 | 22.03 | 21.60 | |
| 10 | 64QAM | 1 | 49 | 22.00 | 22.05 | 21.82 | |
| 10 | 64QAM | 25 | 0 | 20.94 | 20.98 | 20.83 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.97 | 20.92 | 20.63 | |
| 10 | 64QAM | 25 | 25 | 20.91 | 20.94 | 20.84 | |
| 10 | 64QAM | 50 | 0 | 20.94 | 20.89 | 20.81 | |
| 10 | 256QAM | 1 | 0 | 18.85 | 18.98 | 18.87 | 20.5 |
| 10 | 256QAM | 1 | 25 | 19.00 | 19.00 | 18.88 | |
| 10 | 256QAM | 1 | 49 | 19.02 | 19.03 | 18.97 | |
| 10 | 256QAM | 25 | 0 | 18.82 | 18.86 | 18.87 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.80 | 18.89 | 18.86 | |
| 10 | 256QAM | 25 | 25 | 18.89 | 18.95 | 18.80 | |
| 10 | 256QAM | 50 | 0 | 18.88 | 18.81 | 18.98 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.92 | 23.93 | 23.78 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.74 | 23.75 | 23.66 | |
| 5 | QPSK | 1 | 24 | 23.66 | 23.75 | 23.56 | |
| 5 | QPSK | 12 | 0 | 22.87 | 22.97 | 22.79 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.96 | 22.92 | 22.88 | |
| 5 | QPSK | 12 | 13 | 22.90 | 22.89 | 22.81 | |
| 5 | QPSK | 25 | 0 | 22.82 | 22.83 | 22.88 | |
| 5 | 16QAM | 1 | 0 | 23.24 | 23.29 | 23.13 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.16 | 23.17 | 23.00 | |
| 5 | 16QAM | 1 | 24 | 23.09 | 23.03 | 22.87 | |
| 5 | 16QAM | 12 | 0 | 21.87 | 21.86 | 21.84 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.99 | 21.92 | 21.85 | |
| 5 | 16QAM | 12 | 13 | 21.86 | 21.88 | 21.83 | |
| 5 | 16QAM | 25 | 0 | 21.87 | 21.81 | 21.84 | |
| 5 | 64QAM | 1 | 0 | 21.98 | 22.07 | 22.04 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.02 | 22.03 | 21.63 | |
| 5 | 64QAM | 1 | 24 | 21.91 | 22.00 | 21.78 | |
| 5 | 64QAM | 12 | 0 | 20.86 | 20.98 | 20.85 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.00 | 20.95 | 20.64 | |
| 5 | 64QAM | 12 | 13 | 20.89 | 20.92 | 20.82 | |
| 5 | 64QAM | 25 | 0 | 21.00 | 20.92 | 20.85 | |
| 5 | 256QAM | 1 | 0 | 18.86 | 18.96 | 18.96 | 20.5 |
| 5 | 256QAM | 1 | 12 | 19.05 | 18.97 | 18.88 | |
| 5 | 256QAM | 1 | 24 | 18.99 | 19.03 | 19.05 | |
| 5 | 256QAM | 12 | 0 | 18.82 | 18.86 | 18.88 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.78 | 18.88 | 18.90 | |
| 5 | 256QAM | 12 | 13 | 18.92 | 18.95 | 18.82 | |
| 5 | 256QAM | 25 | 0 | 18.87 | 18.86 | 18.90 | |
| Channel | | | | 131962 | 132322 | 132682 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.83 | 23.88 | 23.75 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.81 | 23.83 | 23.66 | |
| 3 | QPSK | 1 | 14 | 23.70 | 23.71 | 23.61 | |
| 3 | QPSK | 8 | 0 | 22.88 | 22.96 | 22.83 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.94 | 22.99 | 22.88 | |
| 3 | QPSK | 8 | 7 | 22.94 | 22.86 | 22.75 | |
| 3 | QPSK | 15 | 0 | 22.68 | 22.91 | 22.84 | |
| 3 | 16QAM | 1 | 0 | 23.23 | 23.23 | 23.19 | 24.5 |
| 3 | 16QAM | 1 | 8 | 23.16 | 23.17 | 22.99 | |
| 3 | 16QAM | 1 | 14 | 23.07 | 23.00 | 22.90 | |
| 3 | 16QAM | 8 | 0 | 21.84 | 21.95 | 21.87 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.91 | 21.88 | 21.91 | |
| 3 | 16QAM | 8 | 7 | 21.94 | 21.86 | 21.77 | |
| 3 | 16QAM | 15 | 0 | 21.96 | 21.80 | 21.87 | |
| 3 | 64QAM | 1 | 0 | 21.97 | 22.10 | 21.97 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.96 | 22.05 | 21.59 | |
| 3 | 64QAM | 1 | 14 | 21.97 | 21.96 | 21.80 | |
| 3 | 64QAM | 8 | 0 | 20.88 | 20.91 | 20.90 | 22.5 |
| 3 | 64QAM | 8 | 4 | 21.00 | 20.90 | 20.65 | |
| 3 | 64QAM | 8 | 7 | 20.89 | 20.94 | 20.89 | |
| 3 | 64QAM | 15 | 0 | 20.96 | 20.86 | 20.88 | |
| 3 | 256QAM | 1 | 0 | 18.85 | 18.99 | 18.95 | 20.5 |
| 3 | 256QAM | 1 | 8 | 19.00 | 18.98 | 18.83 | |
| 3 | 256QAM | 1 | 14 | 18.98 | 19.01 | 18.96 | |
| 3 | 256QAM | 8 | 0 | 18.77 | 18.80 | 18.86 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.84 | 18.92 | 18.89 | |
| 3 | 256QAM | 8 | 7 | 18.89 | 18.92 | 18.79 | |
| 3 | 256QAM | 15 | 0 | 18.92 | 18.85 | 18.93 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.78 | 23.79 | 23.62 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.81 | 23.82 | 23.79 | |
| 1.4 | QPSK | 1 | 5 | 23.75 | 23.77 | 23.61 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.85 | 23.67 | |
| 1.4 | QPSK | 3 | 1 | 23.85 | 23.88 | 23.69 | |
| 1.4 | QPSK | 3 | 3 | 23.81 | 23.82 | 23.63 | |
| 1.4 | QPSK | 6 | 0 | 22.87 | 22.87 | 22.71 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 23.09 | 23.12 | 22.93 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 23.17 | 23.19 | 23.01 | |
| 1.4 | 16QAM | 1 | 5 | 23.11 | 23.12 | 22.94 | |
| 1.4 | 16QAM | 3 | 0 | 22.87 | 22.92 | 22.76 | |
| 1.4 | 16QAM | 3 | 1 | 22.95 | 22.99 | 22.79 | |
| 1.4 | 16QAM | 3 | 3 | 22.87 | 22.91 | 22.76 | |
| 1.4 | 16QAM | 6 | 0 | 21.92 | 21.93 | 21.77 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.83 | 22.09 | 21.92 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.92 | 22.13 | 21.98 | |
| 1.4 | 64QAM | 1 | 5 | 21.86 | 22.06 | 21.88 | |
| 1.4 | 64QAM | 3 | 0 | 21.83 | 22.04 | 21.87 | |
| 1.4 | 64QAM | 3 | 1 | 22.00 | 22.05 | 21.91 | |
| 1.4 | 64QAM | 3 | 3 | 21.92 | 22.04 | 21.84 | |
| 1.4 | 64QAM | 6 | 0 | 20.75 | 20.90 | 20.73 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.87 | 18.90 | 18.86 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.99 | 19.00 | 18.79 | |
| 1.4 | 256QAM | 1 | 5 | 18.92 | 18.98 | 18.98 | |
| 1.4 | 256QAM | 3 | 0 | 18.84 | 18.85 | 18.79 | |
| 1.4 | 256QAM | 3 | 1 | 18.76 | 18.90 | 18.85 | |
| 1.4 | 256QAM | 3 | 3 | 18.92 | 18.89 | 18.85 | |
| 1.4 | 256QAM | 6 | 0 | 18.85 | 18.80 | 18.98 | 20.5 |

## Band 71_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 133222 | 133322 | 133372 | |
| Frequency (MHz) | | | | 673 | 683 | 688 | |
| 20 | QPSK | 1 | 0 | 23.48 | 23.49 | 23.37 | 25 |
| 20 | QPSK | 1 | 49 | 23.42 | 23.41 | 23.37 | |
| 20 | QPSK | 1 | 99 | 23.35 | 23.39 | 23.35 | |
| 20 | QPSK | 50 | 0 | 22.57 | 22.58 | 22.46 | 24 |
| 20 | QPSK | 50 | 24 | 22.54 | 22.49 | 22.48 | |
| 20 | QPSK | 50 | 50 | 22.56 | 22.51 | 22.50 | |
| 20 | QPSK | 100 | 0 | 22.51 | 22.52 | 22.46 | |
| 20 | 16QAM | 1 | 0 | 22.86 | 22.82 | 22.74 | 24 |
| 20 | 16QAM | 1 | 49 | 22.77 | 22.77 | 22.76 | |
| 20 | 16QAM | 1 | 99 | 22.71 | 22.72 | 22.71 | |
| 20 | 16QAM | 50 | 0 | 21.58 | 21.53 | 21.48 | 23 |
| 20 | 16QAM | 50 | 24 | 21.61 | 21.51 | 21.49 | |
| 20 | 16QAM | 50 | 50 | 21.58 | 21.53 | 21.50 | |
| 20 | 16QAM | 100 | 0 | 21.59 | 21.48 | 21.46 | |
| 20 | 64QAM | 1 | 0 | 21.73 | 21.67 | 21.63 | 23 |
| 20 | 64QAM | 1 | 49 | 21.66 | 21.60 | 21.56 | |
| 20 | 64QAM | 1 | 99 | 21.59 | 21.63 | 21.60 | |
| 20 | 64QAM | 50 | 0 | 20.50 | 20.56 | 20.47 | 22 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.54 | 20.51 | |
| 20 | 64QAM | 50 | 50 | 20.60 | 20.56 | 20.53 | |
| 20 | 64QAM | 100 | 0 | 20.61 | 20.52 | 20.49 | |
| 20 | 256QAM | 1 | 0 | 18.58 | 18.44 | 18.57 | 20 |
| 20 | 256QAM | 1 | 49 | 18.57 | 18.32 | 18.46 | |
| 20 | 256QAM | 1 | 99 | 18.46 | 18.45 | 18.49 | |
| 20 | 256QAM | 50 | 0 | 18.47 | 18.43 | 18.39 | 20 |
| 20 | 256QAM | 50 | 24 | 18.41 | 18.38 | 18.29 | |
| 20 | 256QAM | 50 | 50 | 18.35 | 18.35 | 18.27 | |
| 20 | 256QAM | 100 | 0 | 18.43 | 18.36 | 18.29 | |
| Channel | | | | 133197 | 133297 | 133397 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 23.41 | 23.46 | 23.29 | 25 |
| 15 | QPSK | 1 | 37 | 23.40 | 23.37 | 23.35 | |
| 15 | QPSK | 1 | 74 | 23.25 | 23.32 | 23.27 | |
| 15 | QPSK | 36 | 0 | 22.49 | 22.48 | 22.41 | 24 |
| 15 | QPSK | 36 | 20 | 22.50 | 22.45 | 22.40 | |
| 15 | QPSK | 36 | 39 | 22.47 | 22.41 | 22.44 | |
| 15 | QPSK | 75 | 0 | 22.47 | 22.45 | 22.42 | |
| 15 | 16QAM | 1 | 0 | 22.80 | 22.82 | 22.71 | 24 |
| 15 | 16QAM | 1 | 37 | 22.75 | 22.67 | 22.69 | |
| 15 | 16QAM | 1 | 74 | 22.68 | 22.70 | 22.70 | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.53 | 21.44 | 23 |
| 15 | 16QAM | 36 | 20 | 21.56 | 21.42 | 21.44 | |
| 15 | 16QAM | 36 | 39 | 21.48 | 21.51 | 21.45 | |
| 15 | 16QAM | 75 | 0 | 21.53 | 21.41 | 21.44 | |
| 15 | 64QAM | 1 | 0 | 21.65 | 21.57 | 21.62 | 23 |
| 15 | 64QAM | 1 | 37 | 21.56 | 21.51 | 21.55 | |
| 15 | 64QAM | 1 | 74 | 21.50 | 21.58 | 21.60 | |
| 15 | 64QAM | 36 | 0 | 20.47 | 20.49 | 20.42 | 22 |
| 15 | 64QAM | 36 | 20 | 20.62 | 20.54 | 20.50 | |
| 15 | 64QAM | 36 | 39 | 20.52 | 20.54 | 20.50 | |
| 15 | 64QAM | 75 | 0 | 20.58 | 20.48 | 20.49 | |
| 15 | 256QAM | 1 | 0 | 18.53 | 18.40 | 18.55 | 20 |
| 15 | 256QAM | 1 | 37 | 18.52 | 18.31 | 18.43 | |
| 15 | 256QAM | 1 | 74 | 18.45 | 18.35 | 18.47 | |
| 15 | 256QAM | 36 | 0 | 18.43 | 18.40 | 18.34 | 20 |
| 15 | 256QAM | 36 | 20 | 18.38 | 18.35 | 18.23 | |
| 15 | 256QAM | 36 | 39 | 18.29 | 18.30 | 18.22 | |
| 15 | 256QAM | 75 | 0 | 18.39 | 18.33 | 18.19 | |
| Channel | | | | 133172 | 133272 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 678 | 693 | |
| 10 | QPSK | 1 | 0 | 23.40 | 23.48 | 23.35 | 25 |
| 10 | QPSK | 1 | 25 | 23.40 | 23.38 | 23.34 | |
| 10 | QPSK | 1 | 49 | 23.25 | 23.34 | 23.34 | |
| 10 | QPSK | 25 | 0 | 22.57 | 22.53 | 22.39 | 24 |
| 10 | QPSK | 25 | 12 | 22.53 | 22.46 | 22.47 | |
| 10 | QPSK | 25 | 25 | 22.51 | 22.48 | 22.40 | |
| 10 | QPSK | 50 | 0 | 22.48 | 22.45 | 22.40 | |
| 10 | 16QAM | 1 | 0 | 22.85 | 22.82 | 22.70 | 24 |
| 10 | 16QAM | 1 | 25 | 22.67 | 22.69 | 22.76 | |
| 10 | 16QAM | 1 | 49 | 22.64 | 22.62 | 22.65 | |
| 10 | 16QAM | 25 | 0 | 21.52 | 21.52 | 21.39 | 23 |
| 10 | 16QAM | 25 | 12 | 21.58 | 21.51 | 21.46 | |
| 10 | 16QAM | 25 | 25 | 21.50 | 21.43 | 21.46 | |
| 10 | 16QAM | 50 | 0 | 21.54 | 21.48 | 21.40 | |
| 10 | 64QAM | 1 | 0 | 21.72 | 21.63 | 21.55 | 23 |
| 10 | 64QAM | 1 | 25 | 21.64 | 21.57 | 21.53 | |
| 10 | 64QAM | 1 | 49 | 21.49 | 21.55 | 21.59 | |
| 10 | 64QAM | 25 | 0 | 20.40 | 20.56 | 20.40 | 22 |
| 10 | 64QAM | 25 | 12 | 20.62 | 20.45 | 20.45 | |
| 10 | 64QAM | 25 | 25 | 20.58 | 20.53 | 20.51 | |
| 10 | 64QAM | 50 | 0 | 20.56 | 20.50 | 20.42 | |
| 10 | 256QAM | 1 | 0 | 18.49 | 18.39 | 18.52 | 20 |
| 10 | 256QAM | 1 | 25 | 18.47 | 18.24 | 18.41 | |
| 10 | 256QAM | 1 | 49 | 18.45 | 18.43 | 18.44 | |
| 10 | 256QAM | 25 | 0 | 18.38 | 18.40 | 18.32 | 20 |
| 10 | 256QAM | 25 | 12 | 18.34 | 18.28 | 18.23 | |
| 10 | 256QAM | 25 | 25 | 18.33 | 18.34 | 18.23 | |
| 10 | 256QAM | 50 | 0 | 18.41 | 18.28 | 18.23 | |
| Channel | | | | 133147 | 133247 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 675.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 23.41 | 23.45 | 23.31 | 25 |
| 5 | QPSK | 1 | 12 | 23.38 | 23.41 | 23.31 | |
| 5 | QPSK | 1 | 24 | 23.28 | 23.38 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.50 | 22.55 | 22.38 | 24 |
| 5 | QPSK | 12 | 7 | 22.45 | 22.43 | 22.39 | |
| 5 | QPSK | 12 | 13 | 22.50 | 22.44 | 22.46 | |
| 5 | QPSK | 25 | 0 | 22.43 | 22.44 | 22.42 | |
| 5 | 16QAM | 1 | 0 | 22.79 | 22.77 | 22.65 | 24 |
| 5 | 16QAM | 1 | 12 | 22.70 | 22.74 | 22.67 | |
| 5 | 16QAM | 1 | 24 | 22.62 | 22.69 | 22.62 | |
| 5 | 16QAM | 12 | 0 | 21.49 | 21.52 | 21.46 | 23 |
| 5 | 16QAM | 12 | 7 | 21.54 | 21.46 | 21.40 | |
| 5 | 16QAM | 12 | 13 | 21.49 | 21.48 | 21.49 | |
| 5 | 16QAM | 25 | 0 | 21.53 | 21.39 | 21.46 | |
| 5 | 64QAM | 1 | 0 | 21.73 | 21.60 | 21.58 | 23 |
| 5 | 64QAM | 1 | 12 | 21.62 | 21.58 | 21.55 | |
| 5 | 64QAM | 1 | 24 | 21.59 | 21.60 | 21.59 | |
| 5 | 64QAM | 12 | 0 | 20.46 | 20.47 | 20.43 | 22 |
| 5 | 64QAM | 12 | 7 | 20.61 | 20.53 | 20.49 | |
| 5 | 64QAM | 12 | 13 | 20.50 | 20.54 | 20.46 | |
| 5 | 64QAM | 25 | 0 | 20.59 | 20.52 | 20.47 | |
| 5 | 256QAM | 1 | 0 | 18.55 | 18.38 | 18.49 | 20 |
| 5 | 256QAM | 1 | 12 | 18.57 | 18.23 | 18.46 | |
| 5 | 256QAM | 1 | 24 | 18.42 | 18.41 | 18.48 | |
| 5 | 256QAM | 12 | 0 | 18.47 | 18.35 | 18.32 | 20 |
| 5 | 256QAM | 12 | 7 | 18.40 | 18.32 | 18.27 | |
| 5 | 256QAM | 12 | 13 | 18.30 | 18.26 | 18.20 | |
| 5 | 256QAM | 25 | 0 | 18.34 | 18.27 | 18.22 | |

## Band 2_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 23.90 | 24.03 | 24.24 | 25.7 |
| 20 | QPSK | 1 | 49 | 23.88 | 24.13 | 24.23 | |
| 20 | QPSK | 1 | 99 | 24.08 | 24.14 | 24.18 | |
| 20 | QPSK | 50 | 0 | 23.02 | 23.19 | 23.22 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.14 | 23.25 | 23.26 | |
| 20 | QPSK | 50 | 50 | 23.16 | 23.30 | 23.35 | |
| 20 | QPSK | 100 | 0 | 23.14 | 23.16 | 23.32 | |
| 20 | 16QAM | 1 | 0 | 23.27 | 23.30 | 23.51 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.16 | 23.49 | 23.35 | |
| 20 | 16QAM | 1 | 99 | 23.34 | 23.42 | 23.48 | |
| 20 | 16QAM | 50 | 0 | 22.03 | 22.09 | 22.27 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.13 | 22.23 | 22.28 | |
| 20 | 16QAM | 50 | 50 | 22.24 | 22.33 | 22.40 | |
| 20 | 16QAM | 100 | 0 | 22.14 | 22.21 | 22.20 | |
| 20 | 64QAM | 1 | 0 | 22.48 | 22.19 | 22.35 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.07 | 22.33 | 21.57 | |
| 20 | 64QAM | 1 | 99 | 22.27 | 22.43 | 21.88 | |
| 20 | 64QAM | 50 | 0 | 21.10 | 21.20 | 20.75 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.18 | 21.26 | 20.74 | |
| 20 | 64QAM | 50 | 50 | 21.16 | 21.30 | 20.98 | |
| 20 | 64QAM | 100 | 0 | 21.14 | 21.23 | 20.70 | |
| 20 | 256QAM | 1 | 0 | 19.93 | 19.58 | 19.70 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.62 | 19.72 | 19.74 | |
| 20 | 256QAM | 1 | 99 | 19.87 | 19.78 | 19.91 | |
| 20 | 256QAM | 50 | 0 | 19.86 | 19.53 | 19.60 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.70 | 19.60 | 19.69 | |
| 20 | 256QAM | 50 | 50 | 19.70 | 19.77 | 19.77 | |
| 20 | 256QAM | 100 | 0 | 19.62 | 19.62 | 19.71 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 23.84 | 23.97 | 24.16 | 25.7 |
| 15 | QPSK | 1 | 37 | 23.83 | 24.04 | 24.13 | |
| 15 | QPSK | 1 | 74 | 24.08 | 24.12 | 24.11 | |
| 15 | QPSK | 36 | 0 | 23.00 | 23.16 | 23.15 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.04 | 23.25 | 23.26 | |
| 15 | QPSK | 36 | 39 | 23.15 | 23.30 | 23.34 | |
| 15 | QPSK | 75 | 0 | 23.13 | 23.15 | 23.23 | |
| 15 | 16QAM | 1 | 0 | 23.22 | 23.28 | 23.50 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.08 | 23.41 | 23.25 | |
| 15 | 16QAM | 1 | 74 | 23.30 | 23.32 | 23.44 | |
| 15 | 16QAM | 36 | 0 | 21.95 | 22.03 | 22.27 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.06 | 22.16 | 22.24 | |
| 15 | 16QAM | 36 | 39 | 22.24 | 22.23 | 22.30 | |
| 15 | 16QAM | 75 | 0 | 22.10 | 22.15 | 22.14 | |
| 15 | 64QAM | 1 | 0 | 22.48 | 22.09 | 22.28 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.00 | 22.25 | 21.70 | |
| 15 | 64QAM | 1 | 74 | 22.20 | 22.35 | 21.78 | |
| 15 | 64QAM | 36 | 0 | 21.10 | 21.15 | 20.70 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.17 | 21.17 | 20.71 | |
| 15 | 64QAM | 36 | 39 | 21.09 | 21.28 | 20.93 | |
| 15 | 64QAM | 75 | 0 | 21.11 | 21.15 | 20.70 | |
| 15 | 256QAM | 1 | 0 | 19.92 | 19.49 | 19.63 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.52 | 19.63 | 19.64 | |
| 15 | 256QAM | 1 | 74 | 19.83 | 19.72 | 19.84 | |
| 15 | 256QAM | 36 | 0 | 19.81 | 19.50 | 19.59 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.61 | 19.58 | 19.66 | |
| 15 | 256QAM | 36 | 39 | 19.66 | 19.71 | 19.71 | |
| 15 | 256QAM | 75 | 0 | 19.54 | 19.55 | 19.71 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 23.89 | 23.96 | 24.11 | 25.7 |
| 10 | QPSK | 1 | 25 | 23.86 | 24.05 | 24.06 | |
| 10 | QPSK | 1 | 49 | 24.06 | 24.05 | 24.12 | |
| 10 | QPSK | 25 | 0 | 22.92 | 23.13 | 23.12 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.08 | 23.18 | 23.19 | |
| 10 | QPSK | 25 | 25 | 23.08 | 23.21 | 23.28 | |
| 10 | QPSK | 50 | 0 | 23.12 | 23.06 | 23.31 | |
| 10 | 16QAM | 1 | 0 | 23.18 | 23.23 | 23.41 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.15 | 23.47 | 23.32 | |
| 10 | 16QAM | 1 | 49 | 23.33 | 23.37 | 23.40 | |
| 10 | 16QAM | 25 | 0 | 21.96 | 22.07 | 22.21 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.06 | 22.15 | 22.23 | |
| 10 | 16QAM | 25 | 25 | 22.20 | 22.26 | 22.34 | |
| 10 | 16QAM | 50 | 0 | 22.08 | 22.13 | 22.10 | |
| 10 | 64QAM | 1 | 0 | 22.46 | 22.12 | 22.33 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.07 | 22.30 | 21.70 | |
| 10 | 64QAM | 1 | 49 | 22.23 | 22.37 | 21.78 | |
| 10 | 64QAM | 25 | 0 | 21.07 | 21.11 | 20.70 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.10 | 21.19 | 20.71 | |
| 10 | 64QAM | 25 | 25 | 21.15 | 21.21 | 20.96 | |
| 10 | 64QAM | 50 | 0 | 21.08 | 21.20 | 20.70 | |
| 10 | 256QAM | 1 | 0 | 19.92 | 19.53 | 19.64 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.55 | 19.69 | 19.70 | |
| 10 | 256QAM | 1 | 49 | 19.87 | 19.69 | 19.86 | |
| 10 | 256QAM | 25 | 0 | 19.79 | 19.47 | 19.52 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.62 | 19.54 | 19.63 | |
| 10 | 256QAM | 25 | 25 | 19.62 | 19.76 | 19.77 | |
| 10 | 256QAM | 50 | 0 | 19.57 | 19.57 | 19.66 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 23.80 | 23.97 | 24.12 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.88 | 24.09 | 24.16 | |
| 5 | QPSK | 1 | 24 | 24.04 | 24.07 | 24.08 | |
| 5 | QPSK | 12 | 0 | 22.93 | 23.12 | 23.13 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.11 | 23.19 | 23.19 | |
| 5 | QPSK | 12 | 13 | 23.13 | 23.23 | 23.27 | |
| 5 | QPSK | 25 | 0 | 23.11 | 23.13 | 23.29 | |
| 5 | 16QAM | 1 | 0 | 23.18 | 23.27 | 23.41 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.16 | 23.40 | 23.27 | |
| 5 | 16QAM | 1 | 24 | 23.26 | 23.40 | 23.44 | |
| 5 | 16QAM | 12 | 0 | 21.98 | 22.00 | 22.25 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.05 | 22.14 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.16 | 22.33 | 22.33 | |
| 5 | 16QAM | 25 | 0 | 22.05 | 22.21 | 22.13 | |
| 5 | 64QAM | 1 | 0 | 22.46 | 22.19 | 22.26 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.03 | 22.32 | 21.70 | |
| 5 | 64QAM | 1 | 24 | 22.24 | 22.41 | 21.81 | |
| 5 | 64QAM | 12 | 0 | 21.04 | 21.18 | 20.70 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.10 | 21.25 | 20.70 | |
| 5 | 64QAM | 12 | 13 | 21.15 | 21.22 | 20.94 | |
| 5 | 64QAM | 25 | 0 | 21.09 | 21.21 | 20.70 | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.58 | 19.60 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.59 | 19.64 | 19.72 | |
| 5 | 256QAM | 1 | 24 | 19.82 | 19.72 | 19.88 | |
| 5 | 256QAM | 12 | 0 | 19.80 | 19.44 | 19.56 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.59 | 19.59 | |
| 5 | 256QAM | 12 | 13 | 19.61 | 19.72 | 19.71 | |
| 5 | 256QAM | 25 | 0 | 19.56 | 19.56 | 19.68 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 23.88 | 23.94 | 24.12 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.81 | 24.09 | 24.10 | |
| 3 | QPSK | 1 | 14 | 24.03 | 24.06 | 24.08 | |
| 3 | QPSK | 8 | 0 | 22.95 | 23.15 | 23.13 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.07 | 23.18 | 23.25 | |
| 3 | QPSK | 8 | 7 | 23.09 | 23.24 | 23.29 | |
| 3 | QPSK | 15 | 0 | 23.12 | 23.12 | 23.23 | |
| 3 | 16QAM | 1 | 0 | 23.19 | 23.27 | 23.46 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.06 | 23.40 | 23.29 | |
| 3 | 16QAM | 1 | 14 | 23.29 | 23.36 | 23.42 | |
| 3 | 16QAM | 8 | 0 | 22.03 | 21.99 | 22.27 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.03 | 22.16 | 22.22 | |
| 3 | 16QAM | 8 | 7 | 22.18 | 22.28 | 22.36 | |
| 3 | 16QAM | 15 | 0 | 22.14 | 22.12 | 22.16 | |
| 3 | 64QAM | 1 | 0 | 22.38 | 22.11 | 22.28 | 23.7 |
| 3 | 64QAM | 1 | 8 | 21.99 | 22.30 | 21.70 | |
| 3 | 64QAM | 1 | 14 | 22.20 | 22.38 | 21.81 | |
| 3 | 64QAM | 8 | 0 | 21.06 | 21.16 | 20.70 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.15 | 21.21 | 20.70 | |
| 3 | 64QAM | 8 | 7 | 21.08 | 21.28 | 20.88 | |
| 3 | 64QAM | 15 | 0 | 21.06 | 21.23 | 20.70 | |
| 3 | 256QAM | 1 | 0 | 19.87 | 19.56 | 19.67 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.52 | 19.63 | 19.72 | |
| 3 | 256QAM | 1 | 14 | 19.84 | 19.77 | 19.85 | |
| 3 | 256QAM | 8 | 0 | 19.81 | 19.44 | 19.57 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.66 | 19.59 | 19.68 | |
| 3 | 256QAM | 8 | 7 | 19.60 | 19.73 | 19.76 | |
| 3 | 256QAM | 15 | 0 | 19.60 | 19.62 | 19.69 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 23.86 | 23.99 | 24.18 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.90 | 24.15 | 24.16 | |
| 1.4 | QPSK | 1 | 5 | 23.84 | 24.08 | 24.16 | |
| 1.4 | QPSK | 3 | 0 | 23.88 | 24.05 | 24.18 | |
| 1.4 | QPSK | 3 | 1 | 23.94 | 24.14 | 24.23 | |
| 1.4 | QPSK | 3 | 3 | 23.89 | 24.10 | 24.19 | |
| 1.4 | QPSK | 6 | 0 | 22.95 | 23.11 | 23.28 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.22 | 23.37 | 23.46 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.28 | 23.46 | 23.53 | |
| 1.4 | 16QAM | 1 | 5 | 23.21 | 23.33 | 23.45 | |
| 1.4 | 16QAM | 3 | 0 | 22.93 | 23.10 | 23.26 | |
| 1.4 | 16QAM | 3 | 1 | 23.01 | 23.23 | 23.28 | |
| 1.4 | 16QAM | 3 | 3 | 22.98 | 23.15 | 23.23 | |
| 1.4 | 16QAM | 6 | 0 | 22.04 | 22.18 | 22.33 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.11 | 22.29 | 22.20 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.17 | 22.40 | 22.12 | |
| 1.4 | 64QAM | 1 | 5 | 22.07 | 22.31 | 22.10 | |
| 1.4 | 64QAM | 3 | 0 | 22.05 | 22.19 | 22.19 | |
| 1.4 | 64QAM | 3 | 1 | 22.10 | 22.34 | 22.28 | |
| 1.4 | 64QAM | 3 | 3 | 22.07 | 22.30 | 22.15 | |
| 1.4 | 64QAM | 6 | 0 | 21.03 | 21.09 | 21.16 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.76 | 19.51 | 19.63 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.83 | 19.62 | 19.68 | |
| 1.4 | 256QAM | 1 | 5 | 19.78 | 19.65 | 19.82 | |
| 1.4 | 256QAM | 3 | 0 | 19.85 | 19.54 | 19.62 | |
| 1.4 | 256QAM | 3 | 1 | 19.58 | 19.60 | 19.67 | |
| 1.4 | 256QAM | 3 | 3 | 19.62 | 19.67 | 19.78 | |
| 1.4 | 256QAM | 6 | 0 | 19.57 | 19.54 | 19.68 | 20.7 |

## Band 4_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 24.21 | 24.31 | 24.32 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.24 | 24.22 | 24.18 | |
| 20 | QPSK | 1 | 99 | 24.27 | 24.27 | 24.29 | |
| 20 | QPSK | 50 | 0 | 23.32 | 23.39 | 23.30 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.44 | 23.37 | 23.32 | |
| 20 | QPSK | 50 | 50 | 23.38 | 23.40 | 23.34 | |
| 20 | QPSK | 100 | 0 | 23.39 | 23.41 | 23.31 | |
| 20 | 16QAM | 1 | 0 | 23.55 | 23.58 | 23.56 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.52 | 23.60 | 23.57 | |
| 20 | 16QAM | 1 | 99 | 23.64 | 23.53 | 23.53 | |
| 20 | 16QAM | 50 | 0 | 22.37 | 22.41 | 22.37 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.45 | 22.38 | 22.26 | |
| 20 | 16QAM | 50 | 50 | 22.41 | 22.42 | 22.35 | |
| 20 | 16QAM | 100 | 0 | 22.37 | 22.37 | 22.26 | |
| 20 | 64QAM | 1 | 0 | 21.70 | 22.51 | 21.94 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.49 | 22.39 | 22.36 | |
| 20 | 64QAM | 1 | 99 | 22.45 | 22.21 | 22.54 | |
| 20 | 64QAM | 50 | 0 | 21.12 | 21.43 | 21.08 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.44 | 21.22 | 21.32 | |
| 20 | 64QAM | 50 | 50 | 21.41 | 21.05 | 21.38 | |
| 20 | 64QAM | 100 | 0 | 21.37 | 21.26 | 21.32 | |
| 20 | 256QAM | 1 | 0 | 19.70 | 19.86 | 19.85 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.98 | 19.72 | 19.69 | |
| 20 | 256QAM | 1 | 99 | 19.89 | 19.94 | 19.89 | |
| 20 | 256QAM | 50 | 0 | 19.66 | 19.72 | 19.71 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.75 | 19.73 | 19.61 | |
| 20 | 256QAM | 50 | 50 | 19.81 | 19.81 | 19.68 | |
| 20 | 256QAM | 100 | 0 | 19.79 | 19.72 | 19.67 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 24.15 | 24.31 | 24.22 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.15 | 24.17 | 24.12 | |
| 15 | QPSK | 1 | 74 | 24.21 | 24.25 | 24.29 | |
| 15 | QPSK | 36 | 0 | 23.30 | 23.35 | 23.25 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.43 | 23.30 | 23.22 | |
| 15 | QPSK | 36 | 39 | 23.37 | 23.35 | 23.24 | |
| 15 | QPSK | 75 | 0 | 23.39 | 23.39 | 23.29 | |
| 15 | 16QAM | 1 | 0 | 23.50 | 23.58 | 23.56 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.52 | 23.53 | 23.48 | |
| 15 | 16QAM | 1 | 74 | 23.58 | 23.44 | 23.45 | |
| 15 | 16QAM | 36 | 0 | 22.37 | 22.38 | 22.35 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.36 | 22.30 | 22.24 | |
| 15 | 16QAM | 36 | 39 | 22.34 | 22.36 | 22.33 | |
| 15 | 16QAM | 75 | 0 | 22.33 | 22.31 | 22.16 | |
| 15 | 64QAM | 1 | 0 | 21.72 | 22.42 | 21.88 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.47 | 22.33 | 22.36 | |
| 15 | 64QAM | 1 | 74 | 22.42 | 22.12 | 22.51 | |
| 15 | 64QAM | 36 | 0 | 21.11 | 21.42 | 21.09 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.44 | 21.19 | 21.31 | |
| 15 | 64QAM | 36 | 39 | 21.40 | 20.96 | 21.30 | |
| 15 | 64QAM | 75 | 0 | 21.31 | 21.17 | 21.26 | |
| 15 | 256QAM | 1 | 0 | 19.70 | 19.83 | 19.83 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.96 | 19.65 | 19.66 | |
| 15 | 256QAM | 1 | 74 | 19.83 | 19.91 | 19.87 | |
| 15 | 256QAM | 36 | 0 | 19.63 | 19.69 | 19.63 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.67 | 19.72 | 19.61 | |
| 15 | 256QAM | 36 | 39 | 19.77 | 19.75 | 19.60 | |
| 15 | 256QAM | 75 | 0 | 19.79 | 19.69 | 19.61 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 24.20 | 24.26 | 24.24 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.18 | 24.21 | 24.13 | |
| 10 | QPSK | 1 | 49 | 24.22 | 24.18 | 24.24 | |
| 10 | QPSK | 25 | 0 | 23.28 | 23.32 | 23.20 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.42 | 23.32 | 23.29 | |
| 10 | QPSK | 25 | 25 | 23.33 | 23.32 | 23.34 | |
| 10 | QPSK | 50 | 0 | 23.33 | 23.32 | 23.24 | |
| 10 | 16QAM | 1 | 0 | 23.50 | 23.55 | 23.52 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.48 | 23.59 | 23.56 | |
| 10 | 16QAM | 1 | 49 | 23.60 | 23.52 | 23.53 | |
| 10 | 16QAM | 25 | 0 | 22.34 | 22.34 | 22.29 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.40 | 22.36 | 22.20 | |
| 10 | 16QAM | 25 | 25 | 22.38 | 22.34 | 22.29 | |
| 10 | 16QAM | 50 | 0 | 22.31 | 22.37 | 22.22 | |
| 10 | 64QAM | 1 | 0 | 21.71 | 22.51 | 21.91 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.45 | 22.39 | 22.30 | |
| 10 | 64QAM | 1 | 49 | 22.43 | 22.14 | 22.45 | |
| 10 | 64QAM | 25 | 0 | 21.04 | 21.38 | 21.00 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.41 | 21.18 | 21.27 | |
| 10 | 64QAM | 25 | 25 | 21.32 | 21.05 | 21.36 | |
| 10 | 64QAM | 50 | 0 | 21.33 | 21.18 | 21.29 | |
| 10 | 256QAM | 1 | 0 | 19.63 | 19.86 | 19.77 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.92 | 19.71 | 19.61 | |
| 10 | 256QAM | 1 | 49 | 19.79 | 19.90 | 19.87 | |
| 10 | 256QAM | 25 | 0 | 19.60 | 19.64 | 19.67 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.75 | 19.72 | 19.53 | |
| 10 | 256QAM | 25 | 25 | 19.74 | 19.75 | 19.65 | |
| 10 | 256QAM | 50 | 0 | 19.73 | 19.66 | 19.64 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 24.19 | 24.22 | 24.31 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.21 | 24.14 | 24.16 | |
| 5 | QPSK | 1 | 24 | 24.23 | 24.20 | 24.19 | |
| 5 | QPSK | 12 | 0 | 23.22 | 23.38 | 23.26 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.42 | 23.27 | 23.22 | |
| 5 | QPSK | 12 | 13 | 23.28 | 23.33 | 23.34 | |
| 5 | QPSK | 25 | 0 | 23.29 | 23.35 | 23.23 | |
| 5 | 16QAM | 1 | 0 | 23.47 | 23.48 | 23.50 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.43 | 23.52 | 23.53 | |
| 5 | 16QAM | 1 | 24 | 23.56 | 23.45 | 23.46 | |
| 5 | 16QAM | 12 | 0 | 22.34 | 22.34 | 22.28 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.38 | 22.32 | 22.17 | |
| 5 | 16QAM | 12 | 13 | 22.34 | 22.35 | 22.32 | |
| 5 | 16QAM | 25 | 0 | 22.36 | 22.34 | 22.21 | |
| 5 | 64QAM | 1 | 0 | 21.70 | 22.44 | 21.89 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.41 | 22.32 | 22.33 | |
| 5 | 64QAM | 1 | 24 | 22.45 | 22.13 | 22.50 | |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.34 | 21.06 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.37 | 21.16 | 21.39 | |
| 5 | 64QAM | 12 | 13 | 21.31 | 21.02 | 21.33 | |
| 5 | 64QAM | 25 | 0 | 21.27 | 21.22 | 21.22 | |
| 5 | 256QAM | 1 | 0 | 19.67 | 19.85 | 19.77 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.98 | 19.72 | 19.64 | |
| 5 | 256QAM | 1 | 24 | 19.88 | 19.90 | 19.86 | |
| 5 | 256QAM | 12 | 0 | 19.56 | 19.62 | 19.71 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.69 | 19.73 | 19.54 | |
| 5 | 256QAM | 12 | 13 | 19.79 | 19.76 | 19.62 | |
| 5 | 256QAM | 25 | 0 | 19.69 | 19.64 | 19.66 | |
| Channel | | | | 19925 | 20175 | 20425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 24.20 | 24.22 | 24.24 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.22 | 24.22 | 24.12 | |
| 3 | QPSK | 1 | 14 | 24.20 | 24.27 | 24.19 | |
| 3 | QPSK | 8 | 0 | 23.22 | 23.38 | 23.29 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.38 | 23.30 | 23.25 | |
| 3 | QPSK | 8 | 7 | 23.33 | 23.32 | 23.34 | |
| 3 | QPSK | 15 | 0 | 23.33 | 23.40 | 23.22 | |
| 3 | 16QAM | 1 | 0 | 23.49 | 23.49 | 23.52 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.50 | 23.55 | 23.47 | |
| 3 | 16QAM | 1 | 14 | 23.57 | 23.45 | 23.52 | |
| 3 | 16QAM | 8 | 0 | 22.36 | 22.41 | 22.30 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.37 | 22.34 | 22.29 | |
| 3 | 16QAM | 8 | 7 | 22.31 | 22.36 | 22.32 | |
| 3 | 16QAM | 15 | 0 | 22.35 | 22.36 | 22.24 | |
| 3 | 64QAM | 1 | 0 | 21.70 | 22.51 | 21.92 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.49 | 22.32 | 22.29 | |
| 3 | 64QAM | 1 | 14 | 22.38 | 22.19 | 22.47 | |
| 3 | 64QAM | 8 | 0 | 21.08 | 21.34 | 20.99 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.41 | 21.17 | 21.24 | |
| 3 | 64QAM | 8 | 7 | 21.32 | 20.98 | 21.38 | |
| 3 | 64QAM | 15 | 0 | 21.34 | 21.25 | 21.31 | |
| 3 | 256QAM | 1 | 0 | 19.67 | 19.83 | 19.84 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.96 | 19.63 | 19.65 | |
| 3 | 256QAM | 1 | 14 | 19.85 | 19.94 | 19.89 | |
| 3 | 256QAM | 8 | 0 | 19.61 | 19.71 | 19.65 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.74 | 19.73 | 19.57 | |
| 3 | 256QAM | 8 | 7 | 19.71 | 19.76 | 19.59 | |
| 3 | 256QAM | 15 | 0 | 19.73 | 19.68 | 19.63 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 24.05 | 24.22 | 24.04 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.13 | 24.23 | 24.08 | |
| 1.4 | QPSK | 1 | 5 | 24.09 | 24.17 | 24.02 | |
| 1.4 | QPSK | 3 | 0 | 24.09 | 24.19 | 24.09 | |
| 1.4 | QPSK | 3 | 1 | 24.15 | 24.23 | 24.15 | |
| 1.4 | QPSK | 3 | 3 | 24.11 | 24.21 | 24.07 | |
| 1.4 | QPSK | 6 | 0 | 23.12 | 23.26 | 23.13 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.30 | 23.49 | 23.42 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.39 | 23.52 | 23.44 | |
| 1.4 | 16QAM | 1 | 5 | 23.32 | 23.56 | 23.33 | |
| 1.4 | 16QAM | 3 | 0 | 23.12 | 23.26 | 23.15 | |
| 1.4 | 16QAM | 3 | 1 | 23.22 | 23.30 | 23.21 | |
| 1.4 | 16QAM | 3 | 3 | 23.24 | 23.19 | 23.11 | |
| 1.4 | 16QAM | 6 | 0 | 22.33 | 22.33 | 22.23 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 21.42 | 22.15 | 22.30 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 21.49 | 22.20 | 22.40 | |
| 1.4 | 64QAM | 1 | 5 | 21.44 | 22.05 | 22.31 | |
| 1.4 | 64QAM | 3 | 0 | 21.36 | 22.11 | 22.28 | |
| 1.4 | 64QAM | 3 | 1 | 21.41 | 22.19 | 22.29 | |
| 1.4 | 64QAM | 3 | 3 | 21.43 | 22.07 | 22.22 | |
| 1.4 | 64QAM | 6 | 0 | 20.30 | 21.00 | 21.16 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.59 | 19.83 | 19.81 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.88 | 19.60 | 19.64 | |
| 1.4 | 256QAM | 1 | 5 | 19.86 | 19.82 | 19.82 | |
| 1.4 | 256QAM | 3 | 0 | 19.68 | 19.75 | 19.56 | |
| 1.4 | 256QAM | 3 | 1 | 19.64 | 19.72 | 19.51 | |
| 1.4 | 256QAM | 3 | 3 | 19.70 | 19.74 | 19.68 | |
| 1.4 | 256QAM | 6 | 0 | 19.67 | 19.74 | 19.65 | 20.7 |

## Band 5_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.49 | 24.54 | 24.53 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.48 | 24.52 | 24.50 | |
| 10 | QPSK | 1 | 49 | 24.56 | 24.48 | 24.43 | |
| 10 | QPSK | 25 | 0 | 23.59 | 23.64 | 23.62 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.69 | 23.65 | 23.62 | |
| 10 | QPSK | 25 | 25 | 23.63 | 23.67 | 23.62 | |
| 10 | QPSK | 50 | 0 | 23.67 | 23.64 | 23.60 | |
| 10 | 16QAM | 1 | 0 | 23.88 | 23.89 | 23.94 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.90 | 23.93 | 23.91 | |
| 10 | 16QAM | 1 | 49 | 23.95 | 23.90 | 23.81 | |
| 10 | 16QAM | 25 | 0 | 22.57 | 22.62 | 22.59 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.68 | 22.64 | 22.57 | |
| 10 | 16QAM | 25 | 25 | 22.64 | 22.63 | 22.56 | |
| 10 | 16QAM | 50 | 0 | 22.68 | 22.62 | 22.58 | |
| 10 | 64QAM | 1 | 0 | 22.68 | 22.78 | 22.79 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.82 | 22.87 | 22.82 | |
| 10 | 64QAM | 1 | 49 | 22.82 | 22.81 | 22.16 | |
| 10 | 64QAM | 25 | 0 | 21.62 | 21.66 | 21.64 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.71 | 21.69 | 21.67 | |
| 10 | 64QAM | 25 | 25 | 21.66 | 21.70 | 21.57 | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.66 | 21.62 | |
| 10 | 256QAM | 1 | 0 | 19.40 | 19.53 | 19.52 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.44 | 19.45 | 19.44 | |
| 10 | 256QAM | 1 | 49 | 19.52 | 19.48 | 19.37 | |
| 10 | 256QAM | 25 | 0 | 19.41 | 19.41 | 19.43 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.44 | 19.29 | 19.32 | |
| 10 | 256QAM | 25 | 25 | 19.34 | 19.38 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.44 | 19.37 | 19.36 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.54 | 24.52 | 24.48 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.50 | 24.53 | 24.48 | |
| 5 | QPSK | 1 | 24 | 24.46 | 24.48 | 24.48 | |
| 5 | QPSK | 12 | 0 | 23.59 | 23.70 | 23.61 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.66 | 23.67 | 23.55 | |
| 5 | QPSK | 12 | 13 | 23.60 | 23.65 | 23.54 | |
| 5 | QPSK | 25 | 0 | 23.63 | 23.69 | 23.55 | |
| 5 | 16QAM | 1 | 0 | 23.90 | 23.95 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.89 | 23.95 | 23.83 | |
| 5 | 16QAM | 1 | 24 | 23.89 | 23.91 | 23.78 | |
| 5 | 16QAM | 12 | 0 | 22.64 | 22.72 | 22.61 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.69 | 22.58 | |
| 5 | 16QAM | 12 | 13 | 22.61 | 22.67 | 22.57 | |
| 5 | 16QAM | 25 | 0 | 22.69 | 22.71 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.90 | 22.82 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.80 | 22.86 | 22.47 | |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.86 | 22.12 | |
| 5 | 64QAM | 12 | 0 | 21.69 | 21.75 | 21.67 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.73 | 21.75 | 21.41 | |
| 5 | 64QAM | 12 | 13 | 21.66 | 21.70 | 21.22 | |
| 5 | 64QAM | 25 | 0 | 21.69 | 21.74 | 21.45 | |
| 5 | 256QAM | 1 | 0 | 19.33 | 19.49 | 19.44 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.40 | 19.41 | 19.41 | |
| 5 | 256QAM | 1 | 24 | 19.50 | 19.48 | 19.34 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.32 | 19.43 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.28 | 19.30 | |
| 5 | 256QAM | 12 | 13 | 19.33 | 19.28 | 19.18 | |
| 5 | 256QAM | 25 | 0 | 19.34 | 19.37 | 19.31 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.80 | 23.87 | 23.85 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.87 | 23.94 | 23.83 | |
| 3 | QPSK | 1 | 14 | 23.79 | 23.83 | 23.71 | |
| 3 | QPSK | 8 | 0 | 22.89 | 22.93 | 22.87 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.95 | 23.01 | 22.87 | |
| 3 | QPSK | 8 | 7 | 22.88 | 22.93 | 22.83 | |
| 3 | QPSK | 15 | 0 | 22.90 | 22.97 | 22.86 | |
| 3 | 16QAM | 1 | 0 | 23.13 | 23.17 | 23.17 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.26 | 23.30 | 23.13 | |
| 3 | 16QAM | 1 | 14 | 23.11 | 23.18 | 23.03 | |
| 3 | 16QAM | 8 | 0 | 21.95 | 22.00 | 21.94 | 23.7 |
| 3 | 16QAM | 8 | 4 | 21.98 | 22.06 | 21.96 | |
| 3 | 16QAM | 8 | 7 | 21.95 | 21.98 | 21.87 | |
| 3 | 16QAM | 15 | 0 | 21.96 | 22.01 | 21.89 | |
| 3 | 64QAM | 1 | 0 | 23.03 | 22.15 | 21.90 | 23.7 |
| 3 | 64QAM | 1 | 8 | 23.13 | 22.21 | 21.71 | |
| 3 | 64QAM | 1 | 14 | 23.02 | 22.09 | 21.70 | |
| 3 | 64QAM | 8 | 0 | 21.90 | 21.00 | 20.76 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.94 | 21.03 | 21.76 | |
| 3 | 64QAM | 8 | 7 | 21.89 | 20.98 | 21.71 | |
| 3 | 64QAM | 15 | 0 | 21.92 | 20.98 | 21.72 | |
| 3 | 256QAM | 1 | 0 | 19.40 | 19.45 | 19.46 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.38 | 19.39 | 19.44 | |
| 3 | 256QAM | 1 | 14 | 19.46 | 19.47 | 19.29 | |
| 3 | 256QAM | 8 | 0 | 19.36 | 19.41 | 19.33 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.35 | 19.19 | 19.27 | |
| 3 | 256QAM | 8 | 7 | 19.33 | 19.33 | 19.20 | |
| 3 | 256QAM | 15 | 0 | 19.38 | 19.36 | 19.31 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.71 | 23.79 | 23.70 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.80 | 23.86 | 23.76 | |
| 1.4 | QPSK | 1 | 5 | 23.70 | 23.80 | 23.71 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.80 | 23.75 | |
| 1.4 | QPSK | 3 | 1 | 23.83 | 23.89 | 23.80 | |
| 1.4 | QPSK | 3 | 3 | 23.78 | 23.81 | 23.72 | |
| 1.4 | QPSK | 6 | 0 | 22.83 | 22.91 | 22.77 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.05 | 23.11 | 23.07 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.14 | 23.21 | 23.12 | |
| 1.4 | 16QAM | 1 | 5 | 23.07 | 23.12 | 23.00 | |
| 1.4 | 16QAM | 3 | 0 | 22.89 | 22.89 | 22.82 | |
| 1.4 | 16QAM | 3 | 1 | 22.93 | 23.00 | 22.85 | |
| 1.4 | 16QAM | 3 | 3 | 22.83 | 22.91 | 22.78 | |
| 1.4 | 16QAM | 6 | 0 | 21.91 | 21.99 | 21.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 21.96 | 22.04 | 21.72 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.10 | 22.15 | 21.78 | |
| 1.4 | 64QAM | 1 | 5 | 22.00 | 22.04 | 21.72 | |
| 1.4 | 64QAM | 3 | 0 | 21.99 | 21.97 | 21.73 | |
| 1.4 | 64QAM | 3 | 1 | 21.94 | 22.00 | 21.73 | |
| 1.4 | 64QAM | 3 | 3 | 21.89 | 21.93 | 21.73 | |
| 1.4 | 64QAM | 6 | 0 | 20.78 | 20.84 | 20.74 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.40 | 19.48 | 19.47 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.37 | 19.41 | 19.41 | |
| 1.4 | 256QAM | 1 | 5 | 19.47 | 19.47 | 19.27 | |
| 1.4 | 256QAM | 3 | 0 | 19.31 | 19.39 | 19.38 | |
| 1.4 | 256QAM | 3 | 1 | 19.44 | 19.26 | 19.26 | |
| 1.4 | 256QAM | 3 | 3 | 19.27 | 19.38 | 19.23 | |
| 1.4 | 256QAM | 6 | 0 | 19.38 | 19.36 | 19.30 | 20.7 |

## Band 7_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 24.62 | 24.64 | 24.83 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.67 | 24.75 | 24.70 | |
| 20 | QPSK | 1 | 99 | 24.71 | 24.79 | 24.73 | |
| 20 | QPSK | 50 | 0 | 23.76 | 23.78 | 23.75 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.88 | 23.84 | 23.80 | |
| 20 | QPSK | 50 | 50 | 23.89 | 23.94 | 23.89 | |
| 20 | QPSK | 100 | 0 | 23.86 | 23.84 | 23.78 | |
| 20 | 16QAM | 1 | 0 | 23.98 | 24.01 | 23.98 | 24.7 |
| 20 | 16QAM | 1 | 49 | 24.05 | 24.07 | 24.06 | |
| 20 | 16QAM | 1 | 99 | 24.05 | 24.15 | 24.03 | |
| 20 | 16QAM | 50 | 0 | 22.77 | 22.81 | 22.77 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.86 | 22.83 | |
| 20 | 16QAM | 50 | 50 | 22.93 | 22.98 | 22.92 | |
| 20 | 16QAM | 100 | 0 | 22.88 | 22.83 | 22.78 | |
| 20 | 64QAM | 1 | 0 | 22.81 | 22.85 | 22.87 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.93 | 22.95 | 22.77 | |
| 20 | 64QAM | 1 | 99 | 23.00 | 23.06 | 22.16 | |
| 20 | 64QAM | 50 | 0 | 21.80 | 21.84 | 21.79 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.93 | 21.89 | 21.77 | |
| 20 | 64QAM | 50 | 50 | 21.93 | 21.96 | 21.87 | |
| 20 | 64QAM | 100 | 0 | 21.92 | 21.84 | 21.82 | |
| 20 | 256QAM | 1 | 0 | 20.22 | 20.08 | 19.98 | 20.7 |
| 20 | 256QAM | 1 | 49 | 20.33 | 20.08 | 20.07 | |
| 20 | 256QAM | 1 | 99 | 20.24 | 20.16 | 20.11 | |
| 20 | 256QAM | 50 | 0 | 20.03 | 20.01 | 19.94 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.12 | 20.07 | 19.95 | |
| 20 | 256QAM | 50 | 50 | 20.12 | 20.00 | 20.03 | |
| 20 | 256QAM | 100 | 0 | 20.13 | 19.99 | 19.93 | |
| Channel | | | | 20525 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 24.54 | 24.59 | 24.58 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.59 | 24.72 | 24.64 | |
| 15 | QPSK | 1 | 74 | 24.63 | 24.70 | 24.63 | |
| 15 | QPSK | 36 | 0 | 23.72 | 23.76 | 23.65 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.78 | 23.84 | 23.71 | |
| 15 | QPSK | 36 | 39 | 23.84 | 23.85 | 23.80 | |
| 15 | QPSK | 75 | 0 | 23.78 | 23.79 | 23.74 | |
| 15 | 16QAM | 1 | 0 | 23.95 | 23.98 | 23.92 | 24.7 |
| 15 | 16QAM | 1 | 37 | 24.00 | 24.05 | 23.98 | |
| 15 | 16QAM | 1 | 74 | 23.96 | 24.07 | 23.93 | |
| 15 | 16QAM | 36 | 0 | 22.75 | 22.79 | 22.74 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.83 | 22.79 | 22.82 | |
| 15 | 16QAM | 36 | 39 | 22.89 | 22.93 | 22.82 | |
| 15 | 16QAM | 75 | 0 | 22.78 | 22.78 | 22.72 | |
| 15 | 64QAM | 1 | 0 | 22.77 | 22.84 | 22.85 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.83 | 22.86 | 22.68 | |
| 15 | 64QAM | 1 | 74 | 22.95 | 23.04 | 22.09 | |
| 15 | 64QAM | 36 | 0 | 21.80 | 21.83 | 21.75 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.90 | 21.88 | 21.77 | |
| 15 | 64QAM | 36 | 39 | 21.90 | 21.91 | 21.85 | |
| 15 | 64QAM | 75 | 0 | 21.84 | 21.79 | 21.76 | |
| 15 | 256QAM | 1 | 0 | 20.20 | 20.03 | 19.89 | 20.7 |
| 15 | 256QAM | 1 | 37 | 20.30 | 20.05 | 20.05 | |
| 15 | 256QAM | 1 | 74 | 20.19 | 20.11 | 20.05 | |
| 15 | 256QAM | 36 | 0 | 19.95 | 19.95 | 19.88 | 20.7 |
| 15 | 256QAM | 36 | 20 | 20.07 | 19.99 | 19.85 | |
| 15 | 256QAM | 36 | 39 | 20.07 | 19.96 | 20.03 | |
| 15 | 256QAM | 75 | 0 | 20.06 | 19.94 | 19.85 | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 24.58 | 24.64 | 24.57 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.58 | 24.70 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.62 | 24.73 | 24.71 | |
| 10 | QPSK | 25 | 0 | 23.73 | 23.69 | 23.75 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.81 | 23.74 | 23.80 | |
| 10 | QPSK | 25 | 25 | 23.87 | 23.88 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.76 | 23.79 | 23.75 | |
| 10 | 16QAM | 1 | 0 | 23.94 | 24.01 | 23.94 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.98 | 24.04 | 23.99 | |
| 10 | 16QAM | 1 | 49 | 24.05 | 24.07 | 23.95 | |
| 10 | 16QAM | 25 | 0 | 22.76 | 22.80 | 22.75 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.87 | 22.76 | 22.82 | |
| 10 | 16QAM | 25 | 25 | 22.85 | 22.96 | 22.87 | |
| 10 | 16QAM | 50 | 0 | 22.84 | 22.80 | 22.69 | |
| 10 | 64QAM | 1 | 0 | 22.74 | 22.77 | 22.84 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.83 | 22.95 | 22.74 | |
| 10 | 64QAM | 1 | 49 | 22.95 | 22.99 | 22.12 | |
| 10 | 64QAM | 25 | 0 | 21.76 | 21.74 | 21.76 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.85 | 21.86 | 21.70 | |
| 10 | 64QAM | 25 | 25 | 21.93 | 21.89 | 21.86 | |
| 10 | 64QAM | 50 | 0 | 21.84 | 21.78 | 21.72 | |
| 10 | 256QAM | 1 | 0 | 20.17 | 19.98 | 19.97 | 20.7 |
| 10 | 256QAM | 1 | 25 | 20.23 | 20.07 | 20.01 | |
| 10 | 256QAM | 1 | 49 | 20.14 | 20.10 | 20.04 | |
| 10 | 256QAM | 25 | 0 | 19.93 | 20.01 | 19.94 | 20.7 |
| 10 | 256QAM | 25 | 12 | 20.08 | 20.00 | 19.85 | |
| 10 | 256QAM | 25 | 25 | 20.10 | 19.90 | 19.97 | |
| 10 | 256QAM | 50 | 0 | 20.03 | 19.99 | 19.92 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 24.54 | 24.62 | 24.61 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.59 | 24.65 | 24.67 | |
| 5 | QPSK | 1 | 24 | 24.68 | 24.72 | 24.69 | |
| 5 | QPSK | 12 | 0 | 23.70 | 23.70 | 23.71 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.81 | 23.74 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.83 | 23.93 | 23.80 | |
| 5 | QPSK | 25 | 0 | 23.78 | 23.84 | 23.70 | |
| 5 | 16QAM | 1 | 0 | 23.94 | 23.98 | 23.97 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.05 | 24.05 | |
| 5 | 16QAM | 1 | 24 | 24.00 | 24.11 | 24.03 | |
| 5 | 16QAM | 12 | 0 | 22.68 | 22.71 | 22.71 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.81 | 22.86 | 22.81 | |
| 5 | 16QAM | 12 | 13 | 22.89 | 22.93 | 22.84 | |
| 5 | 16QAM | 25 | 0 | 22.86 | 22.77 | 22.73 | |
| 5 | 64QAM | 1 | 0 | 22.78 | 22.77 | 22.83 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.84 | 22.89 | 22.73 | |
| 5 | 64QAM | 1 | 24 | 22.97 | 23.05 | 22.16 | |
| 5 | 64QAM | 12 | 0 | 21.78 | 21.82 | 21.74 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.87 | 21.86 | 21.71 | |
| 5 | 64QAM | 12 | 13 | 21.84 | 21.86 | 21.82 | |
| 5 | 64QAM | 25 | 0 | 21.92 | 21.75 | 21.79 | |
| 5 | 256QAM | 1 | 0 | 20.16 | 20.02 | 19.93 | 20.7 |
| 5 | 256QAM | 1 | 12 | 20.28 | 20.00 | 20.05 | |
| 5 | 256QAM | 1 | 24 | 20.18 | 20.11 | 20.03 | |
| 5 | 256QAM | 12 | 0 | 20.02 | 19.98 | 19.91 | 20.7 |
| 5 | 256QAM | 12 | 7 | 20.07 | 20.07 | 19.85 | |
| 5 | 256QAM | 12 | 13 | 20.09 | 19.98 | 19.99 | |
| 5 | 256QAM | 25 | 0 | 20.06 | 19.92 | 19.83 | |

## Band 12_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.64 | 24.53 | 24.59 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.59 | 24.60 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.67 | 24.63 | 24.60 | |
| 10 | QPSK | 25 | 0 | 23.72 | 23.74 | 23.71 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.73 | 23.72 | |
| 10 | QPSK | 25 | 25 | 23.77 | 23.79 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.79 | 23.71 | 23.73 | |
| 10 | 16QAM | 1 | 0 | 23.96 | 23.95 | 23.97 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.97 | 23.99 | 24.01 | |
| 10 | 16QAM | 1 | 49 | 24.06 | 24.01 | 24.04 | |
| 10 | 16QAM | 25 | 0 | 22.71 | 22.73 | 22.74 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.73 | 22.75 | |
| 10 | 16QAM | 25 | 25 | 22.72 | 22.80 | 22.77 | |
| 10 | 16QAM | 50 | 0 | 22.75 | 22.72 | 22.74 | |
| 10 | 64QAM | 1 | 0 | 22.87 | 22.80 | 22.83 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.88 | 22.92 | 22.96 | |
| 10 | 64QAM | 1 | 49 | 22.95 | 22.91 | 22.94 | |
| 10 | 64QAM | 25 | 0 | 21.76 | 21.74 | 21.76 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.77 | 21.78 | |
| 10 | 64QAM | 25 | 25 | 21.79 | 21.81 | 21.80 | |
| 10 | 64QAM | 50 | 0 | 21.82 | 21.77 | 21.77 | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.54 | 19.50 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.66 | 19.57 | 19.56 | |
| 10 | 256QAM | 1 | 49 | 19.62 | 19.68 | 19.64 | |
| 10 | 256QAM | 25 | 0 | 19.52 | 19.54 | 19.55 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.60 | 19.49 | 19.45 | |
| 10 | 256QAM | 25 | 25 | 19.42 | 19.47 | 19.55 | |
| 10 | 256QAM | 50 | 0 | 19.53 | 19.51 | 19.51 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.65 | 24.66 | 24.60 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.65 | 24.60 | 24.60 | |
| 5 | QPSK | 1 | 24 | 24.64 | 24.65 | 24.64 | |
| 5 | QPSK | 12 | 0 | 23.75 | 23.73 | 23.73 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.76 | 23.80 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.70 | 23.74 | 23.72 | |
| 5 | QPSK | 25 | 0 | 23.73 | 23.71 | 23.71 | |
| 5 | 16QAM | 1 | 0 | 23.98 | 23.99 | 23.97 | 24.7 |
| 5 | 16QAM | 1 | 12 | 24.01 | 24.01 | 23.99 | |
| 5 | 16QAM | 1 | 24 | 24.02 | 24.01 | 23.97 | |
| 5 | 16QAM | 12 | 0 | 22.83 | 22.78 | 22.78 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.78 | 22.80 | 22.74 | |
| 5 | 16QAM | 12 | 13 | 22.75 | 22.75 | 22.75 | |
| 5 | 16QAM | 25 | 0 | 22.76 | 22.71 | 22.70 | |
| 5 | 64QAM | 1 | 0 | 22.96 | 22.95 | 22.88 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.92 | 22.93 | 22.94 | |
| 5 | 64QAM | 1 | 24 | 22.96 | 22.98 | 22.92 | |
| 5 | 64QAM | 12 | 0 | 21.86 | 21.82 | 21.82 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.83 | 21.83 | 21.78 | |
| 5 | 64QAM | 12 | 13 | 21.76 | 21.80 | 21.77 | |
| 5 | 64QAM | 25 | 0 | 21.78 | 21.74 | 21.74 | |
| 5 | 256QAM | 1 | 0 | 19.36 | 19.46 | 19.48 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.60 | 19.49 | 19.52 | |
| 5 | 256QAM | 1 | 24 | 19.52 | 19.68 | 19.59 | |
| 5 | 256QAM | 12 | 0 | 19.45 | 19.52 | 19.50 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.51 | 19.48 | 19.42 | |
| 5 | 256QAM | 12 | 13 | 19.36 | 19.37 | 19.54 | |
| 5 | 256QAM | 25 | 0 | 19.53 | 19.49 | 19.48 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 23.92 | 23.88 | 23.86 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.92 | 23.95 | 23.93 | |
| 3 | QPSK | 1 | 14 | 23.85 | 23.90 | 23.84 | |
| 3 | QPSK | 8 | 0 | 22.99 | 22.97 | 22.94 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.96 | 23.00 | 22.97 | |
| 3 | QPSK | 8 | 7 | 22.94 | 22.97 | 22.92 | |
| 3 | QPSK | 15 | 0 | 22.96 | 22.92 | 22.92 | |
| 3 | 16QAM | 1 | 0 | 23.26 | 23.19 | 23.22 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.31 | 23.31 | 23.29 | |
| 3 | 16QAM | 1 | 14 | 23.18 | 23.22 | 23.19 | |
| 3 | 16QAM | 8 | 0 | 22.06 | 22.01 | 22.00 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.05 | 22.06 | 22.04 | |
| 3 | 16QAM | 8 | 7 | 22.00 | 22.06 | 21.98 | |
| 3 | 16QAM | 15 | 0 | 22.01 | 21.95 | 21.94 | |
| 3 | 64QAM | 1 | 0 | 22.21 | 22.14 | 22.14 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.24 | 22.23 | 22.20 | |
| 3 | 64QAM | 1 | 14 | 22.15 | 22.16 | 22.12 | |
| 3 | 64QAM | 8 | 0 | 21.03 | 21.03 | 20.96 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.06 | 21.07 | 21.04 | |
| 3 | 64QAM | 8 | 7 | 20.99 | 21.02 | 20.99 | |
| 3 | 64QAM | 15 | 0 | 21.00 | 20.95 | 20.93 | |
| 3 | 256QAM | 1 | 0 | 19.32 | 19.45 | 19.43 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.58 | 19.50 | 19.48 | |
| 3 | 256QAM | 1 | 14 | 19.60 | 19.67 | 19.56 | |
| 3 | 256QAM | 8 | 0 | 19.49 | 19.44 | 19.45 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.53 | 19.46 | 19.39 | |
| 3 | 256QAM | 8 | 7 | 19.42 | 19.37 | 19.53 | |
| 3 | 256QAM | 15 | 0 | 19.51 | 19.44 | 19.45 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 23.76 | 23.71 | 23.73 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.78 | 23.80 | 23.80 | |
| 1.4 | QPSK | 1 | 5 | 23.72 | 23.73 | 23.71 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.76 | 23.77 | |
| 1.4 | QPSK | 3 | 1 | 23.84 | 23.78 | 23.79 | |
| 1.4 | QPSK | 3 | 3 | 23.74 | 23.78 | 23.74 | |
| 1.4 | QPSK | 6 | 0 | 22.83 | 22.84 | 22.81 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.08 | 23.07 | 23.09 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.12 | 23.14 | 23.10 | |
| 1.4 | 16QAM | 1 | 5 | 23.06 | 23.05 | 23.03 | |
| 1.4 | 16QAM | 3 | 0 | 22.89 | 22.84 | 22.86 | |
| 1.4 | 16QAM | 3 | 1 | 22.94 | 22.86 | 22.89 | |
| 1.4 | 16QAM | 3 | 3 | 22.84 | 22.83 | 22.82 | |
| 1.4 | 16QAM | 6 | 0 | 21.88 | 21.90 | 21.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.01 | 21.98 | 21.99 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.06 | 22.09 | 22.03 | |
| 1.4 | 64QAM | 1 | 5 | 22.03 | 22.02 | 21.97 | |
| 1.4 | 64QAM | 3 | 0 | 21.98 | 21.94 | 21.98 | |
| 1.4 | 64QAM | 3 | 1 | 22.02 | 21.97 | 22.09 | |
| 1.4 | 64QAM | 3 | 3 | 21.94 | 21.95 | 21.95 | |
| 1.4 | 64QAM | 6 | 0 | 20.86 | 20.86 | 20.83 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.38 | 19.48 | 19.42 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.57 | 19.54 | 19.58 | |
| 1.4 | 256QAM | 1 | 5 | 19.58 | 19.67 | 19.56 | |
| 1.4 | 256QAM | 3 | 0 | 19.42 | 19.45 | 19.51 | |
| 1.4 | 256QAM | 3 | 1 | 19.56 | 19.41 | 19.35 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.44 | 19.52 | |
| 1.4 | 256QAM | 6 | 0 | 19.47 | 19.48 | 19.50 | 20.7 |

| Band 13_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23230 | | |
| Frequency (MHz) | | | | | 782 | | |
| 10 | QPSK | 1 | 0 | | 23.98 | | 25.2 |
| 10 | QPSK | 1 | 25 | | 24.02 | | |
| 10 | QPSK | 1 | 49 | | 24.10 | | |
| 10 | QPSK | 25 | 0 | | 23.16 | | 24.2 |
| 10 | QPSK | 25 | 12 | | 23.17 | | |
| 10 | QPSK | 25 | 25 | | 23.19 | | |
| 10 | QPSK | 50 | 0 | | 23.18 | | |
| 10 | 16QAM | 1 | 0 | | 23.38 | | 24.2 |
| 10 | 16QAM | 1 | 25 | | 23.37 | | |
| 10 | 16QAM | 1 | 49 | | 23.40 | | |
| 10 | 16QAM | 25 | 0 | | 22.17 | | 23.2 |
| 10 | 16QAM | 25 | 12 | | 22.20 | | |
| 10 | 16QAM | 25 | 25 | | 22.22 | | |
| 10 | 16QAM | 50 | 0 | | 22.19 | | |
| 10 | 64QAM | 1 | 0 | | 22.21 | | 23.2 |
| 10 | 64QAM | 1 | 25 | | 22.32 | | |
| 10 | 64QAM | 1 | 49 | | 22.34 | | |
| 10 | 64QAM | 25 | 0 | | 21.17 | | 22.2 |
| 10 | 64QAM | 25 | 12 | | 21.24 | | |
| 10 | 64QAM | 25 | 25 | | 21.23 | | |
| 10 | 64QAM | 50 | 0 | | 21.23 | | |
| 10 | 256QAM | 1 | 0 | | 18.61 | | 20.2 |
| 10 | 256QAM | 1 | 25 | | 18.97 | | |
| 10 | 256QAM | 1 | 49 | | 19.01 | | |
| 10 | 256QAM | 25 | 0 | | 18.78 | | 20.2 |
| 10 | 256QAM | 25 | 12 | | 18.86 | | |
| 10 | 256QAM | 25 | 25 | | 18.89 | | |
| 10 | 256QAM | 50 | 0 | | 18.84 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 23.93 | 23.98 | 23.74 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.04 | 24.07 | 23.77 | |
| 5 | QPSK | 1 | 24 | 24.07 | 24.08 | 23.83 | |
| 5 | QPSK | 12 | 0 | 23.10 | 23.13 | 22.85 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.16 | 23.15 | 22.93 | |
| 5 | QPSK | 12 | 13 | 23.19 | 23.21 | 22.89 | |
| 5 | QPSK | 25 | 0 | 23.18 | 23.14 | 22.99 | |
| 5 | 16QAM | 1 | 0 | 23.31 | 23.29 | 23.01 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.29 | 23.33 | 23.04 | |
| 5 | 16QAM | 1 | 24 | 23.37 | 23.36 | 23.04 | |
| 5 | 16QAM | 12 | 0 | 22.20 | 22.17 | 21.92 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.20 | 22.17 | 21.95 | |
| 5 | 16QAM | 12 | 13 | 22.21 | 22.23 | 21.94 | |
| 5 | 16QAM | 25 | 0 | 22.23 | 22.16 | 21.92 | |
| 5 | 64QAM | 1 | 0 | 22.19 | 22.26 | 21.94 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.25 | 22.29 | 22.01 | |
| 5 | 64QAM | 1 | 24 | 22.29 | 22.32 | 22.02 | |
| 5 | 64QAM | 12 | 0 | 21.22 | 21.23 | 20.96 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.26 | 21.21 | 20.98 | |
| 5 | 64QAM | 12 | 13 | 21.25 | 21.26 | 20.95 | |
| 5 | 64QAM | 25 | 0 | 21.26 | 21.17 | 20.96 | |
| 5 | 256QAM | 1 | 0 | 18.55 | 18.57 | 18.59 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.93 | 18.96 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.98 | 18.99 | 18.96 | |
| 5 | 256QAM | 12 | 0 | 18.77 | 18.69 | 18.74 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.83 | 18.76 | 18.79 | |
| 5 | 256QAM | 12 | 13 | 18.82 | 18.84 | 18.79 | |
| 5 | 256QAM | 25 | 0 | 18.77 | 18.77 | 18.74 | |

**Band 14_Ant 0**

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | | 23330 | | |
| Frequency (MHz) | | | | | 793 | | |
| 10 | QPSK | 1 | 0 | | 24.59 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 24.53 | | |
| 10 | QPSK | 1 | 49 | | 24.48 | | |
| 10 | QPSK | 25 | 0 | | 23.55 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 23.57 | | |
| 10 | QPSK | 25 | 25 | | 23.63 | | |
| 10 | QPSK | 50 | 0 | | 23.55 | | |
| 10 | 16QAM | 1 | 0 | | 23.95 | | 24.7 |
| 10 | 16QAM | 1 | 25 | | 23.91 | | |
| 10 | 16QAM | 1 | 49 | | 23.86 | | |
| 10 | 16QAM | 25 | 0 | | 22.54 | | 23.7 |
| 10 | 16QAM | 25 | 12 | | 22.57 | | |
| 10 | 16QAM | 25 | 25 | | 22.64 | | |
| 10 | 16QAM | 50 | 0 | | 22.55 | | |
| 10 | 64QAM | 1 | 0 | | 22.79 | | 23.7 |
| 10 | 64QAM | 1 | 25 | | 22.84 | | |
| 10 | 64QAM | 1 | 49 | | 22.79 | | |
| 10 | 64QAM | 25 | 0 | | 21.58 | | 22.7 |
| 10 | 64QAM | 25 | 12 | | 21.61 | | |
| 10 | 64QAM | 25 | 25 | | 21.63 | | |
| 10 | 64QAM | 50 | 0 | | 21.59 | | |
| 10 | 256QAM | 1 | 0 | | 19.53 | | 20.7 |
| 10 | 256QAM | 1 | 25 | | 19.37 | | |
| 10 | 256QAM | 1 | 49 | | 19.55 | | |
| 10 | 256QAM | 25 | 0 | | 19.29 | | 20.7 |
| 10 | 256QAM | 25 | 12 | | 19.34 | | |
| 10 | 256QAM | 25 | 25 | | 19.33 | | |
| 10 | 256QAM | 50 | 0 | | 19.25 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.48 | 24.45 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.56 | 24.53 | 24.58 | |
| 5 | QPSK | 1 | 24 | 24.55 | 24.55 | 24.48 | |
| 5 | QPSK | 12 | 0 | 23.62 | 23.54 | 23.51 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.66 | 23.66 | 23.60 | |
| 5 | QPSK | 12 | 13 | 23.61 | 23.60 | 23.56 | |
| 5 | QPSK | 25 | 0 | 23.59 | 23.54 | 23.52 | |
| 5 | 16QAM | 1 | 0 | 23.82 | 23.82 | 23.78 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.90 | 23.92 | 23.86 | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.88 | 23.79 | |
| 5 | 16QAM | 12 | 0 | 22.64 | 22.61 | 22.53 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.69 | 22.66 | |
| 5 | 16QAM | 12 | 13 | 22.60 | 22.63 | 22.58 | |
| 5 | 16QAM | 25 | 0 | 22.62 | 22.58 | 22.56 | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.77 | 22.77 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.83 | 22.85 | 22.84 | |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.82 | 22.80 | |
| 5 | 64QAM | 12 | 0 | 21.71 | 21.60 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.69 | 21.70 | 21.68 | |
| 5 | 64QAM | 12 | 13 | 21.63 | 21.66 | 21.61 | |
| 5 | 64QAM | 25 | 0 | 21.65 | 21.61 | 21.54 | |
| 5 | 256QAM | 1 | 0 | 19.47 | 19.49 | 19.53 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.31 | 19.33 | 19.28 | |
| 5 | 256QAM | 1 | 24 | 19.46 | 19.52 | 19.52 | |
| 5 | 256QAM | 12 | 0 | 19.19 | 19.27 | 19.27 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.28 | 19.26 | 19.34 | |
| 5 | 256QAM | 12 | 13 | 19.33 | 19.30 | 19.33 | |
| 5 | 256QAM | 25 | 0 | 19.21 | 19.19 | 19.15 | |

| Band 17_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 24.56 | 24.56 | 24.53 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.56 | 24.64 | 24.60 | |
| 10 | QPSK | 1 | 49 | 24.62 | 24.65 | 24.62 | |
| 10 | QPSK | 25 | 0 | 23.64 | 23.66 | 23.65 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.73 | 23.71 | |
| 10 | QPSK | 25 | 25 | 23.80 | 23.79 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.69 | 23.72 | 23.69 | |
| 10 | 16QAM | 1 | 0 | 23.90 | 23.92 | 23.91 | 24.7 |
| 10 | 16QAM | 1 | 25 | 24.01 | 24.01 | 24.00 | |
| 10 | 16QAM | 1 | 49 | 24.01 | 24.02 | 24.02 | |
| 10 | 16QAM | 25 | 0 | 22.65 | 22.64 | 22.64 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.78 | 22.71 | 22.71 | |
| 10 | 16QAM | 25 | 25 | 22.77 | 22.81 | 22.76 | |
| 10 | 16QAM | 50 | 0 | 22.69 | 22.70 | 22.67 | |
| 10 | 64QAM | 1 | 0 | 22.80 | 22.79 | 22.74 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.92 | 22.97 | 22.90 | |
| 10 | 64QAM | 1 | 49 | 22.52 | 22.58 | 22.63 | |
| 10 | 64QAM | 25 | 0 | 21.67 | 21.67 | 21.67 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.78 | 21.76 | |
| 10 | 64QAM | 25 | 25 | 21.80 | 21.82 | 21.82 | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.71 | 21.71 | |
| 10 | 256QAM | 1 | 0 | 19.44 | 19.37 | 19.33 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.50 | 19.48 | 19.51 | |
| 10 | 256QAM | 1 | 49 | 19.58 | 19.60 | 19.66 | |
| 10 | 256QAM | 25 | 0 | 19.46 | 19.44 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.56 | 19.52 | 19.43 | |
| 10 | 256QAM | 25 | 25 | 19.56 | 19.54 | 19.52 | |
| 10 | 256QAM | 50 | 0 | 19.45 | 19.48 | 19.45 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.57 | 24.56 | 24.55 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.60 | 24.61 | 24.63 | |
| 5 | QPSK | 1 | 24 | 24.64 | 24.61 | 24.64 | |
| 5 | QPSK | 12 | 0 | 23.67 | 23.69 | 23.66 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.78 | 23.74 | 23.69 | |
| 5 | QPSK | 12 | 13 | 23.77 | 23.76 | 23.73 | |
| 5 | QPSK | 25 | 0 | 23.75 | 23.75 | 23.65 | |
| 5 | 16QAM | 1 | 0 | 23.91 | 23.93 | 23.91 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.03 | 23.98 | |
| 5 | 16QAM | 1 | 24 | 24.06 | 24.04 | 24.01 | |
| 5 | 16QAM | 12 | 0 | 22.70 | 22.72 | 22.72 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.74 | 22.73 | |
| 5 | 16QAM | 12 | 13 | 22.78 | 22.77 | 22.74 | |
| 5 | 16QAM | 25 | 0 | 22.74 | 22.75 | 22.69 | |
| 5 | 64QAM | 1 | 0 | 22.89 | 22.87 | 22.88 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.90 | 22.96 | 22.90 | |
| 5 | 64QAM | 1 | 24 | 22.94 | 23.00 | 22.93 | |
| 5 | 64QAM | 12 | 0 | 21.73 | 21.77 | 21.78 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.81 | 21.79 | 21.73 | |
| 5 | 64QAM | 12 | 13 | 21.79 | 21.85 | 21.75 | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.74 | 21.70 | |
| 5 | 256QAM | 1 | 0 | 19.41 | 19.29 | 19.24 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.49 | 19.46 | 19.44 | |
| 5 | 256QAM | 1 | 24 | 19.48 | 19.59 | 19.60 | |
| 5 | 256QAM | 12 | 0 | 19.39 | 19.34 | 19.41 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.58 | 19.47 | 19.40 | |
| 5 | 256QAM | 12 | 13 | 19.53 | 19.54 | 19.52 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.41 | 19.45 | |

## Band 25_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 24.11 | 24.04 | 24.23 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.04 | 24.16 | 24.22 | |
| 20 | QPSK | 1 | 99 | 24.09 | 24.19 | 24.13 | |
| 20 | QPSK | 50 | 0 | 23.14 | 23.22 | 23.27 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.21 | 23.29 | 23.29 | |
| 20 | QPSK | 50 | 50 | 23.19 | 23.27 | 23.40 | |
| 20 | QPSK | 100 | 0 | 23.20 | 23.24 | 23.33 | |
| 20 | 16QAM | 1 | 0 | 23.36 | 23.34 | 23.51 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.39 | 23.45 | 23.58 | |
| 20 | 16QAM | 1 | 99 | 23.50 | 23.54 | 23.42 | |
| 20 | 16QAM | 50 | 0 | 22.11 | 22.19 | 22.31 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.23 | 22.35 | 22.33 | |
| 20 | 16QAM | 50 | 50 | 22.25 | 22.33 | 22.40 | |
| 20 | 16QAM | 100 | 0 | 22.17 | 22.29 | 22.35 | |
| 20 | 64QAM | 1 | 0 | 22.18 | 22.31 | 22.18 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.21 | 22.34 | 22.03 | |
| 20 | 64QAM | 1 | 99 | 22.27 | 22.43 | 21.70 | |
| 20 | 64QAM | 50 | 0 | 21.14 | 21.23 | 20.99 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.23 | 21.35 | 21.22 | |
| 20 | 64QAM | 50 | 50 | 21.23 | 21.31 | 21.08 | |
| 20 | 64QAM | 100 | 0 | 21.22 | 21.30 | 20.47 | |
| 20 | 256QAM | 1 | 0 | 19.65 | 19.44 | 19.86 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.71 | 19.75 | 19.77 | |
| 20 | 256QAM | 1 | 99 | 19.95 | 19.86 | 19.91 | |
| 20 | 256QAM | 50 | 0 | 19.56 | 19.62 | 19.70 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.76 | 19.64 | 19.72 | |
| 20 | 256QAM | 50 | 50 | 19.74 | 19.73 | 19.80 | |
| 20 | 256QAM | 100 | 0 | 19.64 | 19.72 | 19.77 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 24.08 | 23.99 | 24.18 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.01 | 24.14 | 24.21 | |
| 15 | QPSK | 1 | 74 | 24.00 | 24.11 | 24.09 | |
| 15 | QPSK | 36 | 0 | 23.10 | 23.15 | 23.17 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.14 | 23.19 | 23.26 | |
| 15 | QPSK | 36 | 39 | 23.16 | 23.17 | 23.32 | |
| 15 | QPSK | 75 | 0 | 23.15 | 23.19 | 23.28 | |
| 15 | 16QAM | 1 | 0 | 23.31 | 23.34 | 23.43 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.30 | 23.40 | 23.51 | |
| 15 | 16QAM | 1 | 74 | 23.41 | 23.46 | 23.40 | |
| 15 | 16QAM | 36 | 0 | 22.06 | 22.17 | 22.30 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.23 | 22.25 | 22.32 | |
| 15 | 16QAM | 36 | 39 | 22.22 | 22.26 | 22.37 | |
| 15 | 16QAM | 75 | 0 | 22.14 | 22.26 | 22.25 | |
| 15 | 64QAM | 1 | 0 | 22.18 | 22.21 | 22.09 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.18 | 22.33 | 21.98 | |
| 15 | 64QAM | 1 | 74 | 22.23 | 22.36 | 21.70 | |
| 15 | 64QAM | 36 | 0 | 21.07 | 21.15 | 20.93 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.18 | 21.32 | 21.13 | |
| 15 | 64QAM | 36 | 39 | 21.22 | 21.25 | 20.98 | |
| 15 | 64QAM | 75 | 0 | 21.18 | 21.25 | 20.70 | |
| 15 | 256QAM | 1 | 0 | 19.55 | 19.42 | 19.76 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.63 | 19.73 | 19.68 | |
| 15 | 256QAM | 1 | 74 | 19.85 | 19.84 | 19.86 | |
| 15 | 256QAM | 36 | 0 | 19.48 | 19.60 | 19.63 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.76 | 19.55 | 19.69 | |
| 15 | 256QAM | 36 | 39 | 19.71 | 19.70 | 19.73 | |
| 15 | 256QAM | 75 | 0 | 19.62 | 19.72 | 19.72 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 24.05 | 23.96 | 24.17 | 25.7 |
| 10 | QPSK | 1 | 25 | 23.97 | 24.14 | 24.13 | |
| 10 | QPSK | 1 | 49 | 24.09 | 24.12 | 24.06 | |
| 10 | QPSK | 25 | 0 | 23.04 | 23.22 | 23.26 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.20 | 23.20 | 23.28 | |
| 10 | QPSK | 25 | 25 | 23.19 | 23.26 | 23.33 | |
| 10 | QPSK | 50 | 0 | 23.16 | 23.17 | 23.30 | |
| 10 | 16QAM | 1 | 0 | 23.28 | 23.28 | 23.44 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.31 | 23.36 | 23.51 | |
| 10 | 16QAM | 1 | 49 | 23.42 | 23.51 | 23.38 | |
| 10 | 16QAM | 25 | 0 | 22.02 | 22.17 | 22.31 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.23 | 22.26 | 22.25 | |
| 10 | 16QAM | 25 | 25 | 22.17 | 22.27 | 22.32 | |
| 10 | 16QAM | 50 | 0 | 22.15 | 22.20 | 22.35 | |
| 10 | 64QAM | 1 | 0 | 22.17 | 22.31 | 22.14 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.19 | 22.25 | 21.97 | |
| 10 | 64QAM | 1 | 49 | 22.25 | 22.42 | 21.70 | |
| 10 | 64QAM | 25 | 0 | 21.08 | 21.15 | 20.92 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.21 | 21.30 | 21.16 | |
| 10 | 64QAM | 25 | 25 | 21.23 | 21.28 | 21.07 | |
| 10 | 64QAM | 50 | 0 | 21.17 | 21.30 | 20.47 | |
| 10 | 256QAM | 1 | 0 | 19.58 | 19.35 | 19.86 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.64 | 19.73 | 19.75 | |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.84 | 19.91 | |
| 10 | 256QAM | 25 | 0 | 19.47 | 19.58 | 19.69 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.70 | 19.61 | 19.62 | |
| 10 | 256QAM | 25 | 25 | 19.70 | 19.73 | 19.71 | |
| 10 | 256QAM | 50 | 0 | 19.57 | 19.65 | 19.77 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 24.09 | 24.00 | 24.15 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.98 | 24.11 | 24.13 | |
| 5 | QPSK | 1 | 24 | 24.05 | 24.15 | 24.11 | |
| 5 | QPSK | 12 | 0 | 23.10 | 23.19 | 23.24 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.21 | 23.24 | 23.28 | |
| 5 | QPSK | 12 | 13 | 23.14 | 23.23 | 23.34 | |
| 5 | QPSK | 25 | 0 | 23.14 | 23.19 | 23.28 | |
| 5 | 16QAM | 1 | 0 | 23.28 | 23.32 | 23.51 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.33 | 23.41 | 23.56 | |
| 5 | 16QAM | 1 | 24 | 23.49 | 23.46 | 23.37 | |
| 5 | 16QAM | 12 | 0 | 22.02 | 22.11 | 22.24 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.19 | 22.33 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.24 | 22.23 | 22.39 | |
| 5 | 16QAM | 25 | 0 | 22.15 | 22.20 | 22.35 | |
| 5 | 64QAM | 1 | 0 | 22.11 | 22.30 | 22.12 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.13 | 22.28 | 21.97 | |
| 5 | 64QAM | 1 | 24 | 22.18 | 22.36 | 21.70 | |
| 5 | 64QAM | 12 | 0 | 21.10 | 21.14 | 20.95 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.13 | 21.28 | 21.19 | |
| 5 | 64QAM | 12 | 13 | 21.14 | 21.23 | 21.04 | |
| 5 | 64QAM | 25 | 0 | 21.18 | 21.25 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 19.56 | 19.39 | 19.78 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.68 | 19.72 | 19.69 | |
| 5 | 256QAM | 1 | 24 | 19.90 | 19.77 | 19.89 | |
| 5 | 256QAM | 12 | 0 | 19.46 | 19.54 | 19.66 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.54 | 19.70 | |
| 5 | 256QAM | 12 | 13 | 19.74 | 19.69 | 19.78 | |
| 5 | 256QAM | 25 | 0 | 19.55 | 19.63 | 19.70 | |
| Channel | | | | 26025 | 26340 | 26675 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 24.01 | 23.97 | 24.13 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.94 | 24.12 | 24.18 | |
| 3 | QPSK | 1 | 14 | 24.02 | 24.18 | 24.06 | |
| 3 | QPSK | 8 | 0 | 23.05 | 23.17 | 23.24 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.17 | 23.28 | 23.24 | |
| 3 | QPSK | 8 | 7 | 23.15 | 23.22 | 23.35 | |
| 3 | QPSK | 15 | 0 | 23.20 | 23.24 | 23.32 | |
| 3 | 16QAM | 1 | 0 | 23.32 | 23.34 | 23.50 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.29 | 23.38 | 23.52 | |
| 3 | 16QAM | 1 | 14 | 23.42 | 23.48 | 23.42 | |
| 3 | 16QAM | 8 | 0 | 22.08 | 22.09 | 22.27 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.14 | 22.33 | 22.29 | |
| 3 | 16QAM | 8 | 7 | 22.15 | 22.31 | 22.30 | |
| 3 | 16QAM | 15 | 0 | 22.07 | 22.29 | 22.31 | |
| 3 | 64QAM | 1 | 0 | 22.18 | 22.23 | 22.18 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.16 | 22.30 | 22.02 | |
| 3 | 64QAM | 1 | 14 | 22.23 | 22.34 | 21.70 | |
| 3 | 64QAM | 8 | 0 | 21.05 | 21.20 | 20.89 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.20 | 21.33 | 21.15 | |
| 3 | 64QAM | 8 | 7 | 21.18 | 21.28 | 21.02 | |
| 3 | 64QAM | 15 | 0 | 21.18 | 21.27 | 20.47 | |
| 3 | 256QAM | 1 | 0 | 19.55 | 19.34 | 19.86 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.61 | 19.75 | 19.77 | |
| 3 | 256QAM | 1 | 14 | 19.93 | 19.86 | 19.82 | |
| 3 | 256QAM | 8 | 0 | 19.46 | 19.57 | 19.70 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.73 | 19.64 | 19.65 | |
| 3 | 256QAM | 8 | 7 | 19.73 | 19.65 | 19.71 | |
| 3 | 256QAM | 15 | 0 | 19.54 | 19.62 | 19.74 | |
| Channel | | | | 26047 | 26340 | 26983 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 23.85 | 23.91 | 24.01 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.93 | 24.02 | 24.10 | |
| 1.4 | QPSK | 1 | 5 | 23.88 | 23.98 | 23.99 | |
| 1.4 | QPSK | 3 | 0 | 23.85 | 23.93 | 24.05 | |
| 1.4 | QPSK | 3 | 1 | 23.93 | 23.99 | 24.09 | |
| 1.4 | QPSK | 3 | 3 | 23.92 | 24.02 | 23.94 | |
| 1.4 | QPSK | 6 | 0 | 22.95 | 23.04 | 23.10 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.16 | 23.20 | 23.33 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.26 | 23.25 | 23.29 | |
| 1.4 | 16QAM | 1 | 5 | 23.17 | 23.33 | 23.17 | |
| 1.4 | 16QAM | 3 | 0 | 22.94 | 23.06 | 23.09 | |
| 1.4 | 16QAM | 3 | 1 | 22.95 | 23.09 | 23.14 | |
| 1.4 | 16QAM | 3 | 3 | 23.01 | 23.08 | 23.11 | |
| 1.4 | 16QAM | 6 | 0 | 22.04 | 22.15 | 22.23 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.05 | 22.14 | 21.47 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.18 | 22.29 | 21.53 | |
| 1.4 | 64QAM | 1 | 5 | 22.08 | 22.20 | 21.43 | |
| 1.4 | 64QAM | 3 | 0 | 22.04 | 22.13 | 21.50 | |
| 1.4 | 64QAM | 3 | 1 | 22.13 | 22.17 | 21.57 | |
| 1.4 | 64QAM | 3 | 3 | 22.10 | 22.18 | 21.49 | |
| 1.4 | 64QAM | 6 | 0 | 20.93 | 21.05 | 20.47 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.61 | 19.36 | 19.88 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.69 | 19.83 | 19.67 | |
| 1.4 | 256QAM | 1 | 5 | 19.92 | 19.79 | 19.91 | |
| 1.4 | 256QAM | 3 | 0 | 19.58 | 19.50 | 19.58 | |
| 1.4 | 256QAM | 3 | 1 | 19.65 | 19.57 | 19.72 | |
| 1.4 | 256QAM | 3 | 3 | 19.66 | 19.72 | 19.73 | |
| 1.4 | 256QAM | 6 | 0 | 19.59 | 19.58 | 19.73 | 20.7 |

## Band 26_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26705 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 24.58 | 24.49 | 24.49 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.49 | 24.48 | 24.46 | |
| 15 | QPSK | 1 | 74 | 24.49 | 24.48 | 24.35 | |
| 15 | QPSK | 36 | 0 | 23.64 | 23.62 | 23.61 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.69 | 23.67 | 23.57 | |
| 15 | QPSK | 36 | 39 | 23.64 | 23.63 | 23.59 | |
| 15 | QPSK | 75 | 0 | 23.67 | 23.66 | 23.58 | |
| 15 | 16QAM | 1 | 0 | 23.88 | 23.77 | 23.80 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.79 | 23.78 | 23.78 | |
| 15 | 16QAM | 1 | 74 | 23.77 | 23.71 | 23.66 | |
| 15 | 16QAM | 36 | 0 | 22.63 | 22.62 | 22.59 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.65 | 22.65 | 22.55 | |
| 15 | 16QAM | 36 | 39 | 22.65 | 22.62 | 22.56 | |
| 15 | 16QAM | 75 | 0 | 22.68 | 22.65 | 22.61 | |
| 15 | 64QAM | 1 | 0 | 22.75 | 22.67 | 22.63 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.71 | 22.74 | 22.66 | |
| 15 | 64QAM | 1 | 74 | 22.72 | 22.68 | 22.03 | |
| 15 | 64QAM | 36 | 0 | 21.64 | 21.64 | 21.64 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.68 | 21.68 | 21.61 | |
| 15 | 64QAM | 36 | 39 | 21.67 | 21.64 | 21.63 | |
| 15 | 64QAM | 75 | 0 | 21.70 | 21.67 | 21.59 | |
| 15 | 256QAM | 1 | 0 | 19.49 | 19.43 | 19.44 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.45 | 19.37 | 19.46 | |
| 15 | 256QAM | 1 | 74 | 19.57 | 19.56 | 19.36 | |
| 15 | 256QAM | 36 | 0 | 19.39 | 19.40 | 19.38 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.42 | 19.45 | 19.38 | |
| 15 | 256QAM | 36 | 39 | 19.31 | 19.32 | 19.31 | |
| 15 | 256QAM | 75 | 0 | 19.41 | 19.43 | 19.34 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.54 | 24.52 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.53 | 24.52 | 24.49 | |
| 10 | QPSK | 1 | 49 | 24.53 | 24.54 | 24.42 | |
| 10 | QPSK | 25 | 0 | 23.68 | 23.57 | 23.57 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.68 | 23.59 | 23.56 | |
| 10 | QPSK | 25 | 25 | 23.63 | 23.59 | 23.57 | |
| 10 | QPSK | 50 | 0 | 23.65 | 23.65 | 23.54 | |
| 10 | 16QAM | 1 | 0 | 23.99 | 23.87 | 23.88 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.89 | 23.90 | 23.88 | |
| 10 | 16QAM | 1 | 49 | 23.93 | 23.94 | 23.75 | |
| 10 | 16QAM | 25 | 0 | 22.70 | 22.59 | 22.58 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.69 | 22.59 | 22.54 | |
| 10 | 16QAM | 25 | 25 | 22.60 | 22.63 | 22.55 | |
| 10 | 16QAM | 50 | 0 | 22.65 | 22.64 | 22.56 | |
| 10 | 64QAM | 1 | 0 | 22.92 | 22.78 | 22.74 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.80 | 22.80 | 22.78 | |
| 10 | 64QAM | 1 | 49 | 22.81 | 22.80 | 22.08 | |
| 10 | 64QAM | 25 | 0 | 21.51 | 21.60 | 21.62 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.70 | 21.63 | 21.62 | |
| 10 | 64QAM | 25 | 25 | 21.61 | 21.61 | 21.34 | |
| 10 | 64QAM | 50 | 0 | 21.51 | 21.67 | 21.55 | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.42 | 19.41 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.43 | 19.28 | 19.43 | |
| 10 | 256QAM | 1 | 49 | 19.47 | 19.49 | 19.28 | |
| 10 | 256QAM | 25 | 0 | 19.32 | 19.34 | 19.37 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.42 | 19.38 | |
| 10 | 256QAM | 25 | 25 | 19.29 | 19.25 | 19.24 | |
| 10 | 256QAM | 50 | 0 | 19.33 | 19.33 | 19.30 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.50 | 24.50 | 24.55 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.53 | 24.55 | 24.54 | |
| 5 | QPSK | 1 | 24 | 24.50 | 24.56 | 24.42 | |
| 5 | QPSK | 12 | 0 | 23.72 | 23.61 | 23.61 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.69 | 23.64 | 23.58 | |
| 5 | QPSK | 12 | 13 | 23.64 | 23.60 | 23.51 | |
| 5 | QPSK | 25 | 0 | 23.68 | 23.62 | 23.57 | |
| 5 | 16QAM | 1 | 0 | 24.01 | 23.91 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.96 | 23.96 | 23.78 | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.93 | 23.74 | |
| 5 | 16QAM | 12 | 0 | 22.78 | 22.63 | 22.64 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.73 | 22.68 | 22.59 | |
| 5 | 16QAM | 12 | 13 | 22.65 | 22.61 | 22.52 | |
| 5 | 16QAM | 25 | 0 | 22.69 | 22.62 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.84 | 22.81 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.72 | 22.84 | 22.34 | |
| 5 | 64QAM | 1 | 24 | 22.60 | 22.86 | 22.11 | |
| 5 | 64QAM | 12 | 0 | 21.55 | 21.67 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.67 | 21.71 | 21.21 | |
| 5 | 64QAM | 12 | 13 | 21.58 | 21.64 | 20.94 | |
| 5 | 64QAM | 25 | 0 | 21.52 | 21.68 | 21.22 | |
| 5 | 256QAM | 1 | 0 | 19.42 | 19.34 | 19.36 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.42 | 19.36 | 19.44 | |
| 5 | 256QAM | 1 | 24 | 19.48 | 19.48 | 19.27 | |
| 5 | 256QAM | 12 | 0 | 19.31 | 19.39 | 19.32 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.40 | 19.40 | 19.31 | |
| 5 | 256QAM | 12 | 13 | 19.28 | 19.28 | 19.30 | |
| 5 | 256QAM | 25 | 0 | 19.41 | 19.33 | 19.28 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.43 | 24.41 | 24.53 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.52 | 24.50 | 24.54 | |
| 3 | QPSK | 1 | 14 | 24.50 | 24.48 | 24.41 | |
| 3 | QPSK | 8 | 0 | 23.72 | 23.59 | 23.56 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.61 | 23.60 | 23.53 | |
| 3 | QPSK | 8 | 7 | 23.62 | 23.59 | 23.48 | |
| 3 | QPSK | 15 | 0 | 23.61 | 23.58 | 23.48 | |
| 3 | 16QAM | 1 | 0 | 23.93 | 23.87 | 23.87 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.90 | 23.89 | 23.74 | |
| 3 | 16QAM | 1 | 14 | 23.80 | 23.84 | 23.73 | |
| 3 | 16QAM | 8 | 0 | 22.74 | 22.57 | 22.54 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.65 | 22.65 | 22.54 | |
| 3 | 16QAM | 8 | 7 | 22.61 | 22.52 | 22.44 | |
| 3 | 16QAM | 15 | 0 | 22.68 | 22.61 | 22.57 | |
| 3 | 64QAM | 1 | 0 | 22.58 | 22.79 | 22.71 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.87 | 22.84 | 22.24 | |
| 3 | 64QAM | 1 | 14 | 22.59 | 22.86 | 22.11 | |
| 3 | 64QAM | 8 | 0 | 21.45 | 21.62 | 21.53 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.63 | 21.67 | 21.12 | |
| 3 | 64QAM | 8 | 7 | 21.54 | 21.64 | 20.90 | |
| 3 | 64QAM | 15 | 0 | 21.45 | 21.68 | 21.19 | |
| 3 | 256QAM | 1 | 0 | 19.47 | 19.43 | 19.39 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.40 | 19.29 | 19.46 | |
| 3 | 256QAM | 1 | 14 | 19.54 | 19.46 | 19.32 | |
| 3 | 256QAM | 8 | 0 | 19.30 | 19.35 | 19.33 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.41 | 19.37 | 19.29 | |
| 3 | 256QAM | 8 | 7 | 19.24 | 19.24 | 19.25 | |
| 3 | 256QAM | 15 | 0 | 19.34 | 19.42 | 19.25 | |
| Channel | | | | 26627 | 26865 | 27103 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 24.47 | 24.43 | 24.46 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.51 | 24.46 | 24.45 | |
| 1.4 | QPSK | 1 | 5 | 24.49 | 24.50 | 24.32 | |
| 1.4 | QPSK | 3 | 0 | 24.46 | 24.48 | 24.47 | |
| 1.4 | QPSK | 3 | 1 | 24.48 | 24.50 | 24.53 | |
| 1.4 | QPSK | 3 | 3 | 24.46 | 24.48 | 24.32 | |
| 1.4 | QPSK | 6 | 0 | 23.72 | 23.53 | 23.56 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.65 | 23.64 | 23.48 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.60 | 23.59 | 23.41 | |
| 1.4 | 16QAM | 1 | 5 | 23.58 | 23.60 | 23.54 | |
| 1.4 | 16QAM | 3 | 0 | 23.94 | 23.85 | 23.80 | |
| 1.4 | 16QAM | 3 | 1 | 23.87 | 23.88 | 23.77 | |
| 1.4 | 16QAM | 3 | 3 | 23.77 | 23.92 | 23.69 | |
| 1.4 | 16QAM | 6 | 0 | 22.77 | 22.61 | 22.60 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.66 | 22.84 | 22.59 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.55 | 22.61 | 22.43 | |
| 1.4 | 64QAM | 1 | 5 | 22.69 | 22.59 | 22.54 | |
| 1.4 | 64QAM | 3 | 0 | 22.51 | 22.75 | 22.79 | |
| 1.4 | 64QAM | 3 | 1 | 22.62 | 22.80 | 22.24 | |
| 1.4 | 64QAM | 3 | 3 | 22.60 | 22.86 | 22.09 | |
| 1.4 | 64QAM | 6 | 0 | 21.47 | 21.67 | 21.56 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.44 | 19.37 | 19.35 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.38 | 19.34 | 19.42 | |
| 1.4 | 256QAM | 1 | 5 | 19.55 | 19.49 | 19.28 | |
| 1.4 | 256QAM | 3 | 0 | 19.36 | 19.37 | 19.31 | |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.38 | 19.34 | |
| 1.4 | 256QAM | 3 | 3 | 19.21 | 19.27 | 19.28 | |
| 1.4 | 256QAM | 6 | 0 | 19.33 | 19.33 | 19.30 | 20.7 |

| Band 30_Ant 2 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 27710 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | QPSK | 1 | 0 | | 23.15 | | 24.2 |
| 10 | QPSK | 1 | 25 | | 23.09 | | |
| 10 | QPSK | 1 | 49 | | 23.02 | | |
| 10 | QPSK | 25 | 0 | | 22.08 | | 23.2 |
| 10 | QPSK | 25 | 12 | | 22.16 | | |
| 10 | QPSK | 25 | 25 | | 22.18 | | |
| 10 | QPSK | 50 | 0 | | 22.14 | | |
| 10 | 16QAM | 1 | 0 | | 22.44 | | 23.2 |
| 10 | 16QAM | 1 | 25 | | 22.48 | | |
| 10 | 16QAM | 1 | 49 | | 22.41 | | |
| 10 | 16QAM | 25 | 0 | | 21.08 | | 22.2 |
| 10 | 16QAM | 25 | 12 | | 21.14 | | |
| 10 | 16QAM | 25 | 25 | | 21.17 | | |
| 10 | 16QAM | 50 | 0 | | 21.14 | | |
| 10 | 64QAM | 1 | 0 | | 21.29 | | 22.2 |
| 10 | 64QAM | 1 | 25 | | 21.39 | | |
| 10 | 64QAM | 1 | 49 | | 21.27 | | |
| 10 | 64QAM | 25 | 0 | | 20.12 | | 21.2 |
| 10 | 64QAM | 25 | 12 | | 20.20 | | |
| 10 | 64QAM | 25 | 25 | | 20.20 | | |
| 10 | 64QAM | 50 | 0 | | 20.16 | | |
| 10 | 256QAM | 1 | 0 | | 18.80 | | 19.2 |
| 10 | 256QAM | 1 | 25 | | 18.94 | | |
| 10 | 256QAM | 1 | 49 | | 18.91 | | |
| 10 | 256QAM | 25 | 0 | | 18.78 | | 19.2 |
| 10 | 256QAM | 25 | 12 | | 18.73 | | |
| 10 | 256QAM | 25 | 25 | | 18.75 | | |
| 10 | 256QAM | 50 | 0 | | 18.77 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 22.97 | 23.01 | 23.05 | 24.2 |
| 5 | QPSK | 1 | 12 | 23.14 | 23.14 | 23.12 | |
| 5 | QPSK | 1 | 24 | 23.13 | 23.13 | 23.06 | |
| 5 | QPSK | 12 | 0 | 22.10 | 22.12 | 22.16 | 23.2 |
| 5 | QPSK | 12 | 7 | 22.23 | 22.17 | 22.21 | |
| 5 | QPSK | 12 | 13 | 22.22 | 22.17 | 22.19 | |
| 5 | QPSK | 25 | 0 | 22.18 | 22.14 | 22.19 | |
| 5 | 16QAM | 1 | 0 | 22.32 | 22.34 | 22.39 | 23.2 |
| 5 | 16QAM | 1 | 12 | 22.42 | 22.40 | 22.38 | |
| 5 | 16QAM | 1 | 24 | 22.44 | 22.40 | 22.36 | |
| 5 | 16QAM | 12 | 0 | 21.15 | 21.14 | 21.19 | 22.2 |
| 5 | 16QAM | 12 | 7 | 21.24 | 21.20 | 21.22 | |
| 5 | 16QAM | 12 | 13 | 21.25 | 21.18 | 21.22 | |
| 5 | 16QAM | 25 | 0 | 21.21 | 21.16 | 21.20 | |
| 5 | 64QAM | 1 | 0 | 21.28 | 21.32 | 21.34 | 22.2 |
| 5 | 64QAM | 1 | 12 | 21.32 | 21.36 | 21.33 | |
| 5 | 64QAM | 1 | 24 | 21.38 | 21.36 | 21.31 | |
| 5 | 64QAM | 12 | 0 | 20.17 | 20.21 | 20.29 | 21.2 |
| 5 | 64QAM | 12 | 7 | 20.29 | 20.23 | 20.28 | |
| 5 | 64QAM | 12 | 13 | 20.30 | 20.25 | 20.24 | |
| 5 | 64QAM | 25 | 0 | 20.25 | 20.17 | 20.20 | |
| 5 | 256QAM | 1 | 0 | 18.75 | 18.79 | 18.77 | 19.2 |
| 5 | 256QAM | 1 | 12 | 18.87 | 18.90 | 18.85 | |
| 5 | 256QAM | 1 | 24 | 18.90 | 18.83 | 18.87 | |
| 5 | 256QAM | 12 | 0 | 18.76 | 18.69 | 18.69 | 19.2 |
| 5 | 256QAM | 12 | 7 | 18.83 | 18.72 | 18.64 | |
| 5 | 256QAM | 12 | 13 | 18.65 | 18.75 | 18.71 | |
| 5 | 256QAM | 25 | 0 | 18.75 | 18.72 | 18.70 | |

## Band 66_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 24.26 | 24.32 | 24.25 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.22 | 24.27 | 24.20 | |
| 20 | QPSK | 1 | 99 | 24.23 | 24.29 | 24.24 | |
| 20 | QPSK | 50 | 0 | 23.26 | 23.35 | 23.22 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.38 | 23.30 | 23.30 | |
| 20 | QPSK | 50 | 50 | 23.37 | 23.32 | 23.26 | |
| 20 | QPSK | 100 | 0 | 23.36 | 23.31 | 23.33 | |
| 20 | 16QAM | 1 | 0 | 23.59 | 23.58 | 23.51 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.60 | 23.61 | 23.52 | |
| 20 | 16QAM | 1 | 99 | 23.61 | 23.58 | 23.47 | |
| 20 | 16QAM | 50 | 0 | 22.22 | 22.29 | 22.24 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.37 | 22.35 | 22.32 | |
| 20 | 16QAM | 50 | 50 | 22.40 | 22.36 | 22.31 | |
| 20 | 16QAM | 100 | 0 | 22.41 | 22.31 | 22.32 | |
| 20 | 64QAM | 1 | 0 | 22.11 | 22.57 | 22.37 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.46 | 22.51 | 21.75 | |
| 20 | 64QAM | 1 | 99 | 22.50 | 22.69 | 22.22 | |
| 20 | 64QAM | 50 | 0 | 21.28 | 21.34 | 20.98 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.43 | 21.37 | 20.95 | |
| 20 | 64QAM | 50 | 50 | 21.41 | 21.45 | 21.31 | |
| 20 | 64QAM | 100 | 0 | 21.40 | 21.31 | 21.15 | |
| 20 | 256QAM | 1 | 0 | 19.79 | 19.73 | 19.71 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.59 | 19.92 | 19.68 | |
| 20 | 256QAM | 1 | 99 | 20.01 | 19.95 | 19.79 | |
| 20 | 256QAM | 50 | 0 | 19.52 | 19.69 | 19.69 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.80 | 19.74 | 19.75 | |
| 20 | 256QAM | 50 | 50 | 19.73 | 19.71 | 19.58 | |
| 20 | 256QAM | 100 | 0 | 19.72 | 19.79 | 19.65 | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 24.20 | 24.26 | 24.18 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.13 | 24.18 | 24.20 | |
| 15 | QPSK | 1 | 74 | 24.16 | 24.25 | 24.14 | |
| 15 | QPSK | 36 | 0 | 23.22 | 23.34 | 23.18 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.32 | 23.28 | 23.24 | |
| 15 | QPSK | 36 | 39 | 23.30 | 23.22 | 23.25 | |
| 15 | QPSK | 75 | 0 | 23.31 | 23.24 | 23.24 | |
| 15 | 16QAM | 1 | 0 | 23.55 | 23.51 | 23.43 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.59 | 23.59 | 23.46 | |
| 15 | 16QAM | 1 | 74 | 23.51 | 23.52 | 23.47 | |
| 15 | 16QAM | 36 | 0 | 22.18 | 22.21 | 22.20 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.34 | 22.31 | 22.32 | |
| 15 | 16QAM | 36 | 39 | 22.30 | 22.32 | 22.27 | |
| 15 | 16QAM | 75 | 0 | 22.31 | 22.21 | 22.28 | |
| 15 | 64QAM | 1 | 0 | 22.07 | 22.55 | 22.35 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.40 | 22.44 | 21.70 | |
| 15 | 64QAM | 1 | 74 | 22.49 | 22.61 | 22.22 | |
| 15 | 64QAM | 36 | 0 | 21.23 | 21.28 | 20.98 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.35 | 21.32 | 20.95 | |
| 15 | 64QAM | 36 | 39 | 21.32 | 21.35 | 21.26 | |
| 15 | 64QAM | 75 | 0 | 21.38 | 21.27 | 21.07 | |
| 15 | 256QAM | 1 | 0 | 19.72 | 19.68 | 19.65 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.55 | 19.86 | 19.62 | |
| 15 | 256QAM | 1 | 74 | 20.00 | 19.93 | 19.69 | |
| 15 | 256QAM | 36 | 0 | 19.48 | 19.64 | 19.63 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.75 | 19.69 | 19.75 | |
| 15 | 256QAM | 36 | 39 | 19.65 | 19.69 | 19.58 | |
| 15 | 256QAM | 75 | 0 | 19.72 | 19.79 | 19.58 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 24.17 | 24.22 | 24.15 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.14 | 24.21 | 24.20 | |
| 10 | QPSK | 1 | 49 | 24.16 | 24.19 | 24.24 | |
| 10 | QPSK | 25 | 0 | 23.23 | 23.25 | 23.18 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.33 | 23.28 | 23.25 | |
| 10 | QPSK | 25 | 25 | 23.29 | 23.31 | 23.18 | |
| 10 | QPSK | 50 | 0 | 23.36 | 23.21 | 23.23 | |
| 10 | 16QAM | 1 | 0 | 23.52 | 23.48 | 23.46 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.54 | 23.60 | 23.52 | |
| 10 | 16QAM | 1 | 49 | 23.60 | 23.49 | 23.37 | |
| 10 | 16QAM | 25 | 0 | 22.19 | 22.19 | 22.23 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.28 | 22.28 | 22.31 | |
| 10 | 16QAM | 25 | 25 | 22.33 | 22.26 | 22.27 | |
| 10 | 16QAM | 50 | 0 | 22.38 | 22.28 | 22.23 | |
| 10 | 64QAM | 1 | 0 | 22.02 | 22.55 | 22.34 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.37 | 22.50 | 21.70 | |
| 10 | 64QAM | 1 | 49 | 22.40 | 22.63 | 22.17 | |
| 10 | 64QAM | 25 | 0 | 21.20 | 21.34 | 20.98 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.38 | 21.30 | 20.91 | |
| 10 | 64QAM | 25 | 25 | 21.39 | 21.37 | 21.27 | |
| 10 | 64QAM | 50 | 0 | 21.32 | 21.26 | 21.05 | |
| 10 | 256QAM | 1 | 0 | 19.74 | 19.68 | 19.63 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.52 | 19.91 | 19.58 | |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.91 | 19.70 | |
| 10 | 256QAM | 25 | 0 | 19.48 | 19.69 | 19.65 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.70 | 19.68 | 19.75 | |
| 10 | 256QAM | 25 | 25 | 19.73 | 19.62 | 19.48 | |
| 10 | 256QAM | 50 | 0 | 19.66 | 19.76 | 19.58 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 24.16 | 24.23 | 24.16 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.12 | 24.18 | 24.19 | |
| 5 | QPSK | 1 | 24 | 24.22 | 24.27 | 24.19 | |
| 5 | QPSK | 12 | 0 | 23.22 | 23.31 | 23.17 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.38 | 23.21 | 23.24 | |
| 5 | QPSK | 12 | 13 | 23.29 | 23.26 | 23.20 | |
| 5 | QPSK | 25 | 0 | 23.28 | 23.25 | 23.24 | |
| 5 | 16QAM | 1 | 0 | 23.58 | 23.51 | 23.43 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.50 | 23.54 | 23.43 | |
| 5 | 16QAM | 1 | 24 | 23.56 | 23.46 | 23.40 | |
| 5 | 16QAM | 12 | 0 | 22.20 | 22.25 | 22.22 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.28 | 22.29 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.30 | 22.29 | 22.29 | |
| 5 | 16QAM | 25 | 0 | 22.34 | 22.22 | 22.25 | |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.53 | 22.30 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.43 | 22.45 | 21.70 | |
| 5 | 64QAM | 1 | 24 | 22.48 | 22.62 | 22.21 | |
| 5 | 64QAM | 12 | 0 | 21.21 | 21.30 | 20.98 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.36 | 21.34 | 20.87 | |
| 5 | 64QAM | 12 | 13 | 21.37 | 21.39 | 21.26 | |
| 5 | 64QAM | 25 | 0 | 21.32 | 21.21 | 21.09 | |
| 5 | 256QAM | 1 | 0 | 19.69 | 19.66 | 19.71 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.57 | 19.90 | 19.58 | |
| 5 | 256QAM | 1 | 24 | 19.98 | 19.91 | 19.72 | |
| 5 | 256QAM | 12 | 0 | 19.48 | 19.65 | 19.65 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.79 | 19.73 | 19.73 | |
| 5 | 256QAM | 12 | 13 | 19.71 | 19.67 | 19.51 | |
| 5 | 256QAM | 25 | 0 | 19.68 | 19.74 | 19.61 | |
| Channel | | | | 131967 | 132322 | 132677 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 24.23 | 24.28 | 24.17 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.21 | 24.23 | 24.15 | |
| 3 | QPSK | 1 | 14 | 24.16 | 24.24 | 24.21 | |
| 3 | QPSK | 8 | 0 | 23.26 | 23.34 | 23.19 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.37 | 23.23 | 23.30 | |
| 3 | QPSK | 8 | 7 | 23.32 | 23.22 | 23.20 | |
| 3 | QPSK | 15 | 0 | 23.33 | 23.28 | 23.29 | |
| 3 | 16QAM | 1 | 0 | 23.59 | 23.51 | 23.49 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.58 | 23.58 | 23.48 | |
| 3 | 16QAM | 1 | 14 | 23.56 | 23.49 | 23.40 | |
| 3 | 16QAM | 8 | 0 | 22.16 | 22.26 | 22.19 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.31 | 22.26 | 22.39 | |
| 3 | 16QAM | 8 | 7 | 22.36 | 22.36 | 22.28 | |
| 3 | 16QAM | 15 | 0 | 22.39 | 22.30 | 22.26 | |
| 3 | 64QAM | 1 | 0 | 22.04 | 22.54 | 22.35 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.46 | 22.48 | 21.73 | |
| 3 | 64QAM | 1 | 14 | 22.43 | 22.61 | 22.22 | |
| 3 | 64QAM | 8 | 0 | 21.19 | 21.34 | 20.90 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.41 | 21.33 | 20.89 | |
| 3 | 64QAM | 8 | 7 | 21.32 | 21.37 | 21.21 | |
| 3 | 64QAM | 15 | 0 | 21.33 | 21.31 | 21.05 | |
| 3 | 256QAM | 1 | 0 | 19.69 | 19.72 | 19.70 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.54 | 19.86 | 19.64 | |
| 3 | 256QAM | 1 | 14 | 19.93 | 19.91 | 19.74 | |
| 3 | 256QAM | 8 | 0 | 19.42 | 19.65 | 19.60 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.75 | 19.72 | 19.65 | |
| 3 | 256QAM | 8 | 7 | 19.71 | 19.66 | 19.57 | |
| 3 | 256QAM | 15 | 0 | 19.63 | 19.71 | 19.63 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 24.02 | 24.09 | 24.01 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.08 | 24.13 | 24.09 | |
| 1.4 | QPSK | 1 | 5 | 24.03 | 24.08 | 23.96 | |
| 1.4 | QPSK | 3 | 0 | 24.13 | 24.13 | 24.05 | |
| 1.4 | QPSK | 3 | 1 | 24.16 | 24.19 | 24.08 | |
| 1.4 | QPSK | 3 | 3 | 24.06 | 24.16 | 24.02 | |
| 1.4 | QPSK | 6 | 0 | 23.11 | 23.17 | 23.05 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.36 | 23.47 | 23.29 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.45 | 23.46 | 23.36 | |
| 1.4 | 16QAM | 1 | 5 | 23.33 | 23.45 | 23.38 | |
| 1.4 | 16QAM | 3 | 0 | 23.17 | 23.22 | 23.11 | |
| 1.4 | 16QAM | 3 | 1 | 23.27 | 23.33 | 23.16 | |
| 1.4 | 16QAM | 3 | 3 | 23.14 | 23.20 | 23.10 | |
| 1.4 | 16QAM | 6 | 0 | 22.20 | 22.26 | 22.17 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.07 | 22.39 | 22.25 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.17 | 22.50 | 22.31 | |
| 1.4 | 64QAM | 1 | 5 | 22.08 | 22.36 | 22.24 | |
| 1.4 | 64QAM | 3 | 0 | 22.04 | 22.28 | 22.18 | |
| 1.4 | 64QAM | 3 | 1 | 22.16 | 22.39 | 22.25 | |
| 1.4 | 64QAM | 3 | 3 | 22.16 | 22.33 | 22.15 | |
| 1.4 | 64QAM | 6 | 0 | 21.03 | 21.23 | 21.09 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.63 | 19.40 | 19.85 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.64 | 19.61 | 19.75 | |
| 1.4 | 256QAM | 1 | 5 | 19.91 | 19.80 | 19.84 | |
| 1.4 | 256QAM | 3 | 0 | 19.52 | 19.51 | 19.57 | |
| 1.4 | 256QAM | 3 | 1 | 19.64 | 19.60 | 19.67 | |
| 1.4 | 256QAM | 3 | 3 | 19.64 | 19.67 | 19.79 | |
| 1.4 | 256QAM | 6 | 0 | 19.55 | 19.61 | 19.64 | 20.7 |

## Band 71_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 133222 | 133322 | 133372 | |
| Frequency (MHz) | | | | 673 | 683 | 688 | |
| 20 | QPSK | 1 | 0 | 24.65 | 24.57 | 24.52 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.58 | 24.53 | 24.51 | |
| 20 | QPSK | 1 | 99 | 24.51 | 24.53 | 24.50 | |
| 20 | QPSK | 50 | 0 | 23.69 | 23.66 | 23.58 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.71 | 23.61 | 23.61 | |
| 20 | QPSK | 50 | 50 | 23.70 | 23.64 | 23.63 | |
| 20 | QPSK | 100 | 0 | 23.70 | 23.60 | 23.58 | |
| 20 | 16QAM | 1 | 0 | 24.02 | 23.92 | 23.82 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.92 | 23.89 | 23.85 | |
| 20 | 16QAM | 1 | 99 | 23.89 | 23.86 | 23.85 | |
| 20 | 16QAM | 50 | 0 | 22.70 | 22.66 | 22.57 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.73 | 22.63 | 22.61 | |
| 20 | 16QAM | 50 | 50 | 22.70 | 22.66 | 22.64 | |
| 20 | 16QAM | 100 | 0 | 22.70 | 22.62 | 22.59 | |
| 20 | 64QAM | 1 | 0 | 22.82 | 22.75 | 22.74 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.81 | 22.69 | 22.71 | |
| 20 | 64QAM | 1 | 99 | 22.78 | 22.77 | 22.76 | |
| 20 | 64QAM | 50 | 0 | 21.58 | 21.67 | 21.61 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.73 | 21.65 | 21.65 | |
| 20 | 64QAM | 50 | 50 | 21.71 | 21.66 | 21.65 | |
| 20 | 64QAM | 100 | 0 | 21.74 | 21.62 | 21.62 | |
| 20 | 256QAM | 1 | 0 | 19.58 | 19.60 | 19.37 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.41 | 19.36 | 19.39 | |
| 20 | 256QAM | 1 | 99 | 19.45 | 19.55 | 19.55 | |
| 20 | 256QAM | 50 | 0 | 19.41 | 19.47 | 19.44 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.38 | 19.44 | 19.38 | |
| 20 | 256QAM | 50 | 50 | 19.40 | 19.36 | 19.29 | |
| 20 | 256QAM | 100 | 0 | 19.43 | 19.43 | 19.32 | |
| Channel | | | | 133197 | 133297 | 133397 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 24.64 | 24.57 | 24.53 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.50 | 24.53 | 24.52 | |
| 15 | QPSK | 1 | 74 | 24.53 | 24.58 | 24.53 | |
| 15 | QPSK | 36 | 0 | 23.68 | 23.64 | 23.60 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.71 | 23.69 | 23.69 | |
| 15 | QPSK | 36 | 39 | 23.64 | 23.63 | 23.61 | |
| 15 | QPSK | 75 | 0 | 23.72 | 23.69 | 23.69 | |
| 15 | 16QAM | 1 | 0 | 24.01 | 23.93 | 23.84 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.84 | 23.90 | 23.88 | |
| 15 | 16QAM | 1 | 74 | 23.82 | 23.92 | 23.84 | |
| 15 | 16QAM | 36 | 0 | 22.68 | 22.64 | 22.62 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.71 | 22.69 | 22.68 | |
| 15 | 16QAM | 36 | 39 | 22.64 | 22.62 | 22.63 | |
| 15 | 16QAM | 75 | 0 | 22.73 | 22.69 | 22.67 | |
| 15 | 64QAM | 1 | 0 | 22.47 | 22.79 | 22.75 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.63 | 22.78 | 22.78 | |
| 15 | 64QAM | 1 | 74 | 22.75 | 22.83 | 22.77 | |
| 15 | 64QAM | 36 | 0 | 21.48 | 21.69 | 21.63 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.52 | 21.71 | 21.71 | |
| 15 | 64QAM | 36 | 39 | 21.66 | 21.65 | 21.66 | |
| 15 | 64QAM | 75 | 0 | 21.70 | 21.70 | 21.68 | |
| 15 | 256QAM | 1 | 0 | 19.49 | 19.52 | 19.27 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.33 | 19.28 | 19.32 | |
| 15 | 256QAM | 1 | 74 | 19.40 | 19.51 | 19.52 | |
| 15 | 256QAM | 36 | 0 | 19.35 | 19.41 | 19.37 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.32 | 19.43 | 19.30 | |
| 15 | 256QAM | 36 | 39 | 19.30 | 19.36 | 19.25 | |
| 15 | 256QAM | 75 | 0 | 19.38 | 19.38 | 19.31 | |
| Channel | | | | 133172 | 133272 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 678 | 693 | |
| 10 | QPSK | 1 | 0 | 24.62 | 24.57 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.55 | 24.45 | 24.50 | |
| 10 | QPSK | 1 | 49 | 24.52 | 24.51 | 24.45 | |
| 10 | QPSK | 25 | 0 | 23.72 | 23.58 | 23.53 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.71 | 23.58 | 23.59 | |
| 10 | QPSK | 25 | 25 | 23.66 | 23.62 | 23.61 | |
| 10 | QPSK | 50 | 0 | 23.71 | 23.65 | 23.56 | |
| 10 | 16QAM | 1 | 0 | 24.05 | 23.91 | 23.84 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.93 | 23.86 | 23.89 | |
| 10 | 16QAM | 1 | 49 | 23.68 | 23.90 | 23.83 | |
| 10 | 16QAM | 25 | 0 | 22.72 | 22.55 | 22.54 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.71 | 22.57 | 22.54 | |
| 10 | 16QAM | 25 | 25 | 22.64 | 22.60 | 22.61 | |
| 10 | 16QAM | 50 | 0 | 22.71 | 22.63 | 22.54 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.78 | 22.73 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.58 | 22.79 | 22.80 | |
| 10 | 64QAM | 1 | 49 | 22.66 | 22.81 | 22.71 | |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.59 | 21.60 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.60 | 21.62 | |
| 10 | 64QAM | 25 | 25 | 21.28 | 21.65 | 21.64 | |
| 10 | 64QAM | 50 | 0 | 21.41 | 21.66 | 21.57 | |
| 10 | 256QAM | 1 | 0 | 19.55 | 19.57 | 19.36 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.38 | 19.28 | 19.34 | |
| 10 | 256QAM | 1 | 49 | 19.37 | 19.45 | 19.55 | |
| 10 | 256QAM | 25 | 0 | 19.34 | 19.42 | 19.37 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.32 | 19.35 | 19.32 | |
| 10 | 256QAM | 25 | 25 | 19.40 | 19.28 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.36 | 19.33 | 19.22 | |
| Channel | | | | 133147 | 133247 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 675.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 24.60 | 24.57 | 24.58 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.61 | 24.54 | 24.56 | |
| 5 | QPSK | 1 | 24 | 24.56 | 24.54 | 24.47 | |
| 5 | QPSK | 12 | 0 | 23.79 | 23.63 | 23.64 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.73 | 23.64 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.66 | 23.60 | 23.61 | |
| 5 | QPSK | 25 | 0 | 23.70 | 23.64 | 23.59 | |
| 5 | 16QAM | 1 | 0 | 24.02 | 23.92 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.95 | 23.90 | 23.88 | |
| 5 | 16QAM | 1 | 24 | 23.89 | 23.86 | 23.83 | |
| 5 | 16QAM | 12 | 0 | 22.82 | 22.66 | 22.68 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.68 | 22.70 | |
| 5 | 16QAM | 12 | 13 | 22.69 | 22.61 | 22.61 | |
| 5 | 16QAM | 25 | 0 | 22.73 | 22.65 | 22.62 | |
| 5 | 64QAM | 1 | 0 | 22.23 | 22.90 | 22.79 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.48 | 22.85 | 22.81 | |
| 5 | 64QAM | 1 | 24 | 22.47 | 22.83 | 22.78 | |
| 5 | 64QAM | 12 | 0 | 21.34 | 21.70 | 21.71 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.49 | 21.70 | 21.73 | |
| 5 | 64QAM | 12 | 13 | 21.38 | 21.64 | 21.65 | |
| 5 | 64QAM | 25 | 0 | 21.31 | 21.67 | 21.62 | |
| 5 | 256QAM | 1 | 0 | 19.55 | 19.52 | 19.31 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.37 | 19.28 | 19.36 | |
| 5 | 256QAM | 1 | 24 | 19.36 | 19.47 | 19.55 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.45 | 19.34 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.39 | 19.32 | |
| 5 | 256QAM | 12 | 13 | 19.36 | 19.36 | 19.20 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.35 | 19.31 | |

## Band 2_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 23.55 | 23.59 | 23.70 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.51 | 23.65 | 23.64 | |
| 20 | QPSK | 1 | 99 | 23.55 | 23.61 | 23.62 | |
| 20 | QPSK | 50 | 0 | 22.57 | 22.71 | 22.71 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.67 | 22.73 | 22.73 | |
| 20 | QPSK | 50 | 50 | 22.65 | 22.77 | 22.84 | |
| 20 | QPSK | 100 | 0 | 22.68 | 22.69 | 22.74 | |
| 20 | 16QAM | 1 | 0 | 22.96 | 22.95 | 22.98 | 24.5 |
| 20 | 16QAM | 1 | 49 | 22.84 | 22.98 | 22.94 | |
| 20 | 16QAM | 1 | 99 | 22.84 | 22.90 | 22.91 | |
| 20 | 16QAM | 50 | 0 | 21.60 | 21.72 | 21.72 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.68 | 21.75 | 21.77 | |
| 20 | 16QAM | 50 | 50 | 21.66 | 21.78 | 21.83 | |
| 20 | 16QAM | 100 | 0 | 21.65 | 21.68 | 21.75 | |
| 20 | 64QAM | 1 | 0 | 22.73 | 21.80 | 21.88 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.72 | 21.87 | 21.33 | |
| 20 | 64QAM | 1 | 99 | 22.82 | 21.79 | 21.82 | |
| 20 | 64QAM | 50 | 0 | 21.58 | 20.73 | 20.74 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.66 | 20.77 | 20.50 | |
| 20 | 64QAM | 50 | 50 | 21.64 | 20.80 | 20.76 | |
| 20 | 64QAM | 100 | 0 | 21.65 | 20.74 | 20.60 | |
| 20 | 256QAM | 1 | 0 | 18.70 | 18.84 | 18.90 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.81 | 18.99 | 18.96 | |
| 20 | 256QAM | 1 | 99 | 18.86 | 18.97 | 19.03 | |
| 20 | 256QAM | 50 | 0 | 18.64 | 18.75 | 18.80 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.76 | 18.80 | 18.85 | |
| 20 | 256QAM | 50 | 50 | 18.83 | 18.86 | 18.96 | |
| 20 | 256QAM | 100 | 0 | 18.76 | 18.81 | 18.86 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 23.54 | 23.59 | 23.68 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.51 | 23.62 | 23.58 | |
| 15 | QPSK | 1 | 74 | 23.52 | 23.59 | 23.54 | |
| 15 | QPSK | 36 | 0 | 22.56 | 22.69 | 22.64 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.67 | 22.63 | 22.65 | |
| 15 | QPSK | 36 | 39 | 22.59 | 22.69 | 22.76 | |
| 15 | QPSK | 75 | 0 | 22.62 | 22.65 | 22.69 | |
| 15 | 16QAM | 1 | 0 | 22.90 | 22.88 | 22.88 | 24.5 |
| 15 | 16QAM | 1 | 37 | 22.83 | 22.96 | 22.91 | |
| 15 | 16QAM | 1 | 74 | 22.81 | 22.89 | 22.82 | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.64 | 21.64 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.60 | 21.73 | 21.76 | |
| 15 | 16QAM | 36 | 39 | 21.60 | 21.70 | 21.76 | |
| 15 | 16QAM | 75 | 0 | 21.60 | 21.58 | 21.71 | |
| 15 | 64QAM | 1 | 0 | 22.65 | 21.72 | 21.83 | 23.5 |
| 15 | 64QAM | 1 | 37 | 22.72 | 21.82 | 21.55 | |
| 15 | 64QAM | 1 | 74 | 22.81 | 21.79 | 21.80 | |
| 15 | 64QAM | 36 | 0 | 21.51 | 20.63 | 20.71 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.65 | 20.74 | 20.58 | |
| 15 | 64QAM | 36 | 39 | 21.56 | 20.70 | 20.74 | |
| 15 | 64QAM | 75 | 0 | 21.55 | 20.66 | 20.59 | |
| 15 | 256QAM | 1 | 0 | 18.60 | 18.75 | 18.85 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.71 | 18.90 | 18.95 | |
| 15 | 256QAM | 1 | 74 | 18.79 | 18.89 | 18.95 | |
| 15 | 256QAM | 36 | 0 | 18.57 | 18.70 | 18.76 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.74 | 18.79 | 18.85 | |
| 15 | 256QAM | 36 | 39 | 18.75 | 18.78 | 18.86 | |
| 15 | 256QAM | 75 | 0 | 18.72 | 18.80 | 18.85 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 23.53 | 23.51 | 23.69 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.51 | 23.58 | 23.55 | |
| 10 | QPSK | 1 | 49 | 23.52 | 23.57 | 23.62 | |
| 10 | QPSK | 25 | 0 | 22.53 | 22.63 | 22.62 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.64 | 22.64 | 22.66 | |
| 10 | QPSK | 25 | 25 | 22.63 | 22.71 | 22.83 | |
| 10 | QPSK | 50 | 0 | 22.59 | 22.67 | 22.64 | |
| 10 | 16QAM | 1 | 0 | 22.95 | 22.93 | 22.96 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.78 | 22.98 | 22.90 | |
| 10 | 16QAM | 1 | 49 | 22.75 | 22.85 | 22.89 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.62 | 21.67 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.63 | 21.70 | 21.70 | |
| 10 | 16QAM | 25 | 25 | 21.64 | 21.74 | 21.74 | |
| 10 | 16QAM | 50 | 0 | 21.62 | 21.61 | 21.74 | |
| 10 | 64QAM | 1 | 0 | 22.67 | 21.72 | 21.84 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.70 | 21.84 | 21.52 | |
| 10 | 64QAM | 1 | 49 | 22.73 | 21.72 | 21.74 | |
| 10 | 64QAM | 25 | 0 | 21.52 | 20.66 | 20.71 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.59 | 20.69 | 20.52 | |
| 10 | 64QAM | 25 | 25 | 21.60 | 20.73 | 20.70 | |
| 10 | 64QAM | 50 | 0 | 21.59 | 20.65 | 20.56 | |
| 10 | 256QAM | 1 | 0 | 18.62 | 18.81 | 18.89 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.73 | 18.96 | 18.95 | |
| 10 | 256QAM | 1 | 49 | 18.76 | 18.97 | 18.94 | |
| 10 | 256QAM | 25 | 0 | 18.54 | 18.75 | 18.80 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.73 | 18.77 | 18.83 | |
| 10 | 256QAM | 25 | 25 | 18.76 | 18.81 | 18.95 | |
| 10 | 256QAM | 50 | 0 | 18.67 | 18.79 | 18.83 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 23.55 | 23.56 | 23.66 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.57 | 23.62 | |
| 5 | QPSK | 1 | 24 | 23.54 | 23.54 | 23.61 | |
| 5 | QPSK | 12 | 0 | 22.53 | 22.63 | 22.61 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.57 | 22.63 | 22.67 | |
| 5 | QPSK | 12 | 13 | 22.65 | 22.76 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.63 | 22.68 | 22.74 | |
| 5 | 16QAM | 1 | 0 | 22.93 | 22.89 | 22.98 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.81 | 22.93 | 22.91 | |
| 5 | 16QAM | 1 | 24 | 22.81 | 22.82 | 22.86 | |
| 5 | 16QAM | 12 | 0 | 21.59 | 21.71 | 21.67 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.64 | 21.73 | 21.75 | |
| 5 | 16QAM | 12 | 13 | 21.63 | 21.68 | 21.77 | |
| 5 | 16QAM | 25 | 0 | 21.58 | 21.60 | 21.69 | |
| 5 | 64QAM | 1 | 0 | 22.71 | 21.79 | 21.86 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.69 | 21.82 | 21.53 | |
| 5 | 64QAM | 1 | 24 | 22.75 | 21.71 | 21.81 | |
| 5 | 64QAM | 12 | 0 | 21.50 | 20.68 | 20.66 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.60 | 20.69 | 20.50 | |
| 5 | 64QAM | 12 | 13 | 21.63 | 20.70 | 20.67 | |
| 5 | 64QAM | 25 | 0 | 21.62 | 20.72 | 20.57 | |
| 5 | 256QAM | 1 | 0 | 18.70 | 18.80 | 18.88 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.94 | 18.88 | |
| 5 | 256QAM | 1 | 24 | 18.80 | 18.87 | 19.03 | |
| 5 | 256QAM | 12 | 0 | 18.62 | 18.74 | 18.78 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.68 | 18.79 | 18.77 | |
| 5 | 256QAM | 12 | 13 | 18.80 | 18.83 | 18.88 | |
| 5 | 256QAM | 25 | 0 | 18.76 | 18.77 | 18.83 | |
| Channel | | | | 18575 | 18900 | 19225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 23.56 | 23.50 | 23.66 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.51 | 23.65 | 23.57 | |
| 3 | QPSK | 1 | 14 | 23.51 | 23.52 | 23.54 | |
| 3 | QPSK | 8 | 0 | 22.52 | 22.70 | 22.69 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.67 | 22.70 | 22.69 | |
| 3 | QPSK | 8 | 7 | 22.64 | 22.76 | 22.78 | |
| 3 | QPSK | 15 | 0 | 22.61 | 22.67 | 22.67 | |
| 3 | 16QAM | 1 | 0 | 22.91 | 22.91 | 22.96 | 24.5 |
| 3 | 16QAM | 1 | 8 | 22.81 | 22.89 | 22.88 | |
| 3 | 16QAM | 1 | 14 | 22.83 | 22.87 | 22.85 | |
| 3 | 16QAM | 8 | 0 | 21.55 | 21.66 | 21.72 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.62 | 21.66 | 21.76 | |
| 3 | 16QAM | 8 | 7 | 21.59 | 21.71 | 21.76 | |
| 3 | 16QAM | 15 | 0 | 21.55 | 21.62 | 21.72 | |
| 3 | 64QAM | 1 | 0 | 22.70 | 21.80 | 21.80 | 23.5 |
| 3 | 64QAM | 1 | 8 | 22.66 | 21.79 | 21.53 | |
| 3 | 64QAM | 1 | 14 | 22.82 | 21.79 | 21.73 | |
| 3 | 64QAM | 8 | 0 | 21.52 | 20.73 | 20.67 | 22.5 |
| 3 | 64QAM | 8 | 4 | 21.56 | 20.73 | 21.58 | |
| 3 | 64QAM | 8 | 7 | 21.57 | 20.78 | 20.69 | |
| 3 | 64QAM | 15 | 0 | 21.63 | 20.74 | 20.54 | |
| 3 | 256QAM | 1 | 0 | 18.70 | 18.81 | 18.88 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.81 | 18.95 | 18.95 | |
| 3 | 256QAM | 1 | 14 | 18.83 | 18.94 | 19.03 | |
| 3 | 256QAM | 8 | 0 | 18.59 | 18.66 | 18.70 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.74 | 18.72 | 18.75 | |
| 3 | 256QAM | 8 | 7 | 18.74 | 18.84 | 18.91 | |
| 3 | 256QAM | 15 | 0 | 18.71 | 18.80 | 18.84 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 23.51 | 23.52 | 23.57 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.56 | 23.61 | 23.63 | |
| 1.4 | QPSK | 1 | 5 | 23.50 | 23.57 | 23.58 | |
| 1.4 | QPSK | 3 | 0 | 23.55 | 23.54 | 23.61 | |
| 1.4 | QPSK | 3 | 1 | 23.58 | 23.65 | 23.66 | |
| 1.4 | QPSK | 3 | 3 | 23.53 | 23.60 | 23.63 | |
| 1.4 | QPSK | 6 | 0 | 22.59 | 22.56 | 22.72 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.72 | 22.79 | 22.95 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 22.80 | 22.95 | 22.96 | |
| 1.4 | 16QAM | 1 | 5 | 22.74 | 22.85 | 22.92 | |
| 1.4 | 16QAM | 3 | 0 | 22.51 | 22.62 | 22.69 | |
| 1.4 | 16QAM | 3 | 1 | 22.58 | 22.71 | 22.74 | |
| 1.4 | 16QAM | 3 | 3 | 22.50 | 22.66 | 22.66 | |
| 1.4 | 16QAM | 6 | 0 | 21.57 | 21.68 | 21.70 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.68 | 21.76 | 21.94 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.70 | 21.86 | 21.89 | |
| 1.4 | 64QAM | 1 | 5 | 21.62 | 21.82 | 21.83 | |
| 1.4 | 64QAM | 3 | 0 | 21.64 | 21.71 | 21.82 | |
| 1.4 | 64QAM | 3 | 1 | 21.67 | 21.84 | 21.87 | |
| 1.4 | 64QAM | 3 | 3 | 21.64 | 21.78 | 21.80 | |
| 1.4 | 64QAM | 6 | 0 | 20.51 | 20.60 | 20.74 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.63 | 18.60 | 18.62 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.64 | 18.67 | 18.68 | |
| 1.4 | 256QAM | 1 | 5 | 18.67 | 18.67 | 18.60 | |
| 1.4 | 256QAM | 3 | 0 | 18.65 | 18.68 | 18.61 | |
| 1.4 | 256QAM | 3 | 1 | 18.62 | 18.65 | 18.66 | |
| 1.4 | 256QAM | 3 | 3 | 18.64 | 18.69 | 18.67 | |
| 1.4 | 256QAM | 6 | 0 | 18.66 | 18.67 | 18.67 | 20.5 |

## Band 4_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 23.99 | 24.00 | 23.98 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.82 | 23.81 | 23.78 | |
| 20 | QPSK | 1 | 99 | 23.78 | 23.79 | 23.72 | |
| 20 | QPSK | 50 | 0 | 23.01 | 23.03 | 22.98 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.03 | 22.94 | 22.91 | |
| 20 | QPSK | 50 | 50 | 22.95 | 22.90 | 22.89 | |
| 20 | QPSK | 100 | 0 | 23.00 | 22.97 | 22.87 | |
| 20 | 16QAM | 1 | 0 | 23.34 | 23.29 | 23.33 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.17 | 23.19 | 23.11 | |
| 20 | 16QAM | 1 | 99 | 23.15 | 23.09 | 23.04 | |
| 20 | 16QAM | 50 | 0 | 22.02 | 22.03 | 21.98 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.05 | 21.96 | 21.90 | |
| 20 | 16QAM | 50 | 50 | 21.98 | 21.94 | 21.90 | |
| 20 | 16QAM | 100 | 0 | 22.01 | 21.96 | 21.90 | |
| 20 | 64QAM | 1 | 0 | 21.23 | 22.22 | 22.06 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.03 | 22.01 | 22.02 | |
| 20 | 64QAM | 1 | 99 | 22.04 | 21.91 | 21.98 | |
| 20 | 64QAM | 50 | 0 | 20.86 | 21.07 | 20.83 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.05 | 20.99 | 20.94 | |
| 20 | 64QAM | 50 | 50 | 21.00 | 20.86 | 20.93 | |
| 20 | 64QAM | 100 | 0 | 21.08 | 20.97 | 20.92 | |
| 20 | 256QAM | 1 | 0 | 19.01 | 18.86 | 19.02 | 20.5 |
| 20 | 256QAM | 1 | 49 | 19.04 | 18.86 | 18.81 | |
| 20 | 256QAM | 1 | 99 | 19.10 | 19.01 | 18.99 | |
| 20 | 256QAM | 50 | 0 | 18.94 | 18.91 | 18.88 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.91 | 18.90 | 18.86 | |
| 20 | 256QAM | 50 | 50 | 18.94 | 18.97 | 18.88 | |
| 20 | 256QAM | 100 | 0 | 19.07 | 18.93 | 18.91 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 23.90 | 23.95 | 23.95 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.80 | 23.78 | 23.78 | |
| 15 | QPSK | 1 | 74 | 23.75 | 23.70 | 23.70 | |
| 15 | QPSK | 36 | 0 | 23.00 | 23.01 | 22.98 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.02 | 22.93 | 22.89 | |
| 15 | QPSK | 36 | 39 | 22.91 | 22.89 | 22.85 | |
| 15 | QPSK | 75 | 0 | 22.90 | 22.90 | 22.89 | |
| 15 | 16QAM | 1 | 0 | 23.34 | 23.27 | 23.31 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.11 | 23.11 | 23.04 | |
| 15 | 16QAM | 1 | 74 | 23.06 | 23.04 | 22.98 | |
| 15 | 16QAM | 36 | 0 | 21.95 | 21.97 | 21.91 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.96 | 21.88 | 21.85 | |
| 15 | 16QAM | 36 | 39 | 21.90 | 21.88 | 21.85 | |
| 15 | 16QAM | 75 | 0 | 21.99 | 21.96 | 21.82 | |
| 15 | 64QAM | 1 | 0 | 21.21 | 22.13 | 22.02 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.94 | 22.00 | 21.95 | |
| 15 | 64QAM | 1 | 74 | 22.02 | 21.86 | 21.98 | |
| 15 | 64QAM | 36 | 0 | 20.80 | 21.02 | 20.81 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.04 | 20.93 | 20.87 | |
| 15 | 64QAM | 36 | 39 | 20.92 | 20.85 | 20.84 | |
| 15 | 64QAM | 75 | 0 | 20.99 | 20.92 | 20.86 | |
| 15 | 256QAM | 1 | 0 | 18.93 | 18.86 | 19.01 | 20.5 |
| 15 | 256QAM | 1 | 37 | 19.03 | 18.76 | 18.80 | |
| 15 | 256QAM | 1 | 74 | 19.00 | 18.97 | 18.93 | |
| 15 | 256QAM | 36 | 0 | 18.84 | 18.89 | 18.78 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.82 | 18.87 | 18.76 | |
| 15 | 256QAM | 36 | 39 | 18.90 | 18.94 | 18.84 | |
| 15 | 256QAM | 75 | 0 | 19.01 | 18.89 | 18.83 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 23.93 | 23.95 | 23.98 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.72 | 23.78 | 23.78 | |
| 10 | QPSK | 1 | 49 | 23.72 | 23.77 | 23.67 | |
| 10 | QPSK | 25 | 0 | 22.92 | 23.03 | 22.90 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.95 | 22.88 | 22.84 | |
| 10 | QPSK | 25 | 25 | 22.88 | 22.85 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.95 | 22.89 | 22.82 | |
| 10 | 16QAM | 1 | 0 | 23.26 | 23.25 | 23.32 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.15 | 23.12 | 23.09 | |
| 10 | 16QAM | 1 | 49 | 23.12 | 23.09 | 22.98 | |
| 10 | 16QAM | 25 | 0 | 21.98 | 21.93 | 21.97 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.04 | 21.96 | 21.82 | |
| 10 | 16QAM | 25 | 25 | 21.95 | 21.87 | 21.90 | |
| 10 | 16QAM | 50 | 0 | 21.91 | 21.86 | 21.82 | |
| 10 | 64QAM | 1 | 0 | 21.21 | 22.19 | 22.02 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.00 | 21.92 | 21.96 | |
| 10 | 64QAM | 1 | 49 | 22.00 | 21.82 | 21.96 | |
| 10 | 64QAM | 25 | 0 | 20.83 | 21.03 | 20.83 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.02 | 20.99 | 20.94 | |
| 10 | 64QAM | 25 | 25 | 20.96 | 20.85 | 20.88 | |
| 10 | 64QAM | 50 | 0 | 20.98 | 20.89 | 20.86 | |
| 10 | 256QAM | 1 | 0 | 18.94 | 18.80 | 18.98 | 20.5 |
| 10 | 256QAM | 1 | 25 | 19.04 | 18.80 | 18.80 | |
| 10 | 256QAM | 1 | 49 | 19.02 | 18.91 | 18.92 | |
| 10 | 256QAM | 25 | 0 | 18.94 | 18.85 | 18.87 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.83 | 18.89 | 18.83 | |
| 10 | 256QAM | 25 | 25 | 18.94 | 18.93 | 18.84 | |
| 10 | 256QAM | 50 | 0 | 19.00 | 18.92 | 18.91 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 23.97 | 23.98 | 23.88 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.81 | 23.80 | 23.78 | |
| 5 | QPSK | 1 | 24 | 23.70 | 23.74 | 23.64 | |
| 5 | QPSK | 12 | 0 | 22.93 | 22.94 | 22.98 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.94 | 22.93 | 22.84 | |
| 5 | QPSK | 12 | 13 | 22.93 | 22.84 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.90 | 22.90 | 22.86 | |
| 5 | 16QAM | 1 | 0 | 23.27 | 23.23 | 23.29 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.13 | 23.18 | 23.08 | |
| 5 | 16QAM | 1 | 24 | 23.09 | 23.00 | 23.00 | |
| 5 | 16QAM | 12 | 0 | 21.95 | 21.98 | 21.93 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.04 | 21.89 | 21.86 | |
| 5 | 16QAM | 12 | 13 | 21.96 | 21.90 | 21.89 | |
| 5 | 16QAM | 25 | 0 | 21.97 | 21.96 | 21.86 | |
| 5 | 64QAM | 1 | 0 | 21.16 | 22.20 | 22.04 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.99 | 21.97 | 22.01 | |
| 5 | 64QAM | 1 | 24 | 22.03 | 21.85 | 21.90 | |
| 5 | 64QAM | 12 | 0 | 20.86 | 21.00 | 20.80 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.02 | 20.89 | 20.88 | |
| 5 | 64QAM | 12 | 13 | 21.00 | 20.76 | 20.83 | |
| 5 | 64QAM | 25 | 0 | 21.00 | 20.92 | 20.85 | |
| 5 | 256QAM | 1 | 0 | 19.01 | 18.79 | 19.02 | 20.5 |
| 5 | 256QAM | 1 | 12 | 19.04 | 18.77 | 18.74 | |
| 5 | 256QAM | 1 | 24 | 19.04 | 18.92 | 18.89 | |
| 5 | 256QAM | 12 | 0 | 18.87 | 18.90 | 18.80 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.89 | 18.88 | 18.83 | |
| 5 | 256QAM | 12 | 13 | 18.86 | 18.88 | 18.86 | |
| 5 | 256QAM | 25 | 0 | 19.04 | 18.93 | 18.83 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 23.89 | 23.93 | 23.98 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.81 | 23.80 | 23.71 | |
| 3 | QPSK | 1 | 14 | 23.78 | 23.79 | 23.67 | |
| 3 | QPSK | 8 | 0 | 22.99 | 23.03 | 22.90 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.98 | 22.91 | 22.85 | |
| 3 | QPSK | 8 | 7 | 22.89 | 22.80 | 22.83 | |
| 3 | QPSK | 15 | 0 | 22.91 | 22.97 | 22.85 | |
| 3 | 16QAM | 1 | 0 | 23.32 | 23.24 | 23.24 | 24.5 |
| 3 | 16QAM | 1 | 8 | 23.13 | 23.15 | 23.04 | |
| 3 | 16QAM | 1 | 14 | 23.07 | 23.03 | 22.94 | |
| 3 | 16QAM | 8 | 0 | 22.01 | 22.01 | 21.91 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.95 | 21.95 | 21.83 | |
| 3 | 16QAM | 8 | 7 | 21.95 | 21.86 | 21.84 | |
| 3 | 16QAM | 15 | 0 | 21.92 | 21.94 | 21.83 | |
| 3 | 64QAM | 1 | 0 | 21.16 | 22.17 | 22.02 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.99 | 21.96 | 21.98 | |
| 3 | 64QAM | 1 | 14 | 22.03 | 21.89 | 21.88 | |
| 3 | 64QAM | 8 | 0 | 20.81 | 20.97 | 20.82 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.99 | 20.92 | 20.93 | |
| 3 | 64QAM | 8 | 7 | 20.95 | 20.76 | 20.88 | |
| 3 | 64QAM | 15 | 0 | 21.06 | 20.92 | 20.85 | |
| 3 | 256QAM | 1 | 0 | 19.01 | 18.85 | 18.95 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.98 | 18.79 | 18.79 | |
| 3 | 256QAM | 1 | 14 | 19.03 | 18.93 | 18.96 | |
| 3 | 256QAM | 8 | 0 | 18.89 | 18.89 | 18.87 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.90 | 18.84 | 18.81 | |
| 3 | 256QAM | 8 | 7 | 18.93 | 18.89 | 18.87 | |
| 3 | 256QAM | 15 | 0 | 19.01 | 18.91 | 18.82 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 23.72 | 23.83 | 23.75 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.81 | 23.88 | 23.84 | |
| 1.4 | QPSK | 1 | 5 | 23.76 | 23.82 | 23.76 | |
| 1.4 | QPSK | 3 | 0 | 23.76 | 23.84 | 23.80 | |
| 1.4 | QPSK | 3 | 1 | 23.84 | 23.86 | 23.82 | |
| 1.4 | QPSK | 3 | 3 | 23.77 | 23.86 | 23.80 | |
| 1.4 | QPSK | 6 | 0 | 22.82 | 22.88 | 22.87 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.99 | 23.14 | 23.07 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 23.12 | 23.21 | 23.15 | |
| 1.4 | 16QAM | 1 | 5 | 23.08 | 23.14 | 23.10 | |
| 1.4 | 16QAM | 3 | 0 | 22.87 | 22.92 | 22.89 | |
| 1.4 | 16QAM | 3 | 1 | 22.92 | 22.99 | 22.92 | |
| 1.4 | 16QAM | 3 | 3 | 22.91 | 22.91 | 22.88 | |
| 1.4 | 16QAM | 6 | 0 | 22.01 | 21.95 | 21.94 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.03 | 22.03 | 22.01 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.12 | 22.14 | 22.12 | |
| 1.4 | 64QAM | 1 | 5 | 21.08 | 22.05 | 22.04 | |
| 1.4 | 64QAM | 3 | 0 | 21.06 | 22.04 | 22.00 | |
| 1.4 | 64QAM | 3 | 1 | 21.20 | 22.08 | 22.04 | |
| 1.4 | 64QAM | 3 | 3 | 21.14 | 22.07 | 22.00 | |
| 1.4 | 64QAM | 6 | 0 | 20.02 | 20.93 | 20.86 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.98 | 18.76 | 19.01 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.94 | 18.79 | 18.78 | |
| 1.4 | 256QAM | 1 | 5 | 19.08 | 18.94 | 18.91 | |
| 1.4 | 256QAM | 3 | 0 | 18.86 | 18.85 | 18.87 | |
| 1.4 | 256QAM | 3 | 1 | 18.84 | 18.84 | 18.81 | |
| 1.4 | 256QAM | 3 | 3 | 18.87 | 18.95 | 18.85 | |
| 1.4 | 256QAM | 6 | 0 | 19.06 | 18.83 | 18.85 | 20.5 |

## Band 5_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.47 | 23.57 | 23.64 | |
| 10 | QPSK | 1 | 25 | 23.51 | 23.56 | 23.53 | 25 |
| 10 | QPSK | 1 | 49 | 23.58 | 23.53 | 23.45 | |
| 10 | QPSK | 25 | 0 | 22.63 | 22.66 | 22.63 | |
| 10 | QPSK | 25 | 12 | 22.72 | 22.67 | 22.62 | 24 |
| 10 | QPSK | 25 | 25 | 22.68 | 22.70 | 22.64 | |
| 10 | QPSK | 50 | 0 | 22.72 | 22.66 | 22.59 | |
| 10 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.97 | |
| 10 | 16QAM | 1 | 25 | 22.92 | 22.98 | 22.92 | 24 |
| 10 | 16QAM | 1 | 49 | 22.96 | 22.93 | 22.83 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.65 | 21.58 | |
| 10 | 16QAM | 25 | 12 | 21.71 | 21.67 | 21.63 | 23 |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.71 | 21.62 | |
| 10 | 16QAM | 50 | 0 | 21.70 | 21.64 | 21.62 | |
| 10 | 64QAM | 1 | 0 | 21.74 | 21.77 | 21.81 | |
| 10 | 64QAM | 1 | 25 | 21.86 | 21.90 | 21.75 | 23 |
| 10 | 64QAM | 1 | 49 | 21.87 | 21.83 | 21.17 | |
| 10 | 64QAM | 25 | 0 | 20.66 | 20.69 | 20.66 | |
| 10 | 64QAM | 25 | 12 | 20.77 | 20.72 | 20.67 | 22 |
| 10 | 64QAM | 25 | 25 | 20.71 | 20.74 | 20.45 | |
| 10 | 64QAM | 50 | 0 | 20.73 | 20.69 | 20.66 | |
| 10 | 256QAM | 1 | 0 | 18.48 | 18.63 | 18.58 | |
| 10 | 256QAM | 1 | 25 | 18.53 | 18.50 | 18.61 | 20 |
| 10 | 256QAM | 1 | 49 | 18.50 | 18.63 | 18.54 | |
| 10 | 256QAM | 25 | 0 | 18.47 | 18.48 | 18.45 | |
| 10 | 256QAM | 25 | 12 | 18.49 | 18.42 | 18.39 | 20 |
| 10 | 256QAM | 25 | 25 | 18.36 | 18.48 | 18.48 | |
| 10 | 256QAM | 50 | 0 | 18.51 | 18.49 | 18.44 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.61 | 23.62 | 23.60 | |
| 5 | QPSK | 1 | 12 | 23.60 | 23.63 | 23.62 | 25 |
| 5 | QPSK | 1 | 24 | 23.57 | 23.59 | 23.53 | |
| 5 | QPSK | 12 | 0 | 22.83 | 22.73 | 22.65 | |
| 5 | QPSK | 12 | 7 | 22.70 | 22.74 | 22.58 | 24 |
| 5 | QPSK | 12 | 13 | 22.65 | 22.67 | 22.57 | |
| 5 | QPSK | 25 | 0 | 22.68 | 22.72 | 22.59 | |
| 5 | 16QAM | 1 | 0 | 22.94 | 23.01 | 22.93 | |
| 5 | 16QAM | 1 | 12 | 22.92 | 22.99 | 22.84 | 24 |
| 5 | 16QAM | 1 | 24 | 22.94 | 22.96 | 22.80 | |
| 5 | 16QAM | 12 | 0 | 21.67 | 21.75 | 21.67 | |
| 5 | 16QAM | 12 | 7 | 21.71 | 21.77 | 21.61 | 23 |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.69 | 21.58 | |
| 5 | 16QAM | 25 | 0 | 21.72 | 21.74 | 21.60 | |
| 5 | 64QAM | 1 | 0 | 21.86 | 21.95 | 21.86 | |
| 5 | 64QAM | 1 | 12 | 21.83 | 21.90 | 21.28 | 23 |
| 5 | 64QAM | 1 | 24 | 21.88 | 21.91 | 21.09 | |
| 5 | 64QAM | 12 | 0 | 20.74 | 20.80 | 20.55 | |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.81 | 20.29 | 22 |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.75 | 20.28 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.76 | 20.33 | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.58 | 18.58 | |
| 5 | 256QAM | 1 | 12 | 18.50 | 18.40 | 18.53 | 20 |
| 5 | 256QAM | 1 | 24 | 18.50 | 18.53 | 18.46 | |
| 5 | 256QAM | 12 | 0 | 18.40 | 18.44 | 18.40 | |
| 5 | 256QAM | 12 | 7 | 18.44 | 18.37 | 18.36 | 20 |
| 5 | 256QAM | 12 | 13 | 18.35 | 18.39 | 18.46 | |
| 5 | 256QAM | 25 | 0 | 18.43 | 18.45 | 18.39 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.39 | 23.47 | 23.61 | |
| 3 | QPSK | 1 | 8 | 23.49 | 23.53 | 23.46 | 25 |
| 3 | QPSK | 1 | 14 | 23.51 | 23.51 | 23.42 | |
| 3 | QPSK | 8 | 0 | 22.55 | 22.58 | 22.58 | |
| 3 | QPSK | 8 | 4 | 22.68 | 22.58 | 22.54 | 24 |
| 3 | QPSK | 8 | 7 | 22.63 | 22.65 | 22.58 | |
| 3 | QPSK | 15 | 0 | 22.62 | 22.60 | 22.50 | |
| 3 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.90 | |
| 3 | 16QAM | 1 | 8 | 22.87 | 22.97 | 22.86 | 24 |
| 3 | 16QAM | 1 | 14 | 22.94 | 22.90 | 22.73 | |
| 3 | 16QAM | 8 | 0 | 21.56 | 21.59 | 21.57 | |
| 3 | 16QAM | 8 | 4 | 21.64 | 21.62 | 21.63 | 23 |
| 3 | 16QAM | 8 | 7 | 21.61 | 21.66 | 21.57 | |
| 3 | 16QAM | 15 | 0 | 21.69 | 21.54 | 21.52 | |
| 3 | 64QAM | 1 | 0 | 21.65 | 21.67 | 21.74 | |
| 3 | 64QAM | 1 | 8 | 21.78 | 21.83 | 21.69 | 23 |
| 3 | 64QAM | 1 | 14 | 21.81 | 21.79 | 21.16 | |
| 3 | 64QAM | 8 | 0 | 20.61 | 20.60 | 20.61 | |
| 3 | 64QAM | 8 | 4 | 20.76 | 20.72 | 20.60 | 22 |
| 3 | 64QAM | 8 | 7 | 20.63 | 20.72 | 20.41 | |
| 3 | 64QAM | 15 | 0 | 20.65 | 20.59 | 20.59 | |
| 3 | 256QAM | 1 | 0 | 18.40 | 18.61 | 18.49 | |
| 3 | 256QAM | 1 | 8 | 18.43 | 18.47 | 18.51 | 20 |
| 3 | 256QAM | 1 | 14 | 18.45 | 18.63 | 18.45 | |
| 3 | 256QAM | 8 | 0 | 18.39 | 18.44 | 18.36 | |
| 3 | 256QAM | 8 | 4 | 18.46 | 18.37 | 18.39 | 20 |
| 3 | 256QAM | 8 | 7 | 18.34 | 18.42 | 18.43 | |
| 3 | 256QAM | 15 | 0 | 18.46 | 18.44 | 18.35 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.45 | 23.52 | 23.43 | |
| 1.4 | QPSK | 1 | 3 | 23.54 | 23.58 | 23.49 | |
| 1.4 | QPSK | 1 | 5 | 23.47 | 23.51 | 23.39 | 25 |
| 1.4 | QPSK | 3 | 0 | 23.53 | 23.52 | 23.47 | |
| 1.4 | QPSK | 3 | 1 | 23.57 | 23.62 | 23.50 | |
| 1.4 | QPSK | 3 | 3 | 23.53 | 23.57 | 23.48 | |
| 1.4 | QPSK | 6 | 0 | 22.58 | 22.64 | 22.51 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.79 | 22.84 | 22.78 | |
| 1.4 | 16QAM | 1 | 3 | 22.89 | 22.94 | 22.77 | |
| 1.4 | 16QAM | 1 | 5 | 22.82 | 22.86 | 22.72 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.63 | 22.64 | 22.54 | |
| 1.4 | 16QAM | 3 | 1 | 22.69 | 22.72 | 22.59 | |
| 1.4 | 16QAM | 3 | 3 | 22.61 | 22.63 | 22.49 | |
| 1.4 | 16QAM | 6 | 0 | 21.64 | 21.71 | 21.58 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.74 | 21.75 | 21.39 | |
| 1.4 | 64QAM | 1 | 3 | 21.84 | 21.91 | 21.44 | |
| 1.4 | 64QAM | 1 | 5 | 21.75 | 21.82 | 21.39 | 23 |
| 1.4 | 64QAM | 3 | 0 | 21.78 | 21.74 | 21.32 | |
| 1.4 | 64QAM | 3 | 1 | 21.78 | 21.84 | 21.44 | |
| 1.4 | 64QAM | 3 | 3 | 21.75 | 21.75 | 21.47 | |
| 1.4 | 64QAM | 6 | 0 | 20.60 | 20.65 | 20.30 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.46 | 18.60 | 18.51 | |
| 1.4 | 256QAM | 1 | 3 | 18.46 | 18.47 | 18.61 | |
| 1.4 | 256QAM | 1 | 5 | 18.42 | 18.53 | 18.54 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.45 | 18.47 | 18.41 | |
| 1.4 | 256QAM | 3 | 1 | 18.39 | 18.32 | 18.38 | |
| 1.4 | 256QAM | 3 | 3 | 18.34 | 18.39 | 18.41 | |
| 1.4 | 256QAM | 6 | 0 | 18.51 | 18.40 | 18.42 | 20 |

## Band 7_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 23.91 | 23.94 | 23.99 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.93 | 23.99 | 23.94 | |
| 20 | QPSK | 1 | 99 | 23.99 | 24.06 | 24.02 | |
| 20 | QPSK | 50 | 0 | 22.97 | 23.02 | 23.02 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.10 | 23.09 | 23.06 | |
| 20 | QPSK | 50 | 50 | 23.11 | 23.16 | 23.13 | |
| 20 | QPSK | 100 | 0 | 23.07 | 23.07 | 23.05 | |
| 20 | 16QAM | 1 | 0 | 23.27 | 23.30 | 23.29 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.29 | 23.38 | 23.36 | |
| 20 | 16QAM | 1 | 99 | 23.33 | 23.40 | 23.34 | |
| 20 | 16QAM | 50 | 0 | 21.98 | 22.04 | 22.02 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.10 | 22.10 | 22.06 | |
| 20 | 16QAM | 50 | 50 | 22.13 | 22.17 | 22.14 | |
| 20 | 16QAM | 100 | 0 | 22.06 | 22.07 | 22.03 | |
| 20 | 64QAM | 1 | 0 | 22.08 | 22.17 | 22.10 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.16 | 22.26 | 22.21 | |
| 20 | 64QAM | 1 | 99 | 22.24 | 22.32 | 22.27 | |
| 20 | 64QAM | 50 | 0 | 21.00 | 21.08 | 21.05 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.12 | 21.11 | 21.08 | |
| 20 | 64QAM | 50 | 50 | 21.15 | 21.21 | 21.15 | |
| 20 | 64QAM | 100 | 0 | 21.12 | 21.05 | 21.07 | |
| 20 | 256QAM | 1 | 0 | 19.20 | 19.27 | 19.13 | 20.5 |
| 20 | 256QAM | 1 | 49 | 19.26 | 19.16 | 19.22 | |
| 20 | 256QAM | 1 | 99 | 19.12 | 19.17 | 19.11 | |
| 20 | 256QAM | 50 | 0 | 19.12 | 19.12 | 19.07 | 20.5 |
| 20 | 256QAM | 50 | 24 | 19.22 | 19.14 | 19.10 | |
| 20 | 256QAM | 50 | 50 | 19.17 | 19.16 | 19.13 | |
| 20 | 256QAM | 100 | 0 | 19.23 | 19.11 | 19.05 | |
| Channel | | | | 20525 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 23.83 | 23.84 | 23.95 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.86 | 23.90 | 23.85 | |
| 15 | QPSK | 1 | 74 | 23.97 | 24.04 | 23.94 | |
| 15 | QPSK | 36 | 0 | 22.95 | 22.98 | 23.00 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.06 | 23.04 | 23.04 | |
| 15 | QPSK | 36 | 39 | 23.08 | 23.13 | 23.09 | |
| 15 | QPSK | 75 | 0 | 23.02 | 23.01 | 23.01 | |
| 15 | 16QAM | 1 | 0 | 23.23 | 23.30 | 23.29 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.24 | 23.36 | 23.30 | |
| 15 | 16QAM | 1 | 74 | 23.31 | 23.34 | 23.24 | |
| 15 | 16QAM | 36 | 0 | 21.88 | 22.04 | 22.01 | 23.5 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.02 | 21.97 | |
| 15 | 16QAM | 36 | 39 | 22.10 | 22.09 | 22.14 | |
| 15 | 16QAM | 75 | 0 | 21.98 | 22.05 | 21.94 | |
| 15 | 64QAM | 1 | 0 | 22.07 | 22.08 | 22.06 | 23.5 |
| 15 | 64QAM | 1 | 37 | 22.09 | 22.20 | 22.19 | |
| 15 | 64QAM | 1 | 74 | 22.14 | 22.25 | 22.17 | |
| 15 | 64QAM | 36 | 0 | 20.95 | 20.98 | 21.02 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.03 | 21.02 | 21.06 | |
| 15 | 64QAM | 36 | 39 | 21.12 | 21.21 | 21.06 | |
| 15 | 64QAM | 75 | 0 | 21.06 | 21.05 | 21.00 | |
| 15 | 256QAM | 1 | 0 | 19.17 | 19.25 | 19.13 | 20.5 |
| 15 | 256QAM | 1 | 37 | 19.16 | 19.12 | 19.19 | |
| 15 | 256QAM | 1 | 74 | 19.04 | 19.15 | 19.02 | |
| 15 | 256QAM | 36 | 0 | 19.04 | 19.12 | 19.04 | 20.5 |
| 15 | 256QAM | 36 | 20 | 19.14 | 19.05 | 19.05 | |
| 15 | 256QAM | 36 | 39 | 19.16 | 19.14 | 19.08 | |
| 15 | 256QAM | 75 | 0 | 19.23 | 19.04 | 18.97 | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 23.89 | 23.92 | 23.99 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.93 | 23.90 | 23.84 | |
| 10 | QPSK | 1 | 49 | 23.90 | 24.01 | 23.96 | |
| 10 | QPSK | 25 | 0 | 22.91 | 22.99 | 22.97 | 24.5 |
| 10 | QPSK | 25 | 12 | 23.07 | 23.06 | 23.00 | |
| 10 | QPSK | 25 | 25 | 23.03 | 23.09 | 23.03 | |
| 10 | QPSK | 50 | 0 | 22.99 | 23.08 | 23.01 | |
| 10 | 16QAM | 1 | 0 | 23.17 | 23.24 | 23.26 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.27 | 23.34 | 23.35 | |
| 10 | 16QAM | 1 | 49 | 23.31 | 23.39 | 23.31 | |
| 10 | 16QAM | 25 | 0 | 21.92 | 22.00 | 21.95 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.07 | 22.08 | 22.06 | |
| 10 | 16QAM | 25 | 25 | 22.08 | 22.10 | 22.07 | |
| 10 | 16QAM | 50 | 0 | 22.02 | 22.04 | 22.00 | |
| 10 | 64QAM | 1 | 0 | 22.00 | 22.13 | 22.10 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.06 | 22.16 | 22.18 | |
| 10 | 64QAM | 1 | 49 | 22.14 | 22.31 | 22.25 | |
| 10 | 64QAM | 25 | 0 | 20.91 | 21.02 | 20.96 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.04 | 21.04 | 21.02 | |
| 10 | 64QAM | 25 | 25 | 21.08 | 21.14 | 21.09 | |
| 10 | 64QAM | 50 | 0 | 21.10 | 21.05 | 21.02 | |
| 10 | 256QAM | 1 | 0 | 19.15 | 19.19 | 19.09 | 20.5 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.07 | 19.22 | |
| 10 | 256QAM | 1 | 49 | 19.10 | 19.09 | 19.03 | |
| 10 | 256QAM | 25 | 0 | 19.02 | 19.05 | 18.98 | 20.5 |
| 10 | 256QAM | 25 | 12 | 19.21 | 19.07 | 19.09 | |
| 10 | 256QAM | 25 | 25 | 19.16 | 19.08 | 19.08 | |
| 10 | 256QAM | 50 | 0 | 19.18 | 19.04 | 18.99 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 23.84 | 23.93 | 23.98 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.93 | 23.93 | 23.88 | |
| 5 | QPSK | 1 | 24 | 23.89 | 24.02 | 23.95 | |
| 5 | QPSK | 12 | 0 | 22.96 | 22.93 | 22.99 | 24.5 |
| 5 | QPSK | 12 | 7 | 23.09 | 23.02 | 22.96 | |
| 5 | QPSK | 12 | 13 | 23.11 | 23.14 | 23.13 | |
| 5 | QPSK | 25 | 0 | 23.04 | 22.98 | 23.01 | |
| 5 | 16QAM | 1 | 0 | 23.17 | 23.28 | 23.19 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.25 | 23.33 | 23.30 | |
| 5 | 16QAM | 1 | 24 | 23.32 | 23.34 | 23.34 | |
| 5 | 16QAM | 12 | 0 | 21.94 | 21.98 | 21.98 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.03 | 22.02 | 22.05 | |
| 5 | 16QAM | 12 | 13 | 22.10 | 22.15 | 22.14 | |
| 5 | 16QAM | 25 | 0 | 22.00 | 22.07 | 21.95 | |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.10 | 22.09 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.21 | 22.15 | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.31 | 22.19 | |
| 5 | 64QAM | 12 | 0 | 20.91 | 20.99 | 20.99 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.07 | 21.02 | 21.03 | |
| 5 | 64QAM | 12 | 13 | 21.06 | 21.17 | 21.06 | |
| 5 | 64QAM | 25 | 0 | 21.04 | 21.02 | 21.07 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.25 | 19.11 | 20.5 |
| 5 | 256QAM | 1 | 12 | 19.26 | 19.08 | 19.15 | |
| 5 | 256QAM | 1 | 24 | 19.08 | 19.10 | 19.03 | |
| 5 | 256QAM | 12 | 0 | 19.08 | 19.06 | 19.06 | 20.5 |
| 5 | 256QAM | 12 | 7 | 19.22 | 19.13 | 19.00 | |
| 5 | 256QAM | 12 | 13 | 19.12 | 19.07 | 19.13 | |
| 5 | 256QAM | 25 | 0 | 19.22 | 19.07 | 19.02 | |

## Band 12_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.48 | 24.39 | 24.39 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.39 | 24.42 | 24.40 | |
| 10 | QPSK | 1 | 49 | 24.50 | 24.43 | 24.48 | |
| 10 | QPSK | 25 | 0 | 23.53 | 23.54 | 23.53 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.60 | 23.53 | 23.53 | |
| 10 | QPSK | 25 | 25 | 23.58 | 23.59 | 23.60 | |
| 10 | QPSK | 50 | 0 | 23.61 | 23.53 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.82 | 23.76 | 23.78 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.81 | 23.82 | 23.80 | |
| 10 | 16QAM | 1 | 49 | 23.87 | 23.85 | 23.78 | |
| 10 | 16QAM | 25 | 0 | 22.54 | 22.55 | 22.53 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.61 | 22.55 | 22.51 | |
| 10 | 16QAM | 25 | 25 | 22.59 | 22.60 | 22.57 | |
| 10 | 16QAM | 50 | 0 | 22.60 | 22.55 | 22.52 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.64 | 22.67 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.71 | 22.76 | 22.74 | |
| 10 | 64QAM | 1 | 49 | 22.73 | 22.54 | 22.39 | |
| 10 | 64QAM | 25 | 0 | 21.27 | 21.36 | 21.58 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.49 | 21.55 | 21.56 | |
| 10 | 64QAM | 25 | 25 | 21.53 | 21.60 | 21.61 | |
| 10 | 64QAM | 50 | 0 | 21.41 | 21.55 | 21.59 | |
| 10 | 256QAM | 1 | 0 | 19.47 | 19.66 | 19.47 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.53 | 19.73 | 19.49 | |
| 10 | 256QAM | 1 | 49 | 19.64 | 19.55 | 19.57 | |
| 10 | 256QAM | 25 | 0 | 19.44 | 19.46 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.45 | 19.40 | 19.46 | |
| 10 | 256QAM | 25 | 25 | 19.39 | 19.41 | 19.43 | |
| 10 | 256QAM | 50 | 0 | 19.51 | 19.43 | 19.41 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.47 | 24.39 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.49 | 24.48 | 24.49 | |
| 5 | QPSK | 1 | 24 | 24.47 | 24.49 | 24.46 | |
| 5 | QPSK | 12 | 0 | 23.62 | 23.54 | 23.55 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.55 | 23.59 | 23.50 | |
| 5 | QPSK | 12 | 13 | 23.55 | 23.54 | 23.51 | |
| 5 | QPSK | 25 | 0 | 23.58 | 23.52 | 23.52 | |
| 5 | 16QAM | 1 | 0 | 23.83 | 23.83 | 23.73 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.80 | 23.79 | 23.75 | |
| 5 | 16QAM | 1 | 24 | 23.82 | 23.80 | 23.76 | |
| 5 | 16QAM | 12 | 0 | 22.65 | 22.62 | 22.59 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.58 | 22.64 | 22.54 | |
| 5 | 16QAM | 12 | 13 | 22.60 | 22.59 | 22.54 | |
| 5 | 16QAM | 25 | 0 | 22.59 | 22.53 | 22.53 | |
| 5 | 64QAM | 1 | 0 | 22.24 | 22.37 | 22.66 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.49 | 22.74 | 22.69 | |
| 5 | 64QAM | 1 | 24 | 22.23 | 22.73 | 22.49 | |
| 5 | 64QAM | 12 | 0 | 21.35 | 21.64 | 21.69 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.45 | 21.67 | 21.61 | |
| 5 | 64QAM | 12 | 13 | 21.35 | 21.60 | 21.42 | |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.57 | 21.50 | |
| 5 | 256QAM | 1 | 0 | 19.38 | 19.56 | 19.45 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.50 | 19.64 | 19.39 | |
| 5 | 256QAM | 1 | 24 | 19.58 | 19.47 | 19.54 | |
| 5 | 256QAM | 12 | 0 | 19.43 | 19.36 | 19.32 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.36 | 19.32 | 19.45 | |
| 5 | 256QAM | 12 | 13 | 19.38 | 19.38 | 19.34 | |
| 5 | 256QAM | 25 | 0 | 19.47 | 19.33 | 19.33 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 24.46 | 24.37 | 24.33 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.34 | 24.42 | 24.36 | |
| 3 | QPSK | 1 | 14 | 24.43 | 24.33 | 24.36 | |
| 3 | QPSK | 8 | 0 | 23.43 | 23.54 | 23.48 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.52 | 23.49 | 23.51 | |
| 3 | QPSK | 8 | 7 | 23.49 | 23.58 | 23.51 | |
| 3 | QPSK | 15 | 0 | 23.58 | 23.51 | 23.45 | |
| 3 | 16QAM | 1 | 0 | 23.75 | 23.66 | 23.70 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.76 | 23.75 | 23.72 | |
| 3 | 16QAM | 1 | 14 | 23.65 | 23.83 | 23.69 | |
| 3 | 16QAM | 8 | 0 | 22.52 | 22.51 | 22.49 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.60 | 22.45 | 22.42 | |
| 3 | 16QAM | 8 | 7 | 22.50 | 22.50 | 22.54 | |
| 3 | 16QAM | 15 | 0 | 22.57 | 22.50 | 22.45 | |
| 3 | 64QAM | 1 | 0 | 22.47 | 22.55 | 22.67 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.66 | 22.72 | 22.74 | |
| 3 | 64QAM | 1 | 14 | 22.66 | 22.48 | 22.33 | |
| 3 | 64QAM | 8 | 0 | 21.17 | 21.31 | 21.50 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.40 | 21.52 | 21.55 | |
| 3 | 64QAM | 8 | 7 | 21.47 | 21.53 | 21.53 | |
| 3 | 64QAM | 15 | 0 | 21.31 | 21.49 | 21.50 | |
| 3 | 256QAM | 1 | 0 | 19.44 | 19.57 | 19.41 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.49 | 19.68 | 19.48 | |
| 3 | 256QAM | 1 | 14 | 19.58 | 19.54 | 19.49 | |
| 3 | 256QAM | 8 | 0 | 19.43 | 19.38 | 19.30 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.43 | 19.39 | 19.43 | |
| 3 | 256QAM | 8 | 7 | 19.37 | 19.41 | 19.42 | |
| 3 | 256QAM | 15 | 0 | 19.43 | 19.37 | 19.39 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 24.44 | 24.33 | 24.36 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.44 | 24.42 | 24.38 | |
| 1.4 | QPSK | 1 | 5 | 24.37 | 24.38 | 24.29 | |
| 1.4 | QPSK | 3 | 0 | 24.45 | 24.38 | 24.37 | |
| 1.4 | QPSK | 3 | 1 | 24.49 | 24.42 | 24.40 | |
| 1.4 | QPSK | 3 | 3 | 24.43 | 24.43 | 24.37 | |
| 1.4 | QPSK | 6 | 0 | 23.50 | 23.47 | 23.43 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.76 | 23.67 | 23.71 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.78 | 23.80 | 23.77 | |
| 1.4 | 16QAM | 1 | 5 | 23.70 | 23.69 | 23.63 | |
| 1.4 | 16QAM | 3 | 0 | 23.53 | 23.47 | 23.47 | |
| 1.4 | 16QAM | 3 | 1 | 23.58 | 23.51 | 23.50 | |
| 1.4 | 16QAM | 3 | 3 | 23.51 | 23.50 | 23.43 | |
| 1.4 | 16QAM | 6 | 0 | 22.57 | 22.56 | 22.49 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.34 | 22.61 | 22.37 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.45 | 22.72 | 22.34 | |
| 1.4 | 64QAM | 1 | 5 | 22.47 | 22.63 | 22.20 | |
| 1.4 | 64QAM | 3 | 0 | 22.26 | 22.56 | 22.39 | |
| 1.4 | 64QAM | 3 | 1 | 22.26 | 22.61 | 22.37 | |
| 1.4 | 64QAM | 3 | 3 | 22.37 | 22.61 | 22.26 | |
| 1.4 | 64QAM | 6 | 0 | 21.23 | 21.50 | 21.23 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.38 | 19.58 | 19.39 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.45 | 19.71 | 19.41 | |
| 1.4 | 256QAM | 1 | 5 | 19.61 | 19.54 | 19.53 | |
| 1.4 | 256QAM | 3 | 0 | 19.43 | 19.43 | 19.36 | |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.40 | 19.37 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.31 | 19.38 | |
| 1.4 | 256QAM | 6 | 0 | 19.49 | 19.37 | 19.39 | 20.7 |

| Band 13_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23230 | | |
| Frequency (MHz) | | | | | 782 | | |
| 10 | QPSK | 1 | 0 | | 23.53 | | 25 |
| 10 | QPSK | 1 | 25 | | 23.51 | | |
| 10 | QPSK | 1 | 49 | | 23.57 | | |
| 10 | QPSK | 25 | 0 | | 22.60 | | 24 |
| 10 | QPSK | 25 | 12 | | 22.61 | | |
| 10 | QPSK | 25 | 25 | | 22.65 | | |
| 10 | QPSK | 50 | 0 | | 22.61 | | |
| 10 | 16QAM | 1 | 0 | | 22.82 | | 24 |
| 10 | 16QAM | 1 | 25 | | 22.86 | | |
| 10 | 16QAM | 1 | 49 | | 22.88 | | |
| 10 | 16QAM | 25 | 0 | | 21.61 | | 23 |
| 10 | 16QAM | 25 | 12 | | 21.66 | | |
| 10 | 16QAM | 25 | 25 | | 21.69 | | |
| 10 | 16QAM | 50 | 0 | | 21.64 | | |
| 10 | 64QAM | 1 | 0 | | 21.69 | | 23 |
| 10 | 64QAM | 1 | 25 | | 21.81 | | |
| 10 | 64QAM | 1 | 49 | | 21.78 | | |
| 10 | 64QAM | 25 | 0 | | 20.65 | | 22 |
| 10 | 64QAM | 25 | 12 | | 20.69 | | |
| 10 | 64QAM | 25 | 25 | | 20.71 | | |
| 10 | 64QAM | 50 | 0 | | 20.68 | | |
| 10 | 256QAM | 1 | 0 | | 18.25 | | 20 |
| 10 | 256QAM | 1 | 25 | | 18.50 | | |
| 10 | 256QAM | 1 | 49 | | 18.70 | | |
| 10 | 256QAM | 25 | 0 | | 18.41 | | 20 |
| 10 | 256QAM | 25 | 12 | | 18.46 | | |
| 10 | 256QAM | 25 | 25 | | 18.59 | | |
| 10 | 256QAM | 50 | 0 | | 18.44 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 23.45 | 23.48 | 23.22 | 25 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.54 | 23.24 | |
| 5 | QPSK | 1 | 24 | 23.55 | 23.58 | 23.31 | |
| 5 | QPSK | 12 | 0 | 22.58 | 22.59 | 22.32 | 24 |
| 5 | QPSK | 12 | 7 | 22.62 | 22.63 | 22.40 | |
| 5 | QPSK | 12 | 13 | 22.65 | 22.67 | 22.36 | |
| 5 | QPSK | 25 | 0 | 22.65 | 22.63 | 22.37 | |
| 5 | 16QAM | 1 | 0 | 22.84 | 22.76 | 22.50 | 24 |
| 5 | 16QAM | 1 | 12 | 22.75 | 22.82 | 22.49 | |
| 5 | 16QAM | 1 | 24 | 22.84 | 22.85 | 22.51 | |
| 5 | 16QAM | 12 | 0 | 21.62 | 21.64 | 21.39 | 23 |
| 5 | 16QAM | 12 | 7 | 21.66 | 21.64 | 21.43 | |
| 5 | 16QAM | 12 | 13 | 21.68 | 21.71 | 21.42 | |
| 5 | 16QAM | 25 | 0 | 21.70 | 21.63 | 21.41 | |
| 5 | 64QAM | 1 | 0 | 21.73 | 21.68 | 21.42 | 23 |
| 5 | 64QAM | 1 | 12 | 21.69 | 21.81 | 21.49 | |
| 5 | 64QAM | 1 | 24 | 21.77 | 21.81 | 21.48 | |
| 5 | 64QAM | 12 | 0 | 20.66 | 20.70 | 20.43 | 22 |
| 5 | 64QAM | 12 | 7 | 20.72 | 20.67 | 20.45 | |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.75 | 20.43 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.66 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 18.16 | 18.24 | 18.22 | 20 |
| 5 | 256QAM | 1 | 12 | 18.43 | 18.45 | 18.47 | |
| 5 | 256QAM | 1 | 24 | 18.63 | 18.67 | 18.60 | |
| 5 | 256QAM | 12 | 0 | 18.37 | 18.35 | 18.38 | 20 |
| 5 | 256QAM | 12 | 7 | 18.46 | 18.36 | 18.40 | |
| 5 | 256QAM | 12 | 13 | 18.58 | 18.55 | 18.54 | |
| 5 | 256QAM | 25 | 0 | 18.37 | 18.34 | 18.41 | |

| Band 14_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23330 | | |
| Frequency (MHz) | | | | | 793 | | |
| 10 | QPSK | 1 | 0 | | 23.66 | | 25 |
| 10 | QPSK | 1 | 25 | | 23.60 | | |
| 10 | QPSK | 1 | 49 | | 23.58 | | |
| 10 | QPSK | 25 | 0 | | 22.63 | | 24 |
| 10 | QPSK | 25 | 12 | | 22.65 | | |
| 10 | QPSK | 25 | 25 | | 22.74 | | |
| 10 | QPSK | 50 | 0 | | 22.67 | | |
| 10 | 16QAM | 1 | 0 | | 23.02 | | 24 |
| 10 | 16QAM | 1 | 25 | | 22.99 | | |
| 10 | 16QAM | 1 | 49 | | 22.97 | | |
| 10 | 16QAM | 25 | 0 | | 21.65 | | 23 |
| 10 | 16QAM | 25 | 12 | | 21.68 | | |
| 10 | 16QAM | 25 | 25 | | 21.73 | | |
| 10 | 16QAM | 50 | 0 | | 21.66 | | |
| 10 | 64QAM | 1 | 0 | | 21.92 | | 23 |
| 10 | 64QAM | 1 | 25 | | 21.95 | | |
| 10 | 64QAM | 1 | 49 | | 21.90 | | |
| 10 | 64QAM | 25 | 0 | | 20.67 | | 22 |
| 10 | 64QAM | 25 | 12 | | 20.69 | | |
| 10 | 64QAM | 25 | 25 | | 20.76 | | |
| 10 | 64QAM | 50 | 0 | | 20.67 | | |
| 10 | 256QAM | 1 | 0 | | 18.45 | | 20 |
| 10 | 256QAM | 1 | 25 | | 18.58 | | |
| 10 | 256QAM | 1 | 49 | | 18.74 | | |
| 10 | 256QAM | 25 | 0 | | 18.50 | | 20 |
| 10 | 256QAM | 25 | 12 | | 18.44 | | |
| 10 | 256QAM | 25 | 25 | | 18.47 | | |
| 10 | 256QAM | 50 | 0 | | 18.50 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 23.58 | 23.55 | 23.58 | 25 |
| 5 | QPSK | 1 | 12 | 23.63 | 23.65 | 23.64 | |
| 5 | QPSK | 1 | 24 | 23.65 | 23.64 | 23.56 | |
| 5 | QPSK | 12 | 0 | 22.71 | 22.65 | 22.64 | 24 |
| 5 | QPSK | 12 | 7 | 22.70 | 22.73 | 22.70 | |
| 5 | QPSK | 12 | 13 | 22.71 | 22.73 | 22.68 | |
| 5 | QPSK | 25 | 0 | 22.69 | 22.66 | 22.63 | |
| 5 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.87 | 24 |
| 5 | 16QAM | 1 | 12 | 23.00 | 23.02 | 22.98 | |
| 5 | 16QAM | 1 | 24 | 22.96 | 23.00 | 22.90 | |
| 5 | 16QAM | 12 | 0 | 21.73 | 21.68 | 21.64 | 23 |
| 5 | 16QAM | 12 | 7 | 21.77 | 21.77 | 21.78 | |
| 5 | 16QAM | 12 | 13 | 21.73 | 21.72 | 21.68 | |
| 5 | 16QAM | 25 | 0 | 21.71 | 21.68 | 21.64 | |
| 5 | 64QAM | 1 | 0 | 21.87 | 21.89 | 21.85 | 23 |
| 5 | 64QAM | 1 | 12 | 21.93 | 22.00 | 21.94 | |
| 5 | 64QAM | 1 | 24 | 21.90 | 21.95 | 21.92 | |
| 5 | 64QAM | 12 | 0 | 20.80 | 20.71 | 20.69 | 22 |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.83 | 20.76 | |
| 5 | 64QAM | 12 | 13 | 20.75 | 20.76 | 20.69 | |
| 5 | 64QAM | 25 | 0 | 20.72 | 20.67 | 20.66 | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.37 | 18.42 | 20 |
| 5 | 256QAM | 1 | 12 | 18.55 | 18.48 | 18.55 | |
| 5 | 256QAM | 1 | 24 | 18.74 | 18.72 | 18.65 | |
| 5 | 256QAM | 12 | 0 | 18.50 | 18.42 | 18.48 | 20 |
| 5 | 256QAM | 12 | 7 | 18.38 | 18.34 | 18.35 | |
| 5 | 256QAM | 12 | 13 | 18.42 | 18.46 | 18.39 | |
| 5 | 256QAM | 25 | 0 | 18.40 | 18.47 | 18.44 | |

| Band 17_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 23.35 | 23.31 | 23.32 | 25 |
| 10 | QPSK | 1 | 25 | 23.36 | 23.37 | 23.37 | |
| 10 | QPSK | 1 | 49 | 23.37 | 23.45 | 23.36 | |
| 10 | QPSK | 25 | 0 | 22.38 | 22.39 | 22.41 | 24 |
| 10 | QPSK | 25 | 12 | 22.52 | 22.50 | 22.48 | |
| 10 | QPSK | 25 | 25 | 22.56 | 22.57 | 22.55 | |
| 10 | QPSK | 50 | 0 | 22.47 | 22.48 | 22.45 | |
| 10 | 16QAM | 1 | 0 | 22.70 | 22.68 | 22.69 | 24 |
| 10 | 16QAM | 1 | 25 | 22.75 | 22.78 | 22.74 | |
| 10 | 16QAM | 1 | 49 | 22.76 | 22.80 | 22.77 | |
| 10 | 16QAM | 25 | 0 | 21.41 | 21.41 | 21.41 | 23 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.48 | 21.47 | |
| 10 | 16QAM | 25 | 25 | 21.57 | 21.54 | 21.51 | |
| 10 | 16QAM | 50 | 0 | 21.44 | 21.46 | 21.42 | |
| 10 | 64QAM | 1 | 0 | 21.55 | 21.54 | 21.50 | 23 |
| 10 | 64QAM | 1 | 25 | 21.67 | 21.69 | 21.66 | |
| 10 | 64QAM | 1 | 49 | 21.53 | 21.60 | 21.48 | |
| 10 | 64QAM | 25 | 0 | 20.42 | 20.43 | 20.44 | 22 |
| 10 | 64QAM | 25 | 12 | 20.59 | 20.51 | 20.51 | |
| 10 | 64QAM | 25 | 25 | 20.59 | 20.58 | 20.56 | |
| 10 | 64QAM | 50 | 0 | 20.49 | 20.47 | 20.46 | |
| 10 | 256QAM | 1 | 0 | 18.34 | 18.39 | 18.22 | 20 |
| 10 | 256QAM | 1 | 25 | 18.43 | 18.45 | 18.47 | |
| 10 | 256QAM | 1 | 49 | 18.54 | 18.47 | 18.38 | |
| 10 | 256QAM | 25 | 0 | 18.31 | 18.27 | 18.30 | 20 |
| 10 | 256QAM | 25 | 12 | 18.30 | 18.40 | 18.34 | |
| 10 | 256QAM | 25 | 25 | 18.40 | 18.37 | 18.39 | |
| 10 | 256QAM | 50 | 0 | 18.27 | 18.40 | 18.31 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 23.33 | 23.28 | 23.27 | 25 |
| 5 | QPSK | 1 | 12 | 23.42 | 23.42 | 23.39 | |
| 5 | QPSK | 1 | 24 | 23.43 | 23.44 | 23.40 | |
| 5 | QPSK | 12 | 0 | 22.44 | 22.46 | 22.41 | 24 |
| 5 | QPSK | 12 | 7 | 22.51 | 22.48 | 22.43 | |
| 5 | QPSK | 12 | 13 | 22.53 | 22.52 | 22.45 | |
| 5 | QPSK | 25 | 0 | 22.49 | 22.47 | 22.42 | |
| 5 | 16QAM | 1 | 0 | 22.65 | 22.67 | 22.66 | 24 |
| 5 | 16QAM | 1 | 12 | 22.74 | 22.78 | 22.70 | |
| 5 | 16QAM | 1 | 24 | 22.78 | 22.79 | 22.75 | |
| 5 | 16QAM | 12 | 0 | 21.46 | 21.47 | 21.46 | 23 |
| 5 | 16QAM | 12 | 7 | 21.53 | 21.52 | 21.45 | |
| 5 | 16QAM | 12 | 13 | 21.54 | 21.53 | 21.47 | |
| 5 | 16QAM | 25 | 0 | 21.51 | 21.48 | 21.44 | |
| 5 | 64QAM | 1 | 0 | 21.57 | 21.66 | 21.63 | 23 |
| 5 | 64QAM | 1 | 12 | 21.66 | 21.70 | 21.64 | |
| 5 | 64QAM | 1 | 24 | 21.79 | 21.76 | 21.67 | |
| 5 | 64QAM | 12 | 0 | 20.50 | 20.49 | 20.47 | 22 |
| 5 | 64QAM | 12 | 7 | 20.57 | 20.55 | 20.51 | |
| 5 | 64QAM | 12 | 13 | 20.57 | 20.58 | 20.52 | |
| 5 | 64QAM | 25 | 0 | 20.51 | 20.49 | 20.47 | |
| 5 | 256QAM | 1 | 0 | 18.25 | 18.31 | 18.16 | 20 |
| 5 | 256QAM | 1 | 12 | 18.40 | 18.45 | 18.42 | |
| 5 | 256QAM | 1 | 24 | 18.52 | 18.39 | 18.37 | |
| 5 | 256QAM | 12 | 0 | 18.36 | 18.25 | 18.25 | 20 |
| 5 | 256QAM | 12 | 7 | 18.25 | 18.33 | 18.30 | |
| 5 | 256QAM | 12 | 13 | 18.36 | 18.27 | 18.37 | |
| 5 | 256QAM | 25 | 0 | 18.20 | 18.30 | 18.31 | |

## Band 25_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 23.59 | 23.59 | 23.63 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.61 | 23.61 | 23.68 | |
| 20 | QPSK | 1 | 99 | 23.54 | 23.60 | 23.61 | |
| 20 | QPSK | 50 | 0 | 22.70 | 22.71 | 22.75 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.75 | 22.80 | 22.81 | |
| 20 | QPSK | 50 | 50 | 22.68 | 22.74 | 22.79 | |
| 20 | QPSK | 100 | 0 | 22.75 | 22.74 | 22.78 | |
| 20 | 16QAM | 1 | 0 | 22.96 | 22.99 | 23.00 | 24.5 |
| 20 | 16QAM | 1 | 49 | 22.92 | 22.95 | 23.00 | |
| 20 | 16QAM | 1 | 99 | 22.86 | 22.98 | 22.95 | |
| 20 | 16QAM | 50 | 0 | 21.69 | 21.73 | 21.77 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.74 | 21.80 | 21.78 | |
| 20 | 16QAM | 50 | 50 | 21.72 | 21.74 | 21.82 | |
| 20 | 16QAM | 100 | 0 | 21.74 | 21.76 | 21.74 | |
| 20 | 64QAM | 1 | 0 | 21.87 | 21.90 | 21.88 | 23.5 |
| 20 | 64QAM | 1 | 49 | 21.83 | 21.82 | 21.61 | |
| 20 | 64QAM | 1 | 99 | 21.82 | 21.88 | 21.57 | |
| 20 | 64QAM | 50 | 0 | 20.72 | 20.76 | 20.59 | 22.5 |
| 20 | 64QAM | 50 | 24 | 20.78 | 20.83 | 20.80 | |
| 20 | 64QAM | 50 | 50 | 20.71 | 20.77 | 20.84 | |
| 20 | 64QAM | 100 | 0 | 20.76 | 20.79 | 20.34 | |
| 20 | 256QAM | 1 | 0 | 18.99 | 18.87 | 18.98 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.79 | 18.97 | 19.06 | |
| 20 | 256QAM | 1 | 99 | 18.90 | 19.02 | 18.99 | |
| 20 | 256QAM | 50 | 0 | 18.75 | 18.80 | 18.85 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.81 | 18.89 | 18.89 | |
| 20 | 256QAM | 50 | 50 | 18.75 | 18.87 | 18.90 | |
| 20 | 256QAM | 100 | 0 | 18.86 | 18.86 | 18.97 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 23.52 | 23.52 | 23.53 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.58 | 23.51 | 23.67 | |
| 15 | QPSK | 1 | 74 | 23.53 | 23.62 | 23.56 | |
| 15 | QPSK | 36 | 0 | 22.67 | 22.68 | 22.68 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.72 | 22.79 | 22.76 | |
| 15 | QPSK | 36 | 39 | 22.61 | 22.65 | 22.81 | |
| 15 | QPSK | 75 | 0 | 22.71 | 22.72 | 22.71 | |
| 15 | 16QAM | 1 | 0 | 22.91 | 22.99 | 22.93 | 24.5 |
| 15 | 16QAM | 1 | 37 | 22.87 | 22.92 | 22.96 | |
| 15 | 16QAM | 1 | 74 | 22.80 | 22.93 | 22.88 | |
| 15 | 16QAM | 36 | 0 | 21.67 | 21.69 | 21.74 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.73 | 21.80 | 21.69 | |
| 15 | 16QAM | 36 | 39 | 21.71 | 21.65 | 21.80 | |
| 15 | 16QAM | 75 | 0 | 21.68 | 21.71 | 21.69 | |
| 15 | 64QAM | 1 | 0 | 21.87 | 21.86 | 21.82 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.78 | 21.81 | 21.57 | |
| 15 | 64QAM | 1 | 74 | 21.74 | 21.78 | 21.58 | |
| 15 | 64QAM | 36 | 0 | 20.65 | 20.68 | 20.59 | 22.5 |
| 15 | 64QAM | 36 | 20 | 20.71 | 20.77 | 20.71 | |
| 15 | 64QAM | 36 | 39 | 20.65 | 20.67 | 20.76 | |
| 15 | 64QAM | 75 | 0 | 20.66 | 20.76 | 20.53 | |
| 15 | 256QAM | 1 | 0 | 18.96 | 18.86 | 18.94 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.73 | 18.96 | 19.00 | |
| 15 | 256QAM | 1 | 74 | 18.85 | 18.96 | 18.96 | |
| 15 | 256QAM | 36 | 0 | 18.72 | 18.74 | 18.64 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.75 | 18.79 | 18.84 | |
| 15 | 256QAM | 36 | 39 | 18.70 | 18.82 | 18.88 | |
| 15 | 256QAM | 75 | 0 | 18.86 | 18.86 | 18.90 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 23.57 | 23.51 | 23.60 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.56 | 23.59 | 23.66 | |
| 10 | QPSK | 1 | 49 | 23.51 | 23.58 | 23.56 | |
| 10 | QPSK | 25 | 0 | 22.70 | 22.68 | 22.72 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.73 | 22.72 | 22.72 | |
| 10 | QPSK | 25 | 25 | 22.65 | 22.69 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.68 | 22.73 | 22.73 | |
| 10 | 16QAM | 1 | 0 | 22.91 | 22.90 | 22.95 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.84 | 22.87 | 22.90 | |
| 10 | 16QAM | 1 | 49 | 22.82 | 22.91 | 22.85 | |
| 10 | 16QAM | 25 | 0 | 21.65 | 21.70 | 21.69 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.72 | 21.71 | 21.78 | |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.70 | 21.73 | |
| 10 | 16QAM | 50 | 0 | 21.65 | 21.69 | 21.71 | |
| 10 | 64QAM | 1 | 0 | 21.86 | 21.86 | 21.82 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.74 | 21.80 | 21.57 | |
| 10 | 64QAM | 1 | 49 | 21.75 | 21.83 | 21.52 | |
| 10 | 64QAM | 25 | 0 | 20.66 | 20.76 | 20.55 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.76 | 20.83 | 20.80 | |
| 10 | 64QAM | 25 | 25 | 20.65 | 20.76 | 20.75 | |
| 10 | 64QAM | 50 | 0 | 20.71 | 20.77 | 20.29 | |
| 10 | 256QAM | 1 | 0 | 18.97 | 18.86 | 18.98 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.69 | 18.97 | 19.05 | |
| 10 | 256QAM | 1 | 49 | 18.87 | 19.01 | 18.96 | |
| 10 | 256QAM | 25 | 0 | 18.75 | 18.74 | 18.64 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.73 | 18.84 | 18.89 | |
| 10 | 256QAM | 25 | 25 | 18.67 | 18.78 | 18.85 | |
| 10 | 256QAM | 50 | 0 | 18.77 | 18.83 | 18.93 | |
| Channel | | | | 26065 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 23.53 | 23.51 | 23.58 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.52 | 23.54 | 23.59 | |
| 5 | QPSK | 1 | 24 | 23.52 | 23.58 | 23.52 | |
| 5 | QPSK | 12 | 0 | 22.61 | 22.65 | 22.72 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.67 | 22.78 | 22.69 | |
| 5 | QPSK | 12 | 13 | 22.64 | 22.71 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.72 | 22.65 | 22.72 | |
| 5 | 16QAM | 1 | 0 | 22.95 | 22.89 | 22.95 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.87 | 22.87 | 22.97 | |
| 5 | 16QAM | 1 | 24 | 22.86 | 22.92 | 22.86 | |
| 5 | 16QAM | 12 | 0 | 21.68 | 21.65 | 21.73 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.65 | 21.70 | 21.76 | |
| 5 | 16QAM | 12 | 13 | 21.68 | 21.74 | 21.78 | |
| 5 | 16QAM | 25 | 0 | 21.74 | 21.74 | 21.67 | |
| 5 | 64QAM | 1 | 0 | 21.84 | 21.87 | 21.79 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.82 | 21.80 | 21.59 | |
| 5 | 64QAM | 1 | 24 | 21.77 | 21.84 | 21.56 | |
| 5 | 64QAM | 12 | 0 | 20.69 | 20.74 | 20.59 | 22.5 |
| 5 | 64QAM | 12 | 7 | 20.73 | 20.82 | 20.77 | |
| 5 | 64QAM | 12 | 13 | 20.61 | 20.76 | 20.81 | |
| 5 | 64QAM | 25 | 0 | 20.72 | 20.79 | 20.29 | |
| 5 | 256QAM | 1 | 0 | 18.98 | 18.86 | 18.90 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.89 | 18.98 | |
| 5 | 256QAM | 1 | 24 | 18.87 | 18.99 | 18.92 | |
| 5 | 256QAM | 12 | 0 | 18.71 | 18.72 | 18.62 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.74 | 18.83 | 18.80 | |
| 5 | 256QAM | 12 | 13 | 18.68 | 18.79 | 18.85 | |
| 5 | 256QAM | 25 | 0 | 18.81 | 18.77 | 18.87 | |
| Channel | | | | 26055 | 26340 | 26625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 23.59 | 23.56 | 23.59 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.56 | 23.52 | 23.62 | |
| 3 | QPSK | 1 | 14 | 23.59 | 23.53 | 23.58 | |
| 3 | QPSK | 8 | 0 | 22.83 | 22.87 | 22.72 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.72 | 22.79 | 22.75 | |
| 3 | QPSK | 8 | 7 | 22.58 | 22.69 | 22.79 | |
| 3 | QPSK | 15 | 0 | 22.65 | 22.65 | 22.73 | |
| 3 | 16QAM | 1 | 0 | 22.87 | 22.96 | 22.92 | 24.5 |
| 3 | 16QAM | 1 | 8 | 22.88 | 22.94 | 23.00 | |
| 3 | 16QAM | 1 | 14 | 22.83 | 22.94 | 22.91 | |
| 3 | 16QAM | 8 | 0 | 21.68 | 21.67 | 21.74 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.73 | 21.77 | 21.75 | |
| 3 | 16QAM | 8 | 7 | 21.71 | 21.66 | 21.76 | |
| 3 | 16QAM | 15 | 0 | 21.73 | 21.75 | 21.72 | |
| 3 | 64QAM | 1 | 0 | 21.87 | 21.90 | 21.87 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.79 | 21.78 | 21.55 | |
| 3 | 64QAM | 1 | 14 | 21.80 | 21.81 | 21.52 | |
| 3 | 64QAM | 8 | 0 | 20.66 | 20.66 | 20.57 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.78 | 20.75 | 20.74 | |
| 3 | 64QAM | 8 | 7 | 20.67 | 20.68 | 20.74 | |
| 3 | 64QAM | 15 | 0 | 20.66 | 20.77 | 20.24 | |
| 3 | 256QAM | 1 | 0 | 18.95 | 18.86 | 18.86 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.71 | 18.87 | 19.05 | |
| 3 | 256QAM | 1 | 14 | 18.86 | 18.99 | 18.89 | |
| 3 | 256QAM | 8 | 0 | 18.70 | 18.70 | 18.61 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.81 | 18.87 | 18.80 | |
| 3 | 256QAM | 8 | 7 | 18.71 | 18.86 | 18.85 | |
| 3 | 256QAM | 15 | 0 | 18.85 | 18.83 | 18.92 | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 23.57 | 23.55 | 23.59 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.58 | 23.63 | 23.58 | |
| 1.4 | QPSK | 1 | 5 | 23.53 | 23.61 | 23.61 | |
| 1.4 | QPSK | 3 | 0 | 23.54 | 23.55 | 23.62 | |
| 1.4 | QPSK | 3 | 1 | 23.58 | 23.61 | 23.59 | |
| 1.4 | QPSK | 3 | 3 | 23.56 | 23.62 | 23.66 | |
| 1.4 | QPSK | 6 | 0 | 22.62 | 22.69 | 22.76 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.85 | 22.85 | 22.90 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 22.96 | 22.96 | 23.01 | |
| 1.4 | 16QAM | 1 | 5 | 22.90 | 22.92 | 22.95 | |
| 1.4 | 16QAM | 3 | 0 | 22.62 | 22.67 | 22.67 | |
| 1.4 | 16QAM | 3 | 1 | 22.70 | 22.73 | 22.75 | |
| 1.4 | 16QAM | 3 | 3 | 22.87 | 22.72 | 22.70 | |
| 1.4 | 16QAM | 6 | 0 | 21.70 | 21.78 | 21.79 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.75 | 21.75 | 21.51 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.86 | 21.88 | 21.55 | |
| 1.4 | 64QAM | 1 | 5 | 21.73 | 21.81 | 21.50 | |
| 1.4 | 64QAM | 3 | 0 | 21.73 | 21.76 | 21.36 | |
| 1.4 | 64QAM | 3 | 1 | 21.80 | 21.82 | 21.42 | |
| 1.4 | 64QAM | 3 | 3 | 21.76 | 21.81 | 21.22 | |
| 1.4 | 64QAM | 6 | 0 | 20.64 | 20.71 | 20.50 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.90 | 18.92 | 18.94 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.94 | 18.90 | 18.86 | |
| 1.4 | 256QAM | 1 | 5 | 18.89 | 18.89 | 18.94 | |
| 1.4 | 256QAM | 3 | 0 | 18.86 | 18.92 | 18.95 | |
| 1.4 | 256QAM | 3 | 1 | 18.87 | 18.87 | 18.89 | |
| 1.4 | 256QAM | 3 | 3 | 18.86 | 18.95 | 18.90 | |
| 1.4 | 256QAM | 6 | 0 | 18.95 | 18.88 | 18.93 | 20.5 |

## Band 26_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26705 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 23.60 | 23.49 | 23.47 | |
| 15 | QPSK | 1 | 37 | 23.46 | 23.46 | 23.43 | 25 |
| 15 | QPSK | 1 | 74 | 23.51 | 23.48 | 23.33 | |
| 15 | QPSK | 36 | 0 | 22.63 | 22.64 | 22.57 | |
| 15 | QPSK | 36 | 20 | 22.61 | 22.63 | 22.55 | 24 |
| 15 | QPSK | 36 | 39 | 22.62 | 22.62 | 22.54 | |
| 15 | QPSK | 75 | 0 | 22.66 | 22.64 | 22.57 | |
| 15 | 16QAM | 1 | 0 | 22.87 | 22.79 | 22.78 | |
| 15 | 16QAM | 1 | 37 | 22.78 | 22.78 | 22.76 | 24 |
| 15 | 16QAM | 1 | 74 | 22.74 | 22.74 | 22.64 | |
| 15 | 16QAM | 36 | 0 | 21.61 | 21.60 | 21.59 | |
| 15 | 16QAM | 36 | 20 | 21.64 | 21.64 | 21.56 | 23 |
| 15 | 16QAM | 36 | 39 | 21.61 | 21.62 | 21.58 | |
| 15 | 16QAM | 75 | 0 | 21.66 | 21.64 | 21.59 | |
| 15 | 64QAM | 1 | 0 | 21.73 | 21.64 | 21.68 | |
| 15 | 64QAM | 1 | 37 | 21.71 | 21.74 | 21.68 | 23 |
| 15 | 64QAM | 1 | 74 | 21.73 | 21.68 | 21.06 | |
| 15 | 64QAM | 36 | 0 | 20.30 | 20.63 | 20.65 | |
| 15 | 64QAM | 36 | 20 | 20.52 | 20.69 | 20.60 | 22 |
| 15 | 64QAM | 36 | 39 | 20.65 | 20.68 | 20.48 | |
| 15 | 64QAM | 75 | 0 | 20.67 | 20.66 | 20.58 | |
| 15 | 256QAM | 1 | 0 | 18.64 | 18.53 | 18.58 | |
| 15 | 256QAM | 1 | 37 | 18.59 | 18.53 | 18.50 | 20 |
| 15 | 256QAM | 1 | 74 | 18.50 | 18.57 | 18.40 | |
| 15 | 256QAM | 36 | 0 | 18.48 | 18.50 | 18.59 | |
| 15 | 256QAM | 36 | 20 | 18.48 | 18.47 | 18.36 | 20 |
| 15 | 256QAM | 36 | 39 | 18.37 | 18.41 | 18.42 | |
| 15 | 256QAM | 75 | 0 | 18.46 | 18.51 | 18.39 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.54 | 23.39 | 23.45 | |
| 10 | QPSK | 1 | 25 | 23.38 | 23.40 | 23.42 | 25 |
| 10 | QPSK | 1 | 49 | 23.42 | 23.49 | 23.23 | |
| 10 | QPSK | 25 | 0 | 22.59 | 22.55 | 22.55 | |
| 10 | QPSK | 25 | 12 | 22.63 | 22.60 | 22.50 | 24 |
| 10 | QPSK | 25 | 25 | 22.62 | 22.57 | 22.49 | |
| 10 | QPSK | 50 | 0 | 22.64 | 22.64 | 22.53 | |
| 10 | 16QAM | 1 | 0 | 22.82 | 22.75 | 22.73 | |
| 10 | 16QAM | 1 | 25 | 22.76 | 22.73 | 22.73 | 24 |
| 10 | 16QAM | 1 | 49 | 22.73 | 22.71 | 22.62 | |
| 10 | 16QAM | 25 | 0 | 21.57 | 21.59 | 21.57 | |
| 10 | 16QAM | 25 | 12 | 21.57 | 21.56 | 21.53 | 23 |
| 10 | 16QAM | 25 | 25 | 21.57 | 21.52 | 21.54 | |
| 10 | 16QAM | 50 | 0 | 21.66 | 21.63 | 21.50 | |
| 10 | 64QAM | 1 | 0 | 21.73 | 21.62 | 21.68 | |
| 10 | 64QAM | 1 | 25 | 21.66 | 21.74 | 21.59 | 23 |
| 10 | 64QAM | 1 | 49 | 21.71 | 21.60 | 21.06 | |
| 10 | 64QAM | 25 | 0 | 20.22 | 20.60 | 20.61 | |
| 10 | 64QAM | 25 | 12 | 20.44 | 20.67 | 20.57 | 22 |
| 10 | 64QAM | 25 | 25 | 20.57 | 20.62 | 20.42 | |
| 10 | 64QAM | 50 | 0 | 20.62 | 20.59 | 20.51 | |
| 10 | 256QAM | 1 | 0 | 18.61 | 18.49 | 18.55 | |
| 10 | 256QAM | 1 | 25 | 18.49 | 18.47 | 18.47 | 20 |
| 10 | 256QAM | 1 | 49 | 18.48 | 18.51 | 18.30 | |
| 10 | 256QAM | 25 | 0 | 18.41 | 18.45 | 18.43 | |
| 10 | 256QAM | 25 | 12 | 18.48 | 18.45 | 18.30 | 20 |
| 10 | 256QAM | 25 | 25 | 18.35 | 18.40 | 18.42 | |
| 10 | 256QAM | 50 | 0 | 18.45 | 18.41 | 18.37 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.53 | 23.40 | 23.47 | |
| 5 | QPSK | 1 | 12 | 23.37 | 23.44 | 23.35 | 25 |
| 5 | QPSK | 1 | 24 | 23.50 | 23.42 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.60 | 22.55 | 22.57 | |
| 5 | QPSK | 12 | 7 | 22.57 | 22.56 | 22.53 | 24 |
| 5 | QPSK | 12 | 13 | 22.60 | 22.52 | 22.56 | |
| 5 | QPSK | 25 | 0 | 22.62 | 22.64 | 22.48 | |
| 5 | 16QAM | 1 | 0 | 22.87 | 22.78 | 22.74 | |
| 5 | 16QAM | 1 | 12 | 22.73 | 22.70 | 22.72 | 24 |
| 5 | 16QAM | 1 | 24 | 22.64 | 22.67 | 22.56 | |
| 5 | 16QAM | 12 | 0 | 21.57 | 21.58 | 21.49 | |
| 5 | 16QAM | 12 | 7 | 21.55 | 21.61 | 21.47 | 23 |
| 5 | 16QAM | 12 | 13 | 21.55 | 21.60 | 21.53 | |
| 5 | 16QAM | 25 | 0 | 21.64 | 21.54 | 21.57 | |
| 5 | 64QAM | 1 | 0 | 21.72 | 21.60 | 21.63 | |
| 5 | 64QAM | 1 | 12 | 21.69 | 21.71 | 21.68 | 23 |
| 5 | 64QAM | 1 | 24 | 21.71 | 21.59 | 21.06 | |
| 5 | 64QAM | 12 | 0 | 20.20 | 20.54 | 20.57 | |
| 5 | 64QAM | 12 | 7 | 20.46 | 20.60 | 20.52 | 22 |
| 5 | 64QAM | 12 | 13 | 20.60 | 20.67 | 20.40 | |
| 5 | 64QAM | 25 | 0 | 20.65 | 20.57 | 20.57 | |
| 5 | 256QAM | 1 | 0 | 18.54 | 18.51 | 18.51 | |
| 5 | 256QAM | 1 | 12 | 18.56 | 18.48 | 18.42 | 20 |
| 5 | 256QAM | 1 | 24 | 18.49 | 18.55 | 18.30 | |
| 5 | 256QAM | 12 | 0 | 18.40 | 18.41 | 18.40 | |
| 5 | 256QAM | 12 | 7 | 18.45 | 18.39 | 18.29 | 20 |
| 5 | 256QAM | 12 | 13 | 18.27 | 18.41 | 18.38 | |
| 5 | 256QAM | 25 | 0 | 18.46 | 18.43 | 18.36 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.47 | 23.44 | 23.46 | |
| 3 | QPSK | 1 | 8 | 23.41 | 23.46 | 23.34 | 25 |
| 3 | QPSK | 1 | 14 | 23.51 | 23.44 | 23.27 | |
| 3 | QPSK | 8 | 0 | 22.62 | 22.59 | 22.49 | |
| 3 | QPSK | 8 | 4 | 22.62 | 22.58 | 22.50 | 24 |
| 3 | QPSK | 8 | 7 | 22.56 | 22.56 | 22.56 | |
| 3 | QPSK | 15 | 0 | 22.60 | 22.54 | 22.51 | |
| 3 | 16QAM | 1 | 0 | 22.77 | 22.77 | 22.72 | |
| 3 | 16QAM | 1 | 8 | 22.78 | 22.69 | 22.70 | 24 |
| 3 | 16QAM | 1 | 14 | 22.71 | 22.66 | 22.62 | |
| 3 | 16QAM | 8 | 0 | 21.54 | 21.57 | 21.56 | |
| 3 | 16QAM | 8 | 4 | 21.54 | 21.62 | 21.52 | 23 |
| 3 | 16QAM | 8 | 7 | 21.51 | 21.54 | 21.52 | |
| 3 | 16QAM | 15 | 0 | 21.64 | 21.56 | 21.53 | |
| 3 | 64QAM | 1 | 0 | 21.65 | 21.55 | 21.68 | |
| 3 | 64QAM | 1 | 8 | 21.69 | 21.73 | 21.63 | 23 |
| 3 | 64QAM | 1 | 14 | 21.73 | 21.63 | 21.06 | |
| 3 | 64QAM | 8 | 0 | 20.20 | 20.58 | 20.60 | |
| 3 | 64QAM | 8 | 4 | 20.44 | 20.63 | 20.53 | 22 |
| 3 | 64QAM | 8 | 7 | 20.62 | 20.62 | 20.39 | |
| 3 | 64QAM | 15 | 0 | 20.61 | 20.65 | 20.58 | |
| 3 | 256QAM | 1 | 0 | 18.57 | 18.49 | 18.56 | |
| 3 | 256QAM | 1 | 8 | 18.59 | 18.49 | 18.48 | 20 |
| 3 | 256QAM | 1 | 14 | 18.41 | 18.56 | 18.36 | |
| 3 | 256QAM | 8 | 0 | 18.44 | 18.50 | 18.45 | |
| 3 | 256QAM | 8 | 4 | 18.46 | 18.43 | 18.33 | 20 |
| 3 | 256QAM | 8 | 7 | 18.35 | 18.36 | 18.32 | |
| 3 | 256QAM | 15 | 0 | 18.46 | 18.46 | 18.33 | |
| Channel | | | | 26707 | 26865 | 27023 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.57 | 23.42 | 23.41 | |
| 1.4 | QPSK | 1 | 3 | 23.58 | 23.54 | 23.40 | |
| 1.4 | QPSK | 1 | 5 | 23.53 | 23.44 | 23.31 | 25 |
| 1.4 | QPSK | 3 | 0 | 23.59 | 23.45 | 23.41 | |
| 1.4 | QPSK | 3 | 1 | 23.57 | 23.52 | 23.46 | |
| 1.4 | QPSK | 3 | 3 | 23.59 | 23.49 | 23.44 | |
| 1.4 | QPSK | 6 | 0 | 22.67 | 22.57 | 22.46 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.92 | 22.82 | 22.69 | |
| 1.4 | 16QAM | 1 | 3 | 22.95 | 22.84 | 22.74 | |
| 1.4 | 16QAM | 1 | 5 | 22.88 | 22.74 | 22.67 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.70 | 22.57 | 22.49 | |
| 1.4 | 16QAM | 3 | 1 | 22.77 | 22.62 | 22.52 | |
| 1.4 | 16QAM | 3 | 3 | 22.66 | 22.60 | 22.44 | |
| 1.4 | 16QAM | 6 | 0 | 21.71 | 21.65 | 21.51 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.44 | 21.74 | 21.02 | |
| 1.4 | 64QAM | 1 | 3 | 21.49 | 21.82 | 21.08 | |
| 1.4 | 64QAM | 1 | 5 | 21.44 | 21.74 | 21.02 | 23 |
| 1.4 | 64QAM | 3 | 0 | 21.45 | 21.68 | 21.00 | |
| 1.4 | 64QAM | 3 | 1 | 21.51 | 21.73 | 21.08 | |
| 1.4 | 64QAM | 3 | 3 | 21.44 | 21.71 | 21.07 | |
| 1.4 | 64QAM | 6 | 0 | 20.27 | 20.61 | 20.00 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.63 | 18.51 | 18.55 | |
| 1.4 | 256QAM | 1 | 3 | 18.56 | 18.47 | 18.59 | |
| 1.4 | 256QAM | 1 | 5 | 18.41 | 18.47 | 18.35 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.46 | 18.46 | 18.49 | |
| 1.4 | 256QAM | 3 | 1 | 18.38 | 18.44 | 18.30 | |
| 1.4 | 256QAM | 3 | 3 | 18.30 | 18.35 | 18.39 | |
| 1.4 | 256QAM | 6 | 0 | 18.44 | 18.43 | 18.38 | 20 |

**Band 30_Ant 0**

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | | 27710 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | QPSK | 1 | 0 | | 23.87 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 23.88 | | |
| 10 | QPSK | 1 | 49 | | 23.85 | | |
| 10 | QPSK | 25 | 0 | | 22.90 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 22.94 | | |
| 10 | QPSK | 25 | 25 | | 22.96 | | |
| 10 | QPSK | 50 | 0 | | 22.94 | | 24.7 |
| 10 | 16QAM | 1 | 0 | | 23.21 | | |
| 10 | 16QAM | 1 | 25 | | 23.25 | | |
| 10 | 16QAM | 1 | 49 | | 23.23 | | 23.7 |
| 10 | 16QAM | 25 | 0 | | 21.88 | | |
| 10 | 16QAM | 25 | 12 | | 21.97 | | |
| 10 | 16QAM | 25 | 25 | | 21.94 | | |
| 10 | 16QAM | 50 | 0 | | 21.93 | | 23.7 |
| 10 | 64QAM | 1 | 0 | | 22.09 | | |
| 10 | 64QAM | 1 | 25 | | 22.17 | | |
| 10 | 64QAM | 1 | 49 | | 22.02 | | 22.7 |
| 10 | 64QAM | 25 | 0 | | 20.92 | | |
| 10 | 64QAM | 25 | 12 | | 21.02 | | |
| 10 | 64QAM | 25 | 25 | | 20.95 | | |
| 10 | 64QAM | 50 | 0 | | 20.98 | | 20.7 |
| 10 | 256QAM | 1 | 0 | | 19.20 | | |
| 10 | 256QAM | 1 | 25 | | 19.29 | | |
| 10 | 256QAM | 1 | 49 | | 19.13 | | 20.7 |
| 10 | 256QAM | 25 | 0 | | 18.96 | | |
| 10 | 256QAM | 25 | 12 | | 19.06 | | |
| 10 | 256QAM | 25 | 25 | | 19.03 | | |
| 10 | 256QAM | 50 | 0 | | 19.03 | | Tune-up limit (dBm) |
| Channel | | | | 27685 | 27710 | 27735 | |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 23.75 | 23.79 | 23.86 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.82 | 23.86 | 23.80 | |
| 5 | QPSK | 1 | 24 | 23.85 | 23.87 | 23.79 | |
| 5 | QPSK | 12 | 0 | 22.87 | 22.89 | 22.94 | 24.7 |
| 5 | QPSK | 12 | 7 | 22.99 | 22.94 | 22.98 | |
| 5 | QPSK | 12 | 13 | 22.99 | 22.93 | 22.96 | |
| 5 | QPSK | 25 | 0 | 22.97 | 22.94 | 22.99 | |
| 5 | 16QAM | 1 | 0 | 23.07 | 23.10 | 23.17 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.18 | 23.17 | 23.19 | |
| 5 | 16QAM | 1 | 24 | 23.24 | 23.18 | 23.25 | |
| 5 | 16QAM | 12 | 0 | 21.88 | 21.93 | 21.95 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.01 | 21.98 | 22.00 | |
| 5 | 16QAM | 12 | 13 | 22.01 | 21.95 | 21.98 | |
| 5 | 16QAM | 25 | 0 | 21.96 | 21.94 | 21.94 | |
| 5 | 64QAM | 1 | 0 | 22.03 | 22.08 | 21.87 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.14 | 21.97 | |
| 5 | 64QAM | 1 | 24 | 22.16 | 22.09 | 21.83 | |
| 5 | 64QAM | 12 | 0 | 20.94 | 20.96 | 20.93 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.05 | 21.02 | 20.96 | |
| 5 | 64QAM | 12 | 13 | 21.05 | 20.96 | 20.95 | |
| 5 | 64QAM | 25 | 0 | 21.01 | 21.00 | 20.81 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.19 | 19.18 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.21 | 19.19 | 19.22 | |
| 5 | 256QAM | 1 | 24 | 19.08 | 19.05 | 19.05 | |
| 5 | 256QAM | 12 | 0 | 18.93 | 18.86 | 18.90 | 20.7 |
| 5 | 256QAM | 12 | 7 | 18.99 | 19.06 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 19.03 | 18.93 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 19.03 | 18.96 | 19.01 | |

## Band 66_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 23.93 | 23.97 | 23.84 | |
| 20 | QPSK | 1 | 49 | 23.83 | 23.85 | 23.72 | 25.5 |
| 20 | QPSK | 1 | 99 | 23.75 | 23.80 | 23.62 | |
| 20 | QPSK | 50 | 0 | 22.94 | 22.97 | 22.84 | |
| 20 | QPSK | 50 | 24 | 22.98 | 22.99 | 22.90 | 24.5 |
| 20 | QPSK | 50 | 50 | 22.94 | 22.95 | 22.82 | |
| 20 | QPSK | 100 | 0 | 22.92 | 22.93 | 22.91 | |
| 20 | 16QAM | 1 | 0 | 23.26 | 23.30 | 23.20 | |
| 20 | 16QAM | 1 | 49 | 23.18 | 23.19 | 23.04 | 24.5 |
| 20 | 16QAM | 1 | 99 | 23.09 | 23.09 | 22.91 | |
| 20 | 16QAM | 50 | 0 | 21.93 | 21.96 | 21.87 | |
| 20 | 16QAM | 50 | 24 | 21.99 | 21.94 | 21.91 | 23.5 |
| 20 | 16QAM | 50 | 50 | 21.95 | 21.94 | 21.84 | |
| 20 | 16QAM | 100 | 0 | 21.96 | 21.88 | 21.90 | |
| 20 | 64QAM | 1 | 0 | 22.03 | 22.16 | 22.07 | |
| 20 | 64QAM | 1 | 49 | 22.06 | 22.07 | 21.67 | 23.5 |
| 20 | 64QAM | 1 | 99 | 22.01 | 22.05 | 21.87 | |
| 20 | 64QAM | 50 | 0 | 20.96 | 21.00 | 20.91 | |
| 20 | 64QAM | 50 | 24 | 21.01 | 20.97 | 20.70 | 22.5 |
| 20 | 64QAM | 50 | 50 | 20.95 | 20.98 | 20.86 | |
| 20 | 64QAM | 100 | 0 | 21.01 | 20.93 | 20.91 | |
| 20 | 256QAM | 1 | 0 | 18.91 | 19.00 | 18.96 | |
| 20 | 256QAM | 1 | 49 | 19.06 | 19.04 | 18.89 | 20.5 |
| 20 | 256QAM | 1 | 99 | 19.02 | 19.08 | 19.06 | |
| 20 | 256QAM | 50 | 0 | 18.87 | 18.88 | 18.89 | |
| 20 | 256QAM | 50 | 24 | 18.85 | 18.92 | 18.94 | 20.5 |
| 20 | 256QAM | 50 | 50 | 18.93 | 18.99 | 18.86 | |
| 20 | 256QAM | 100 | 0 | 18.92 | 18.90 | 18.99 | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.93 | 23.96 | 23.74 | |
| 15 | QPSK | 1 | 37 | 23.77 | 23.83 | 23.62 | 25.5 |
| 15 | QPSK | 1 | 74 | 23.70 | 23.75 | 23.54 | |
| 15 | QPSK | 36 | 0 | 22.84 | 22.88 | 22.79 | |
| 15 | QPSK | 36 | 20 | 22.92 | 22.96 | 22.86 | 24.5 |
| 15 | QPSK | 36 | 39 | 22.89 | 22.92 | 22.81 | |
| 15 | QPSK | 75 | 0 | 22.89 | 22.88 | 22.89 | |
| 15 | 16QAM | 1 | 0 | 23.21 | 23.25 | 23.13 | |
| 15 | 16QAM | 1 | 37 | 23.17 | 23.09 | 23.02 | 24.5 |
| 15 | 16QAM | 1 | 74 | 23.00 | 23.00 | 22.87 | |
| 15 | 16QAM | 36 | 0 | 21.83 | 21.96 | 21.78 | |
| 15 | 16QAM | 36 | 20 | 21.98 | 21.90 | 21.85 | 23.5 |
| 15 | 16QAM | 36 | 39 | 21.89 | 21.92 | 21.78 | |
| 15 | 16QAM | 75 | 0 | 21.95 | 21.85 | 21.82 | |
| 15 | 64QAM | 1 | 0 | 21.98 | 22.14 | 22.00 | |
| 15 | 64QAM | 1 | 37 | 21.96 | 22.02 | 21.61 | 23.5 |
| 15 | 64QAM | 1 | 74 | 21.97 | 22.00 | 21.78 | |
| 15 | 64QAM | 36 | 0 | 20.87 | 20.95 | 20.81 | |
| 15 | 64QAM | 36 | 20 | 20.97 | 20.96 | 20.67 | 22.5 |
| 15 | 64QAM | 36 | 39 | 20.87 | 20.98 | 20.78 | |
| 15 | 64QAM | 75 | 0 | 20.91 | 20.86 | 20.81 | |
| 15 | 256QAM | 1 | 0 | 18.90 | 18.97 | 18.88 | |
| 15 | 256QAM | 1 | 37 | 19.00 | 19.04 | 18.84 | 20.5 |
| 15 | 256QAM | 1 | 74 | 18.99 | 19.04 | 19.04 | |
| 15 | 256QAM | 36 | 0 | 18.80 | 18.86 | 18.81 | |
| 15 | 256QAM | 36 | 20 | 18.79 | 18.89 | 18.90 | 20.5 |
| 15 | 256QAM | 36 | 39 | 18.91 | 18.98 | 18.81 | |
| 15 | 256QAM | 75 | 0 | 18.89 | 18.85 | 18.89 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.93 | 23.88 | 23.76 | |
| 10 | QPSK | 1 | 25 | 23.82 | 23.80 | 23.65 | 25.5 |
| 10 | QPSK | 1 | 49 | 23.66 | 23.74 | 23.54 | |
| 10 | QPSK | 25 | 0 | 22.85 | 22.90 | 22.79 | |
| 10 | QPSK | 25 | 12 | 22.92 | 22.90 | 22.86 | 24.5 |
| 10 | QPSK | 25 | 25 | 22.94 | 22.86 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.83 | 22.86 | 22.84 | |
| 10 | 16QAM | 1 | 0 | 23.23 | 23.25 | 23.19 | |
| 10 | 16QAM | 1 | 25 | 23.13 | 23.12 | 22.99 | 24.5 |
| 10 | 16QAM | 1 | 49 | 23.08 | 23.07 | 22.90 | |
| 10 | 16QAM | 25 | 0 | 21.87 | 21.89 | 21.87 | |
| 10 | 16QAM | 25 | 12 | 21.89 | 21.84 | 21.83 | 23.5 |
| 10 | 16QAM | 25 | 25 | 21.85 | 21.88 | 21.79 | |
| 10 | 16QAM | 50 | 0 | 21.88 | 21.88 | 21.89 | |
| 10 | 64QAM | 1 | 0 | 22.00 | 22.06 | 21.99 | |
| 10 | 64QAM | 1 | 25 | 22.02 | 22.03 | 21.60 | 23.5 |
| 10 | 64QAM | 1 | 49 | 22.00 | 22.05 | 21.82 | |
| 10 | 64QAM | 25 | 0 | 20.94 | 20.98 | 20.83 | |
| 10 | 64QAM | 25 | 12 | 20.97 | 20.92 | 20.63 | 22.5 |
| 10 | 64QAM | 25 | 25 | 20.91 | 20.94 | 20.84 | |
| 10 | 64QAM | 50 | 0 | 20.94 | 20.89 | 20.81 | |
| 10 | 256QAM | 1 | 0 | 18.85 | 18.98 | 18.87 | |
| 10 | 256QAM | 1 | 25 | 19.00 | 19.00 | 18.88 | 20.5 |
| 10 | 256QAM | 1 | 49 | 19.02 | 19.03 | 18.97 | |
| 10 | 256QAM | 25 | 0 | 18.82 | 18.86 | 18.87 | |
| 10 | 256QAM | 25 | 12 | 18.80 | 18.89 | 18.86 | 20.5 |
| 10 | 256QAM | 25 | 25 | 18.89 | 18.95 | 18.80 | |
| 10 | 256QAM | 50 | 0 | 18.88 | 18.81 | 18.98 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.92 | 23.93 | 23.78 | |
| 5 | QPSK | 1 | 12 | 23.74 | 23.75 | 23.66 | 25.5 |
| 5 | QPSK | 1 | 24 | 23.66 | 23.75 | 23.56 | |
| 5 | QPSK | 12 | 0 | 22.87 | 22.97 | 22.79 | |
| 5 | QPSK | 12 | 7 | 22.96 | 22.92 | 22.88 | 24.5 |
| 5 | QPSK | 12 | 13 | 22.90 | 22.89 | 22.81 | |
| 5 | QPSK | 25 | 0 | 22.82 | 22.83 | 22.88 | |
| 5 | 16QAM | 1 | 0 | 23.24 | 23.29 | 23.13 | |
| 5 | 16QAM | 1 | 12 | 23.16 | 23.17 | 23.00 | 24.5 |
| 5 | 16QAM | 1 | 24 | 23.09 | 23.03 | 22.87 | |
| 5 | 16QAM | 12 | 0 | 21.87 | 21.86 | 21.84 | |
| 5 | 16QAM | 12 | 7 | 21.99 | 21.92 | 21.85 | 23.5 |
| 5 | 16QAM | 12 | 13 | 21.86 | 21.88 | 21.83 | |
| 5 | 16QAM | 25 | 0 | 21.87 | 21.81 | 21.84 | |
| 5 | 64QAM | 1 | 0 | 21.98 | 22.07 | 22.04 | |
| 5 | 64QAM | 1 | 12 | 22.02 | 22.03 | 21.63 | 23.5 |
| 5 | 64QAM | 1 | 24 | 21.91 | 22.00 | 21.78 | |
| 5 | 64QAM | 12 | 0 | 20.86 | 20.98 | 20.85 | |
| 5 | 64QAM | 12 | 7 | 21.00 | 20.95 | 20.64 | 22.5 |
| 5 | 64QAM | 12 | 13 | 20.89 | 20.92 | 20.82 | |
| 5 | 64QAM | 25 | 0 | 21.00 | 20.92 | 20.85 | |
| 5 | 256QAM | 1 | 0 | 18.86 | 18.96 | 18.96 | |
| 5 | 256QAM | 1 | 12 | 19.05 | 18.97 | 18.88 | 20.5 |
| 5 | 256QAM | 1 | 24 | 18.99 | 19.03 | 19.05 | |
| 5 | 256QAM | 12 | 0 | 18.82 | 18.86 | 18.88 | |
| 5 | 256QAM | 12 | 7 | 18.78 | 18.88 | 18.90 | 20.5 |
| 5 | 256QAM | 12 | 13 | 18.92 | 18.95 | 18.82 | |
| 5 | 256QAM | 25 | 0 | 18.87 | 18.86 | 18.90 | |
| Channel | | | | 131967 | 132322 | 132677 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.83 | 23.88 | 23.75 | |
| 3 | QPSK | 1 | 8 | 23.81 | 23.83 | 23.66 | 25.5 |
| 3 | QPSK | 1 | 14 | 23.70 | 23.71 | 23.61 | |
| 3 | QPSK | 8 | 0 | 22.88 | 22.96 | 22.83 | |
| 3 | QPSK | 8 | 4 | 22.94 | 22.99 | 22.88 | 24.5 |
| 3 | QPSK | 8 | 7 | 22.94 | 22.86 | 22.75 | |
| 3 | QPSK | 15 | 0 | 22.68 | 22.91 | 22.84 | |
| 3 | 16QAM | 1 | 0 | 23.23 | 23.23 | 23.19 | |
| 3 | 16QAM | 1 | 8 | 23.16 | 23.17 | 22.99 | 24.5 |
| 3 | 16QAM | 1 | 14 | 23.07 | 23.00 | 22.90 | |
| 3 | 16QAM | 8 | 0 | 21.84 | 21.95 | 21.87 | |
| 3 | 16QAM | 8 | 4 | 21.91 | 21.88 | 21.91 | 23.5 |
| 3 | 16QAM | 8 | 7 | 21.94 | 21.86 | 21.77 | |
| 3 | 16QAM | 15 | 0 | 21.96 | 21.80 | 21.87 | |
| 3 | 64QAM | 1 | 0 | 21.97 | 22.10 | 21.97 | |
| 3 | 64QAM | 1 | 8 | 21.96 | 22.05 | 21.59 | 23.5 |
| 3 | 64QAM | 1 | 14 | 21.97 | 21.96 | 21.80 | |
| 3 | 64QAM | 8 | 0 | 20.88 | 20.91 | 20.90 | |
| 3 | 64QAM | 8 | 4 | 21.00 | 20.90 | 20.65 | 22.5 |
| 3 | 64QAM | 8 | 7 | 20.89 | 20.94 | 20.89 | |
| 3 | 64QAM | 15 | 0 | 20.96 | 20.86 | 20.88 | |
| 3 | 256QAM | 1 | 0 | 18.85 | 18.99 | 18.95 | |
| 3 | 256QAM | 1 | 8 | 19.00 | 18.98 | 18.83 | 20.5 |
| 3 | 256QAM | 1 | 14 | 18.98 | 19.01 | 18.96 | |
| 3 | 256QAM | 8 | 0 | 18.77 | 18.80 | 18.86 | |
| 3 | 256QAM | 8 | 4 | 18.84 | 18.92 | 18.89 | 20.5 |
| 3 | 256QAM | 8 | 7 | 18.89 | 18.92 | 18.79 | |
| 3 | 256QAM | 15 | 0 | 18.92 | 18.85 | 18.93 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.78 | 23.79 | 23.62 | |
| 1.4 | QPSK | 1 | 3 | 23.81 | 23.82 | 23.79 | |
| 1.4 | QPSK | 1 | 5 | 23.75 | 23.77 | 23.61 | 25.5 |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.85 | 23.67 | |
| 1.4 | QPSK | 3 | 1 | 23.85 | 23.88 | 23.69 | |
| 1.4 | QPSK | 3 | 3 | 23.81 | 23.82 | 23.63 | |
| 1.4 | QPSK | 6 | 0 | 22.87 | 22.87 | 22.71 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 23.09 | 23.12 | 22.93 | |
| 1.4 | 16QAM | 1 | 3 | 23.17 | 23.19 | 23.01 | |
| 1.4 | 16QAM | 1 | 5 | 23.11 | 23.12 | 22.94 | 24.5 |
| 1.4 | 16QAM | 3 | 0 | 22.87 | 22.92 | 22.76 | |
| 1.4 | 16QAM | 3 | 1 | 22.95 | 22.99 | 22.79 | |
| 1.4 | 16QAM | 3 | 3 | 22.87 | 22.91 | 22.76 | |
| 1.4 | 16QAM | 6 | 0 | 21.92 | 21.93 | 21.77 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.83 | 22.09 | 21.92 | |
| 1.4 | 64QAM | 1 | 3 | 21.92 | 22.13 | 21.98 | |
| 1.4 | 64QAM | 1 | 5 | 21.86 | 22.06 | 21.88 | 23.5 |
| 1.4 | 64QAM | 3 | 0 | 21.83 | 22.04 | 21.87 | |
| 1.4 | 64QAM | 3 | 1 | 22.00 | 22.05 | 21.91 | |
| 1.4 | 64QAM | 3 | 3 | 21.92 | 22.04 | 21.84 | |
| 1.4 | 64QAM | 6 | 0 | 20.75 | 20.90 | 20.73 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.87 | 18.90 | 18.86 | |
| 1.4 | 256QAM | 1 | 3 | 18.99 | 19.00 | 18.79 | |
| 1.4 | 256QAM | 1 | 5 | 18.92 | 18.98 | 18.98 | 20.5 |
| 1.4 | 256QAM | 3 | 0 | 18.84 | 18.85 | 18.79 | |
| 1.4 | 256QAM | 3 | 1 | 18.76 | 18.90 | 18.85 | |
| 1.4 | 256QAM | 3 | 3 | 18.92 | 18.89 | 18.85 | |
| 1.4 | 256QAM | 6 | 0 | 18.85 | 18.80 | 18.98 | 20.5 |

## Band 71_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 133222 | 133322 | 133372 | |
| Frequency (MHz) | | | | 673 | 683 | 688 | |
| 20 | QPSK | 1 | 0 | 23.48 | 23.49 | 23.37 | 25 |
| 20 | QPSK | 1 | 49 | 23.42 | 23.41 | 23.37 | |
| 20 | QPSK | 1 | 99 | 23.35 | 23.39 | 23.35 | |
| 20 | QPSK | 50 | 0 | 22.57 | 22.58 | 22.46 | 24 |
| 20 | QPSK | 50 | 24 | 22.54 | 22.49 | 22.48 | |
| 20 | QPSK | 50 | 50 | 22.56 | 22.51 | 22.50 | |
| 20 | QPSK | 100 | 0 | 22.51 | 22.52 | 22.46 | |
| 20 | 16QAM | 1 | 0 | 22.86 | 22.82 | 22.74 | 24 |
| 20 | 16QAM | 1 | 49 | 22.77 | 22.77 | 22.76 | |
| 20 | 16QAM | 1 | 99 | 22.71 | 22.72 | 22.71 | |
| 20 | 16QAM | 50 | 0 | 21.58 | 21.53 | 21.48 | 23 |
| 20 | 16QAM | 50 | 24 | 21.61 | 21.51 | 21.49 | |
| 20 | 16QAM | 50 | 50 | 21.58 | 21.53 | 21.50 | |
| 20 | 16QAM | 100 | 0 | 21.59 | 21.48 | 21.46 | |
| 20 | 64QAM | 1 | 0 | 21.73 | 21.67 | 21.63 | 23 |
| 20 | 64QAM | 1 | 49 | 21.66 | 21.60 | 21.56 | |
| 20 | 64QAM | 1 | 99 | 21.59 | 21.63 | 21.60 | |
| 20 | 64QAM | 50 | 0 | 20.50 | 20.56 | 20.47 | 22 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.54 | 20.51 | |
| 20 | 64QAM | 50 | 50 | 20.60 | 20.56 | 20.53 | |
| 20 | 64QAM | 100 | 0 | 20.61 | 20.52 | 20.49 | |
| 20 | 256QAM | 1 | 0 | 18.58 | 18.44 | 18.57 | 20 |
| 20 | 256QAM | 1 | 49 | 18.57 | 18.32 | 18.46 | |
| 20 | 256QAM | 1 | 99 | 18.46 | 18.45 | 18.49 | |
| 20 | 256QAM | 50 | 0 | 18.47 | 18.43 | 18.39 | 20 |
| 20 | 256QAM | 50 | 24 | 18.41 | 18.38 | 18.29 | |
| 20 | 256QAM | 50 | 50 | 18.35 | 18.35 | 18.27 | |
| 20 | 256QAM | 100 | 0 | 18.43 | 18.36 | 18.29 | |
| Channel | | | | 133197 | 133297 | 133397 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 23.41 | 23.46 | 23.29 | 25 |
| 15 | QPSK | 1 | 37 | 23.40 | 23.37 | 23.35 | |
| 15 | QPSK | 1 | 74 | 23.25 | 23.32 | 23.27 | |
| 15 | QPSK | 36 | 0 | 22.49 | 22.48 | 22.41 | 24 |
| 15 | QPSK | 36 | 20 | 22.50 | 22.45 | 22.40 | |
| 15 | QPSK | 36 | 39 | 22.47 | 22.41 | 22.44 | |
| 15 | QPSK | 75 | 0 | 22.47 | 22.45 | 22.42 | |
| 15 | 16QAM | 1 | 0 | 22.80 | 22.82 | 22.71 | 24 |
| 15 | 16QAM | 1 | 37 | 22.75 | 22.67 | 22.69 | |
| 15 | 16QAM | 1 | 74 | 22.68 | 22.70 | 22.70 | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.53 | 21.44 | 23 |
| 15 | 16QAM | 36 | 20 | 21.56 | 21.42 | 21.44 | |
| 15 | 16QAM | 36 | 39 | 21.48 | 21.51 | 21.45 | |
| 15 | 16QAM | 75 | 0 | 21.53 | 21.41 | 21.44 | |
| 15 | 64QAM | 1 | 0 | 21.65 | 21.57 | 21.62 | 23 |
| 15 | 64QAM | 1 | 37 | 21.56 | 21.51 | 21.55 | |
| 15 | 64QAM | 1 | 74 | 21.50 | 21.58 | 21.60 | |
| 15 | 64QAM | 36 | 0 | 20.47 | 20.49 | 20.42 | 22 |
| 15 | 64QAM | 36 | 20 | 20.62 | 20.54 | 20.50 | |
| 15 | 64QAM | 36 | 39 | 20.52 | 20.54 | 20.50 | |
| 15 | 64QAM | 75 | 0 | 20.58 | 20.48 | 20.49 | |
| 15 | 256QAM | 1 | 0 | 18.53 | 18.40 | 18.55 | 20 |
| 15 | 256QAM | 1 | 37 | 18.52 | 18.31 | 18.43 | |
| 15 | 256QAM | 1 | 74 | 18.45 | 18.35 | 18.47 | |
| 15 | 256QAM | 36 | 0 | 18.43 | 18.40 | 18.34 | 20 |
| 15 | 256QAM | 36 | 20 | 18.38 | 18.35 | 18.23 | |
| 15 | 256QAM | 36 | 39 | 18.29 | 18.30 | 18.22 | |
| 15 | 256QAM | 75 | 0 | 18.39 | 18.33 | 18.19 | |
| Channel | | | | 133172 | 133272 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 678 | 693 | |
| 10 | QPSK | 1 | 0 | 23.40 | 23.48 | 23.35 | 25 |
| 10 | QPSK | 1 | 25 | 23.40 | 23.38 | 23.34 | |
| 10 | QPSK | 1 | 49 | 23.25 | 23.34 | 23.34 | |
| 10 | QPSK | 25 | 0 | 22.57 | 22.53 | 22.39 | 24 |
| 10 | QPSK | 25 | 12 | 22.53 | 22.46 | 22.47 | |
| 10 | QPSK | 25 | 25 | 22.51 | 22.48 | 22.40 | |
| 10 | QPSK | 50 | 0 | 22.48 | 22.45 | 22.40 | |
| 10 | 16QAM | 1 | 0 | 22.85 | 22.82 | 22.70 | 24 |
| 10 | 16QAM | 1 | 25 | 22.67 | 22.69 | 22.76 | |
| 10 | 16QAM | 1 | 49 | 22.64 | 22.62 | 22.65 | |
| 10 | 16QAM | 25 | 0 | 21.52 | 21.52 | 21.39 | 23 |
| 10 | 16QAM | 25 | 12 | 21.58 | 21.51 | 21.46 | |
| 10 | 16QAM | 25 | 25 | 21.50 | 21.43 | 21.46 | |
| 10 | 16QAM | 50 | 0 | 21.54 | 21.48 | 21.40 | |
| 10 | 64QAM | 1 | 0 | 21.72 | 21.63 | 21.55 | 23 |
| 10 | 64QAM | 1 | 25 | 21.64 | 21.57 | 21.53 | |
| 10 | 64QAM | 1 | 49 | 21.49 | 21.55 | 21.59 | |
| 10 | 64QAM | 25 | 0 | 20.40 | 20.56 | 20.40 | 22 |
| 10 | 64QAM | 25 | 12 | 20.62 | 20.45 | 20.45 | |
| 10 | 64QAM | 25 | 25 | 20.58 | 20.53 | 20.51 | |
| 10 | 64QAM | 50 | 0 | 20.56 | 20.50 | 20.42 | |
| 10 | 256QAM | 1 | 0 | 18.49 | 18.39 | 18.52 | 20 |
| 10 | 256QAM | 1 | 25 | 18.47 | 18.24 | 18.41 | |
| 10 | 256QAM | 1 | 49 | 18.45 | 18.43 | 18.44 | |
| 10 | 256QAM | 25 | 0 | 18.38 | 18.40 | 18.32 | 20 |
| 10 | 256QAM | 25 | 12 | 18.34 | 18.28 | 18.23 | |
| 10 | 256QAM | 25 | 25 | 18.33 | 18.34 | 18.23 | |
| 10 | 256QAM | 50 | 0 | 18.41 | 18.28 | 18.23 | |
| Channel | | | | 133147 | 133247 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 675.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 23.41 | 23.45 | 23.31 | 25 |
| 5 | QPSK | 1 | 12 | 23.38 | 23.41 | 23.31 | |
| 5 | QPSK | 1 | 24 | 23.28 | 23.38 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.50 | 22.55 | 22.38 | 24 |
| 5 | QPSK | 12 | 7 | 22.45 | 22.43 | 22.39 | |
| 5 | QPSK | 12 | 13 | 22.50 | 22.44 | 22.46 | |
| 5 | QPSK | 25 | 0 | 22.43 | 22.44 | 22.42 | |
| 5 | 16QAM | 1 | 0 | 22.79 | 22.77 | 22.65 | 24 |
| 5 | 16QAM | 1 | 12 | 22.70 | 22.74 | 22.67 | |
| 5 | 16QAM | 1 | 24 | 22.62 | 22.69 | 22.62 | |
| 5 | 16QAM | 12 | 0 | 21.49 | 21.52 | 21.46 | 23 |
| 5 | 16QAM | 12 | 7 | 21.54 | 21.46 | 21.40 | |
| 5 | 16QAM | 12 | 13 | 21.49 | 21.48 | 21.49 | |
| 5 | 16QAM | 25 | 0 | 21.53 | 21.39 | 21.46 | |
| 5 | 64QAM | 1 | 0 | 21.73 | 21.60 | 21.58 | 23 |
| 5 | 64QAM | 1 | 12 | 21.62 | 21.58 | 21.55 | |
| 5 | 64QAM | 1 | 24 | 21.59 | 21.60 | 21.59 | |
| 5 | 64QAM | 12 | 0 | 20.46 | 20.47 | 20.43 | 22 |
| 5 | 64QAM | 12 | 7 | 20.61 | 20.53 | 20.49 | |
| 5 | 64QAM | 12 | 13 | 20.50 | 20.54 | 20.46 | |
| 5 | 64QAM | 25 | 0 | 20.59 | 20.52 | 20.47 | |
| 5 | 256QAM | 1 | 0 | 18.55 | 18.38 | 18.49 | 20 |
| 5 | 256QAM | 1 | 12 | 18.57 | 18.23 | 18.46 | |
| 5 | 256QAM | 1 | 24 | 18.42 | 18.41 | 18.48 | |
| 5 | 256QAM | 12 | 0 | 18.47 | 18.35 | 18.32 | 20 |
| 5 | 256QAM | 12 | 7 | 18.40 | 18.32 | 18.27 | |
| 5 | 256QAM | 12 | 13 | 18.30 | 18.26 | 18.20 | |
| 5 | 256QAM | 25 | 0 | 18.34 | 18.27 | 18.22 | |

## Band 2_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 23.90 | 24.03 | 24.24 | 25.7 |
| 20 | QPSK | 1 | 49 | 23.88 | 24.13 | 24.23 | |
| 20 | QPSK | 1 | 99 | 24.08 | 24.14 | 24.18 | |
| 20 | QPSK | 50 | 0 | 23.02 | 23.19 | 23.22 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.14 | 23.25 | 23.26 | |
| 20 | QPSK | 50 | 50 | 23.16 | 23.30 | 23.35 | |
| 20 | QPSK | 100 | 0 | 23.14 | 23.16 | 23.32 | |
| 20 | 16QAM | 1 | 0 | 23.27 | 23.30 | 23.51 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.16 | 23.49 | 23.35 | |
| 20 | 16QAM | 1 | 99 | 23.34 | 23.42 | 23.48 | |
| 20 | 16QAM | 50 | 0 | 22.03 | 22.09 | 22.27 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.13 | 22.23 | 22.28 | |
| 20 | 16QAM | 50 | 50 | 22.24 | 22.33 | 22.40 | |
| 20 | 16QAM | 100 | 0 | 22.14 | 22.21 | 22.20 | |
| 20 | 64QAM | 1 | 0 | 22.48 | 22.19 | 22.35 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.07 | 22.33 | 21.57 | |
| 20 | 64QAM | 1 | 99 | 22.27 | 22.43 | 21.88 | |
| 20 | 64QAM | 50 | 0 | 21.10 | 21.20 | 20.75 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.18 | 21.26 | 20.74 | |
| 20 | 64QAM | 50 | 50 | 21.16 | 21.30 | 20.98 | |
| 20 | 64QAM | 100 | 0 | 21.14 | 21.23 | 20.70 | |
| 20 | 256QAM | 1 | 0 | 19.93 | 19.58 | 19.70 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.62 | 19.72 | 19.74 | |
| 20 | 256QAM | 1 | 99 | 19.87 | 19.78 | 19.91 | |
| 20 | 256QAM | 50 | 0 | 19.86 | 19.53 | 19.60 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.70 | 19.60 | 19.69 | |
| 20 | 256QAM | 50 | 50 | 19.70 | 19.77 | 19.77 | |
| 20 | 256QAM | 100 | 0 | 19.62 | 19.62 | 19.71 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 23.84 | 23.97 | 24.16 | 25.7 |
| 15 | QPSK | 1 | 37 | 23.83 | 24.04 | 24.13 | |
| 15 | QPSK | 1 | 74 | 24.08 | 24.12 | 24.11 | |
| 15 | QPSK | 36 | 0 | 23.00 | 23.16 | 23.15 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.04 | 23.25 | 23.26 | |
| 15 | QPSK | 36 | 39 | 23.15 | 23.30 | 23.34 | |
| 15 | QPSK | 75 | 0 | 23.13 | 23.15 | 23.23 | |
| 15 | 16QAM | 1 | 0 | 23.22 | 23.28 | 23.50 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.08 | 23.41 | 23.25 | |
| 15 | 16QAM | 1 | 74 | 23.30 | 23.32 | 23.44 | |
| 15 | 16QAM | 36 | 0 | 21.95 | 22.03 | 22.27 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.06 | 22.16 | 22.24 | |
| 15 | 16QAM | 36 | 39 | 22.24 | 22.23 | 22.30 | |
| 15 | 16QAM | 75 | 0 | 22.10 | 22.15 | 22.14 | |
| 15 | 64QAM | 1 | 0 | 22.48 | 22.09 | 22.28 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.00 | 22.25 | 21.70 | |
| 15 | 64QAM | 1 | 74 | 22.20 | 22.35 | 21.78 | |
| 15 | 64QAM | 36 | 0 | 21.10 | 21.15 | 20.70 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.17 | 21.17 | 20.71 | |
| 15 | 64QAM | 36 | 39 | 21.09 | 21.28 | 20.93 | |
| 15 | 64QAM | 75 | 0 | 21.11 | 21.15 | 20.70 | |
| 15 | 256QAM | 1 | 0 | 19.92 | 19.49 | 19.63 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.52 | 19.63 | 19.64 | |
| 15 | 256QAM | 1 | 74 | 19.83 | 19.72 | 19.84 | |
| 15 | 256QAM | 36 | 0 | 19.81 | 19.50 | 19.59 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.61 | 19.58 | 19.66 | |
| 15 | 256QAM | 36 | 39 | 19.66 | 19.71 | 19.71 | |
| 15 | 256QAM | 75 | 0 | 19.54 | 19.55 | 19.71 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 23.89 | 23.96 | 24.11 | 25.7 |
| 10 | QPSK | 1 | 25 | 23.86 | 24.05 | 24.06 | |
| 10 | QPSK | 1 | 49 | 24.06 | 24.05 | 24.12 | |
| 10 | QPSK | 25 | 0 | 22.92 | 23.13 | 23.12 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.08 | 23.18 | 23.19 | |
| 10 | QPSK | 25 | 25 | 23.08 | 23.21 | 23.28 | |
| 10 | QPSK | 50 | 0 | 23.12 | 23.06 | 23.31 | |
| 10 | 16QAM | 1 | 0 | 23.18 | 23.23 | 23.41 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.15 | 23.47 | 23.32 | |
| 10 | 16QAM | 1 | 49 | 23.33 | 23.37 | 23.40 | |
| 10 | 16QAM | 25 | 0 | 21.96 | 22.07 | 22.21 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.06 | 22.15 | 22.23 | |
| 10 | 16QAM | 25 | 25 | 22.20 | 22.26 | 22.34 | |
| 10 | 16QAM | 50 | 0 | 22.08 | 22.13 | 22.10 | |
| 10 | 64QAM | 1 | 0 | 22.46 | 22.12 | 22.33 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.07 | 22.30 | 21.70 | |
| 10 | 64QAM | 1 | 49 | 22.23 | 22.37 | 21.78 | |
| 10 | 64QAM | 25 | 0 | 21.07 | 21.11 | 20.70 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.10 | 21.19 | 20.71 | |
| 10 | 64QAM | 25 | 25 | 21.15 | 21.21 | 20.96 | |
| 10 | 64QAM | 50 | 0 | 21.08 | 21.20 | 20.70 | |
| 10 | 256QAM | 1 | 0 | 19.92 | 19.53 | 19.64 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.55 | 19.69 | 19.70 | |
| 10 | 256QAM | 1 | 49 | 19.87 | 19.69 | 19.86 | |
| 10 | 256QAM | 25 | 0 | 19.79 | 19.47 | 19.52 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.62 | 19.54 | 19.63 | |
| 10 | 256QAM | 25 | 25 | 19.62 | 19.76 | 19.77 | |
| 10 | 256QAM | 50 | 0 | 19.57 | 19.57 | 19.66 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 23.80 | 23.97 | 24.12 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.88 | 24.09 | 24.16 | |
| 5 | QPSK | 1 | 24 | 24.04 | 24.07 | 24.08 | |
| 5 | QPSK | 12 | 0 | 22.93 | 23.12 | 23.13 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.11 | 23.19 | 23.19 | |
| 5 | QPSK | 12 | 13 | 23.13 | 23.23 | 23.27 | |
| 5 | QPSK | 25 | 0 | 23.11 | 23.13 | 23.29 | |
| 5 | 16QAM | 1 | 0 | 23.18 | 23.27 | 23.41 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.16 | 23.40 | 23.27 | |
| 5 | 16QAM | 1 | 24 | 23.26 | 23.40 | 23.44 | |
| 5 | 16QAM | 12 | 0 | 21.98 | 22.00 | 22.25 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.05 | 22.14 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.16 | 22.33 | 22.33 | |
| 5 | 16QAM | 25 | 0 | 22.05 | 22.21 | 22.13 | |
| 5 | 64QAM | 1 | 0 | 22.46 | 22.19 | 22.26 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.03 | 22.32 | 21.70 | |
| 5 | 64QAM | 1 | 24 | 22.24 | 22.41 | 21.81 | |
| 5 | 64QAM | 12 | 0 | 21.04 | 21.18 | 20.70 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.10 | 21.25 | 20.70 | |
| 5 | 64QAM | 12 | 13 | 21.15 | 21.22 | 20.94 | |
| 5 | 64QAM | 25 | 0 | 21.09 | 21.21 | 20.70 | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.58 | 19.60 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.59 | 19.64 | 19.72 | |
| 5 | 256QAM | 1 | 24 | 19.82 | 19.72 | 19.88 | |
| 5 | 256QAM | 12 | 0 | 19.80 | 19.44 | 19.56 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.59 | 19.59 | |
| 5 | 256QAM | 12 | 13 | 19.61 | 19.72 | 19.71 | |
| 5 | 256QAM | 25 | 0 | 19.56 | 19.56 | 19.68 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 23.88 | 23.94 | 24.12 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.81 | 24.09 | 24.10 | |
| 3 | QPSK | 1 | 14 | 24.03 | 24.06 | 24.08 | |
| 3 | QPSK | 8 | 0 | 22.95 | 23.15 | 23.13 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.07 | 23.18 | 23.25 | |
| 3 | QPSK | 8 | 7 | 23.09 | 23.24 | 23.29 | |
| 3 | QPSK | 15 | 0 | 23.12 | 23.12 | 23.23 | |
| 3 | 16QAM | 1 | 0 | 23.19 | 23.27 | 23.46 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.06 | 23.40 | 23.29 | |
| 3 | 16QAM | 1 | 14 | 23.29 | 23.36 | 23.42 | |
| 3 | 16QAM | 8 | 0 | 22.03 | 21.99 | 22.27 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.03 | 22.16 | 22.22 | |
| 3 | 16QAM | 8 | 7 | 22.18 | 22.28 | 22.36 | |
| 3 | 16QAM | 15 | 0 | 22.14 | 22.12 | 22.16 | |
| 3 | 64QAM | 1 | 0 | 22.38 | 22.11 | 22.28 | 23.7 |
| 3 | 64QAM | 1 | 8 | 21.99 | 22.30 | 21.70 | |
| 3 | 64QAM | 1 | 14 | 22.20 | 22.38 | 21.81 | |
| 3 | 64QAM | 8 | 0 | 21.06 | 21.16 | 20.70 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.15 | 21.21 | 20.70 | |
| 3 | 64QAM | 8 | 7 | 21.08 | 21.28 | 20.88 | |
| 3 | 64QAM | 15 | 0 | 21.06 | 21.23 | 20.70 | |
| 3 | 256QAM | 1 | 0 | 19.87 | 19.56 | 19.67 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.52 | 19.63 | 19.72 | |
| 3 | 256QAM | 1 | 14 | 19.84 | 19.77 | 19.85 | |
| 3 | 256QAM | 8 | 0 | 19.81 | 19.44 | 19.57 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.66 | 19.59 | 19.68 | |
| 3 | 256QAM | 8 | 7 | 19.60 | 19.73 | 19.76 | |
| 3 | 256QAM | 15 | 0 | 19.60 | 19.62 | 19.69 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 23.86 | 23.99 | 24.18 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.90 | 24.15 | 24.16 | |
| 1.4 | QPSK | 1 | 5 | 23.84 | 24.08 | 24.16 | |
| 1.4 | QPSK | 3 | 0 | 23.88 | 24.05 | 24.19 | |
| 1.4 | QPSK | 3 | 1 | 23.94 | 24.14 | 24.23 | |
| 1.4 | QPSK | 3 | 3 | 23.89 | 24.10 | 24.19 | |
| 1.4 | QPSK | 6 | 0 | 22.95 | 23.11 | 23.28 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.22 | 23.37 | 23.46 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.28 | 23.46 | 23.53 | |
| 1.4 | 16QAM | 1 | 5 | 23.21 | 23.33 | 23.45 | |
| 1.4 | 16QAM | 3 | 0 | 22.93 | 23.10 | 23.26 | |
| 1.4 | 16QAM | 3 | 1 | 23.01 | 23.23 | 23.28 | |
| 1.4 | 16QAM | 3 | 3 | 22.98 | 23.15 | 23.23 | |
| 1.4 | 16QAM | 6 | 0 | 22.04 | 22.18 | 22.33 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.11 | 22.29 | 22.20 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.17 | 22.40 | 22.12 | |
| 1.4 | 64QAM | 1 | 5 | 22.07 | 22.31 | 22.10 | |
| 1.4 | 64QAM | 3 | 0 | 22.05 | 22.19 | 22.19 | |
| 1.4 | 64QAM | 3 | 1 | 22.10 | 22.34 | 22.28 | |
| 1.4 | 64QAM | 3 | 3 | 22.07 | 22.30 | 22.15 | |
| 1.4 | 64QAM | 6 | 0 | 21.03 | 21.09 | 21.16 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.76 | 19.51 | 19.63 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.83 | 19.62 | 19.68 | |
| 1.4 | 256QAM | 1 | 5 | 19.78 | 19.65 | 19.82 | |
| 1.4 | 256QAM | 3 | 0 | 19.85 | 19.54 | 19.62 | |
| 1.4 | 256QAM | 3 | 1 | 19.58 | 19.60 | 19.67 | |
| 1.4 | 256QAM | 3 | 3 | 19.62 | 19.67 | 19.78 | |
| 1.4 | 256QAM | 6 | 0 | 19.57 | 19.54 | 19.68 | 20.7 |

## Band 4_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 24.21 | 24.31 | 24.32 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.24 | 24.22 | 24.18 | |
| 20 | QPSK | 1 | 99 | 24.27 | 24.27 | 24.29 | |
| 20 | QPSK | 50 | 0 | 23.32 | 23.39 | 23.30 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.44 | 23.37 | 23.32 | |
| 20 | QPSK | 50 | 50 | 23.38 | 23.40 | 23.34 | |
| 20 | QPSK | 100 | 0 | 23.39 | 23.41 | 23.31 | |
| 20 | 16QAM | 1 | 0 | 23.55 | 23.58 | 23.56 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.52 | 23.60 | 23.57 | |
| 20 | 16QAM | 1 | 99 | 23.64 | 23.53 | 23.53 | |
| 20 | 16QAM | 50 | 0 | 22.37 | 22.41 | 22.37 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.45 | 22.38 | 22.26 | |
| 20 | 16QAM | 50 | 50 | 22.41 | 22.42 | 22.35 | |
| 20 | 16QAM | 100 | 0 | 22.37 | 22.37 | 22.26 | |
| 20 | 64QAM | 1 | 0 | 21.70 | 22.51 | 21.94 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.49 | 22.39 | 22.36 | |
| 20 | 64QAM | 1 | 99 | 22.45 | 22.21 | 22.54 | |
| 20 | 64QAM | 50 | 0 | 21.12 | 21.43 | 21.08 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.44 | 21.22 | 21.32 | |
| 20 | 64QAM | 50 | 50 | 21.41 | 21.05 | 21.38 | |
| 20 | 64QAM | 100 | 0 | 21.37 | 21.26 | 21.32 | |
| 20 | 256QAM | 1 | 0 | 19.70 | 19.86 | 19.85 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.98 | 19.72 | 19.69 | |
| 20 | 256QAM | 1 | 99 | 19.89 | 19.94 | 19.89 | |
| 20 | 256QAM | 50 | 0 | 19.66 | 19.72 | 19.71 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.75 | 19.73 | 19.61 | |
| 20 | 256QAM | 50 | 50 | 19.81 | 19.81 | 19.68 | |
| 20 | 256QAM | 100 | 0 | 19.79 | 19.72 | 19.67 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 24.15 | 24.31 | 24.22 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.15 | 24.17 | 24.12 | |
| 15 | QPSK | 1 | 74 | 24.21 | 24.25 | 24.29 | |
| 15 | QPSK | 36 | 0 | 23.30 | 23.35 | 23.25 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.43 | 23.30 | 23.22 | |
| 15 | QPSK | 36 | 39 | 23.37 | 23.35 | 23.24 | |
| 15 | QPSK | 75 | 0 | 23.39 | 23.39 | 23.29 | |
| 15 | 16QAM | 1 | 0 | 23.50 | 23.58 | 23.56 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.52 | 23.53 | 23.48 | |
| 15 | 16QAM | 1 | 74 | 23.58 | 23.44 | 23.45 | |
| 15 | 16QAM | 36 | 0 | 22.37 | 22.38 | 22.35 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.36 | 22.30 | 22.24 | |
| 15 | 16QAM | 36 | 39 | 22.34 | 22.36 | 22.33 | |
| 15 | 16QAM | 75 | 0 | 22.33 | 22.31 | 22.16 | |
| 15 | 64QAM | 1 | 0 | 21.72 | 22.42 | 21.88 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.47 | 22.33 | 22.36 | |
| 15 | 64QAM | 1 | 74 | 22.42 | 22.12 | 22.51 | |
| 15 | 64QAM | 36 | 0 | 21.11 | 21.42 | 21.00 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.44 | 21.19 | 21.31 | |
| 15 | 64QAM | 36 | 39 | 21.40 | 20.96 | 21.30 | |
| 15 | 64QAM | 75 | 0 | 21.31 | 21.17 | 21.26 | |
| 15 | 256QAM | 1 | 0 | 19.70 | 19.83 | 19.83 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.96 | 19.65 | 19.66 | |
| 15 | 256QAM | 1 | 74 | 19.83 | 19.91 | 19.87 | |
| 15 | 256QAM | 36 | 0 | 19.63 | 19.69 | 19.63 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.67 | 19.72 | 19.61 | |
| 15 | 256QAM | 36 | 39 | 19.77 | 19.75 | 19.60 | |
| 15 | 256QAM | 75 | 0 | 19.79 | 19.69 | 19.61 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 24.20 | 24.26 | 24.24 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.18 | 24.21 | 24.13 | |
| 10 | QPSK | 1 | 49 | 24.22 | 24.18 | 24.24 | |
| 10 | QPSK | 25 | 0 | 23.28 | 23.32 | 23.20 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.42 | 23.32 | 23.29 | |
| 10 | QPSK | 25 | 25 | 23.33 | 23.32 | 23.34 | |
| 10 | QPSK | 50 | 0 | 23.33 | 23.32 | 23.24 | |
| 10 | 16QAM | 1 | 0 | 23.50 | 23.55 | 23.52 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.48 | 23.59 | 23.56 | |
| 10 | 16QAM | 1 | 49 | 23.60 | 23.52 | 23.53 | |
| 10 | 16QAM | 25 | 0 | 22.34 | 22.34 | 22.29 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.40 | 22.36 | 22.20 | |
| 10 | 16QAM | 25 | 25 | 22.38 | 22.34 | 22.29 | |
| 10 | 16QAM | 50 | 0 | 22.31 | 22.37 | 22.22 | |
| 10 | 64QAM | 1 | 0 | 21.71 | 22.51 | 21.91 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.45 | 22.39 | 22.30 | |
| 10 | 64QAM | 1 | 49 | 22.43 | 22.14 | 22.45 | |
| 10 | 64QAM | 25 | 0 | 21.04 | 21.38 | 21.00 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.41 | 21.18 | 21.27 | |
| 10 | 64QAM | 25 | 25 | 21.32 | 21.05 | 21.36 | |
| 10 | 64QAM | 50 | 0 | 21.33 | 21.18 | 21.29 | |
| 10 | 256QAM | 1 | 0 | 19.63 | 19.86 | 19.77 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.92 | 19.71 | 19.61 | |
| 10 | 256QAM | 1 | 49 | 19.79 | 19.90 | 19.87 | |
| 10 | 256QAM | 25 | 0 | 19.60 | 19.64 | 19.67 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.75 | 19.72 | 19.53 | |
| 10 | 256QAM | 25 | 25 | 19.74 | 19.75 | 19.65 | |
| 10 | 256QAM | 50 | 0 | 19.73 | 19.66 | 19.64 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 24.19 | 24.22 | 24.31 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.21 | 24.14 | 24.16 | |
| 5 | QPSK | 1 | 24 | 24.23 | 24.20 | 24.19 | |
| 5 | QPSK | 12 | 0 | 23.22 | 23.38 | 23.26 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.42 | 23.27 | 23.22 | |
| 5 | QPSK | 12 | 13 | 23.28 | 23.33 | 23.34 | |
| 5 | QPSK | 25 | 0 | 23.29 | 23.35 | 23.23 | |
| 5 | 16QAM | 1 | 0 | 23.47 | 23.48 | 23.50 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.43 | 23.52 | 23.53 | |
| 5 | 16QAM | 1 | 24 | 23.56 | 23.45 | 23.46 | |
| 5 | 16QAM | 12 | 0 | 22.34 | 22.34 | 22.28 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.38 | 22.32 | 22.17 | |
| 5 | 16QAM | 12 | 13 | 22.34 | 22.35 | 22.32 | |
| 5 | 16QAM | 25 | 0 | 22.36 | 22.34 | 22.21 | |
| 5 | 64QAM | 1 | 0 | 21.70 | 22.44 | 21.89 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.41 | 22.32 | 22.33 | |
| 5 | 64QAM | 1 | 24 | 22.45 | 22.13 | 22.50 | |
| 5 | 64QAM | 12 | 0 | 21.12 | 21.34 | 21.06 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.37 | 21.16 | 21.39 | |
| 5 | 64QAM | 12 | 13 | 21.31 | 21.02 | 21.33 | |
| 5 | 64QAM | 25 | 0 | 21.27 | 21.22 | 21.22 | |
| 5 | 256QAM | 1 | 0 | 19.67 | 19.85 | 19.77 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.98 | 19.72 | 19.64 | |
| 5 | 256QAM | 1 | 24 | 19.88 | 19.90 | 19.86 | |
| 5 | 256QAM | 12 | 0 | 19.56 | 19.62 | 19.71 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.69 | 19.73 | 19.54 | |
| 5 | 256QAM | 12 | 13 | 19.79 | 19.76 | 19.62 | |
| 5 | 256QAM | 25 | 0 | 19.69 | 19.64 | 19.66 | |
| Channel | | | | 19925 | 20175 | 20425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 24.20 | 24.22 | 24.24 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.22 | 24.22 | 24.12 | |
| 3 | QPSK | 1 | 14 | 24.20 | 24.27 | 24.19 | |
| 3 | QPSK | 8 | 0 | 23.22 | 23.38 | 23.29 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.38 | 23.30 | 23.25 | |
| 3 | QPSK | 8 | 7 | 23.33 | 23.32 | 23.34 | |
| 3 | QPSK | 15 | 0 | 23.33 | 23.40 | 23.22 | |
| 3 | 16QAM | 1 | 0 | 23.49 | 23.49 | 23.52 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.50 | 23.55 | 23.47 | |
| 3 | 16QAM | 1 | 14 | 23.57 | 23.45 | 23.52 | |
| 3 | 16QAM | 8 | 0 | 22.36 | 22.41 | 22.30 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.37 | 22.34 | 22.29 | |
| 3 | 16QAM | 8 | 7 | 22.31 | 22.36 | 22.32 | |
| 3 | 16QAM | 15 | 0 | 22.35 | 22.36 | 22.24 | |
| 3 | 64QAM | 1 | 0 | 21.70 | 22.51 | 21.92 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.49 | 22.32 | 22.29 | |
| 3 | 64QAM | 1 | 14 | 22.38 | 22.19 | 22.47 | |
| 3 | 64QAM | 8 | 0 | 21.08 | 21.34 | 20.99 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.41 | 21.17 | 21.24 | |
| 3 | 64QAM | 8 | 7 | 21.32 | 20.98 | 21.38 | |
| 3 | 64QAM | 15 | 0 | 21.34 | 21.25 | 21.31 | |
| 3 | 256QAM | 1 | 0 | 19.67 | 19.83 | 19.84 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.96 | 19.63 | 19.65 | |
| 3 | 256QAM | 1 | 14 | 19.85 | 19.94 | 19.89 | |
| 3 | 256QAM | 8 | 0 | 19.61 | 19.71 | 19.65 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.74 | 19.73 | 19.57 | |
| 3 | 256QAM | 8 | 7 | 19.71 | 19.76 | 19.59 | |
| 3 | 256QAM | 15 | 0 | 19.73 | 19.68 | 19.63 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 24.05 | 24.22 | 24.04 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.13 | 24.23 | 24.08 | |
| 1.4 | QPSK | 1 | 5 | 24.09 | 24.17 | 24.02 | |
| 1.4 | QPSK | 3 | 0 | 24.09 | 24.19 | 24.09 | |
| 1.4 | QPSK | 3 | 1 | 24.15 | 24.23 | 24.15 | |
| 1.4 | QPSK | 3 | 3 | 24.11 | 24.21 | 24.07 | |
| 1.4 | QPSK | 6 | 0 | 23.12 | 23.26 | 23.13 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.30 | 23.49 | 23.42 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.39 | 23.52 | 23.44 | |
| 1.4 | 16QAM | 1 | 5 | 23.32 | 23.56 | 23.33 | |
| 1.4 | 16QAM | 3 | 0 | 23.12 | 23.26 | 23.15 | |
| 1.4 | 16QAM | 3 | 1 | 23.22 | 23.30 | 23.21 | |
| 1.4 | 16QAM | 3 | 3 | 23.24 | 23.19 | 23.11 | |
| 1.4 | 16QAM | 6 | 0 | 22.33 | 22.33 | 22.23 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 21.42 | 22.15 | 22.30 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 21.49 | 22.20 | 22.40 | |
| 1.4 | 64QAM | 1 | 5 | 21.44 | 22.05 | 22.31 | |
| 1.4 | 64QAM | 3 | 0 | 21.36 | 22.11 | 22.28 | |
| 1.4 | 64QAM | 3 | 1 | 21.41 | 22.19 | 22.29 | |
| 1.4 | 64QAM | 3 | 3 | 21.43 | 22.07 | 22.22 | |
| 1.4 | 64QAM | 6 | 0 | 20.30 | 21.00 | 21.16 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.59 | 19.83 | 19.81 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.88 | 19.60 | 19.64 | |
| 1.4 | 256QAM | 1 | 5 | 19.86 | 19.82 | 19.82 | |
| 1.4 | 256QAM | 3 | 0 | 19.68 | 19.75 | 19.56 | |
| 1.4 | 256QAM | 3 | 1 | 19.64 | 19.72 | 19.51 | |
| 1.4 | 256QAM | 3 | 3 | 19.70 | 19.74 | 19.68 | |
| 1.4 | 256QAM | 6 | 0 | 19.67 | 19.74 | 19.65 | 20.7 |

## Band 5_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.49 | 24.54 | 24.53 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.48 | 24.52 | 24.50 | |
| 10 | QPSK | 1 | 49 | 24.56 | 24.48 | 24.43 | |
| 10 | QPSK | 25 | 0 | 23.59 | 23.64 | 23.62 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.69 | 23.65 | 23.62 | |
| 10 | QPSK | 25 | 25 | 23.63 | 23.67 | 23.62 | |
| 10 | QPSK | 50 | 0 | 23.67 | 23.64 | 23.60 | |
| 10 | 16QAM | 1 | 0 | 23.88 | 23.89 | 23.94 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.90 | 23.93 | 23.91 | |
| 10 | 16QAM | 1 | 49 | 23.95 | 23.90 | 23.81 | |
| 10 | 16QAM | 25 | 0 | 22.57 | 22.62 | 22.59 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.68 | 22.64 | 22.57 | |
| 10 | 16QAM | 25 | 25 | 22.64 | 22.63 | 22.56 | |
| 10 | 16QAM | 50 | 0 | 22.68 | 22.62 | 22.58 | |
| 10 | 64QAM | 1 | 0 | 22.68 | 22.78 | 22.79 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.82 | 22.87 | 22.82 | |
| 10 | 64QAM | 1 | 49 | 22.82 | 22.81 | 22.16 | |
| 10 | 64QAM | 25 | 0 | 21.62 | 21.66 | 21.64 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.71 | 21.69 | 21.67 | |
| 10 | 64QAM | 25 | 25 | 21.66 | 21.70 | 21.57 | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.66 | 21.62 | |
| 10 | 256QAM | 1 | 0 | 19.40 | 19.53 | 19.52 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.44 | 19.45 | 19.44 | |
| 10 | 256QAM | 1 | 49 | 19.52 | 19.48 | 19.37 | |
| 10 | 256QAM | 25 | 0 | 19.41 | 19.41 | 19.43 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.44 | 19.29 | 19.32 | |
| 10 | 256QAM | 25 | 25 | 19.34 | 19.38 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.44 | 19.37 | 19.36 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.54 | 24.52 | 24.48 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.50 | 24.53 | 24.48 | |
| 5 | QPSK | 1 | 24 | 24.46 | 24.48 | 24.48 | |
| 5 | QPSK | 12 | 0 | 23.59 | 23.70 | 23.61 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.66 | 23.67 | 23.55 | |
| 5 | QPSK | 12 | 13 | 23.60 | 23.65 | 23.54 | |
| 5 | QPSK | 25 | 0 | 23.63 | 23.69 | 23.55 | |
| 5 | 16QAM | 1 | 0 | 23.90 | 23.95 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.89 | 23.95 | 23.83 | |
| 5 | 16QAM | 1 | 24 | 23.89 | 23.91 | 23.78 | |
| 5 | 16QAM | 12 | 0 | 22.64 | 22.72 | 22.61 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.69 | 22.58 | |
| 5 | 16QAM | 12 | 13 | 22.61 | 22.67 | 22.57 | |
| 5 | 16QAM | 25 | 0 | 22.69 | 22.71 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.90 | 22.82 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.80 | 22.86 | 22.47 | |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.86 | 22.12 | |
| 5 | 64QAM | 12 | 0 | 21.69 | 21.75 | 21.67 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.73 | 21.75 | 21.41 | |
| 5 | 64QAM | 12 | 13 | 21.66 | 21.70 | 21.22 | |
| 5 | 64QAM | 25 | 0 | 21.69 | 21.74 | 21.45 | |
| 5 | 256QAM | 1 | 0 | 19.33 | 19.49 | 19.44 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.40 | 19.41 | 19.41 | |
| 5 | 256QAM | 1 | 24 | 19.50 | 19.48 | 19.34 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.32 | 19.43 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.28 | 19.30 | |
| 5 | 256QAM | 12 | 13 | 19.33 | 19.28 | 19.18 | |
| 5 | 256QAM | 25 | 0 | 19.34 | 19.37 | 19.31 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.80 | 23.87 | 23.85 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.87 | 23.94 | 23.83 | |
| 3 | QPSK | 1 | 14 | 23.79 | 23.83 | 23.71 | |
| 3 | QPSK | 8 | 0 | 22.89 | 22.93 | 22.87 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.95 | 23.01 | 22.87 | |
| 3 | QPSK | 8 | 7 | 22.88 | 22.93 | 22.83 | |
| 3 | QPSK | 15 | 0 | 22.90 | 22.97 | 22.86 | |
| 3 | 16QAM | 1 | 0 | 23.13 | 23.17 | 23.17 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.26 | 23.30 | 23.13 | |
| 3 | 16QAM | 1 | 14 | 23.11 | 23.18 | 23.03 | |
| 3 | 16QAM | 8 | 0 | 21.95 | 22.00 | 21.94 | 23.7 |
| 3 | 16QAM | 8 | 4 | 21.98 | 22.06 | 21.96 | |
| 3 | 16QAM | 8 | 7 | 21.95 | 21.98 | 21.87 | |
| 3 | 16QAM | 15 | 0 | 21.96 | 22.01 | 21.89 | |
| 3 | 64QAM | 1 | 0 | 23.03 | 22.15 | 21.90 | 23.7 |
| 3 | 64QAM | 1 | 8 | 23.13 | 22.21 | 21.71 | |
| 3 | 64QAM | 1 | 14 | 23.02 | 22.09 | 21.70 | |
| 3 | 64QAM | 8 | 0 | 21.90 | 21.00 | 20.76 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.94 | 21.03 | 21.76 | |
| 3 | 64QAM | 8 | 7 | 21.89 | 20.98 | 21.71 | |
| 3 | 64QAM | 15 | 0 | 21.92 | 20.98 | 21.72 | |
| 3 | 256QAM | 1 | 0 | 19.40 | 19.45 | 19.46 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.38 | 19.39 | 19.44 | |
| 3 | 256QAM | 1 | 14 | 19.46 | 19.47 | 19.29 | |
| 3 | 256QAM | 8 | 0 | 19.36 | 19.41 | 19.33 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.35 | 19.19 | 19.27 | |
| 3 | 256QAM | 8 | 7 | 19.33 | 19.33 | 19.20 | |
| 3 | 256QAM | 15 | 0 | 19.38 | 19.36 | 19.31 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.71 | 23.79 | 23.70 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.80 | 23.86 | 23.76 | |
| 1.4 | QPSK | 1 | 5 | 23.70 | 23.80 | 23.71 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.80 | 23.75 | |
| 1.4 | QPSK | 3 | 1 | 23.83 | 23.89 | 23.80 | |
| 1.4 | QPSK | 3 | 3 | 23.78 | 23.81 | 23.72 | |
| 1.4 | QPSK | 6 | 0 | 22.83 | 22.91 | 22.77 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.05 | 23.11 | 23.07 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.14 | 23.21 | 23.12 | |
| 1.4 | 16QAM | 1 | 5 | 23.07 | 23.12 | 23.00 | |
| 1.4 | 16QAM | 3 | 0 | 22.89 | 22.89 | 22.82 | |
| 1.4 | 16QAM | 3 | 1 | 22.93 | 23.00 | 22.85 | |
| 1.4 | 16QAM | 3 | 3 | 22.83 | 22.91 | 22.78 | |
| 1.4 | 16QAM | 6 | 0 | 21.91 | 21.99 | 21.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 21.96 | 22.04 | 21.72 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.10 | 22.15 | 21.78 | |
| 1.4 | 64QAM | 1 | 5 | 22.00 | 22.04 | 21.72 | |
| 1.4 | 64QAM | 3 | 0 | 21.99 | 21.97 | 21.73 | |
| 1.4 | 64QAM | 3 | 1 | 21.94 | 22.00 | 21.73 | |
| 1.4 | 64QAM | 3 | 3 | 21.89 | 21.93 | 21.73 | |
| 1.4 | 64QAM | 6 | 0 | 20.78 | 20.84 | 20.74 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.40 | 19.48 | 19.47 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.37 | 19.41 | 19.41 | |
| 1.4 | 256QAM | 1 | 5 | 19.47 | 19.47 | 19.27 | |
| 1.4 | 256QAM | 3 | 0 | 19.31 | 19.39 | 19.38 | |
| 1.4 | 256QAM | 3 | 1 | 19.44 | 19.26 | 19.26 | |
| 1.4 | 256QAM | 3 | 3 | 19.27 | 19.38 | 19.23 | |
| 1.4 | 256QAM | 6 | 0 | 19.38 | 19.36 | 19.30 | 20.7 |

## Band 7_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 24.62 | 24.64 | 24.83 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.67 | 24.75 | 24.70 | |
| 20 | QPSK | 1 | 99 | 24.71 | 24.79 | 24.73 | |
| 20 | QPSK | 50 | 0 | 23.76 | 23.78 | 23.75 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.88 | 23.84 | 23.80 | |
| 20 | QPSK | 50 | 50 | 23.89 | 23.94 | 23.89 | |
| 20 | QPSK | 100 | 0 | 23.86 | 23.84 | 23.78 | |
| 20 | 16QAM | 1 | 0 | 23.98 | 24.01 | 23.98 | 24.7 |
| 20 | 16QAM | 1 | 49 | 24.05 | 24.07 | 24.06 | |
| 20 | 16QAM | 1 | 99 | 24.05 | 24.15 | 24.03 | |
| 20 | 16QAM | 50 | 0 | 22.77 | 22.81 | 22.77 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.86 | 22.83 | |
| 20 | 16QAM | 50 | 50 | 22.93 | 22.98 | 22.92 | |
| 20 | 16QAM | 100 | 0 | 22.88 | 22.83 | 22.78 | |
| 20 | 64QAM | 1 | 0 | 22.81 | 22.85 | 22.87 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.93 | 22.95 | 22.77 | |
| 20 | 64QAM | 1 | 99 | 23.00 | 23.06 | 22.16 | |
| 20 | 64QAM | 50 | 0 | 21.80 | 21.84 | 21.79 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.93 | 21.89 | 21.77 | |
| 20 | 64QAM | 50 | 50 | 21.93 | 21.96 | 21.87 | |
| 20 | 64QAM | 100 | 0 | 21.92 | 21.84 | 21.82 | |
| 20 | 256QAM | 1 | 0 | 20.22 | 20.08 | 19.98 | 20.7 |
| 20 | 256QAM | 1 | 49 | 20.33 | 20.08 | 20.07 | |
| 20 | 256QAM | 1 | 99 | 20.24 | 20.16 | 20.11 | |
| 20 | 256QAM | 50 | 0 | 20.03 | 20.01 | 19.94 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.12 | 20.07 | 19.95 | |
| 20 | 256QAM | 50 | 50 | 20.12 | 20.00 | 20.03 | |
| 20 | 256QAM | 100 | 0 | 20.13 | 19.99 | 19.93 | |
| Channel | | | | 20525 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 24.54 | 24.59 | 24.58 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.59 | 24.72 | 24.64 | |
| 15 | QPSK | 1 | 74 | 24.63 | 24.70 | 24.63 | |
| 15 | QPSK | 36 | 0 | 23.72 | 23.76 | 23.65 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.78 | 23.84 | 23.71 | |
| 15 | QPSK | 36 | 39 | 23.84 | 23.85 | 23.80 | |
| 15 | QPSK | 75 | 0 | 23.78 | 23.79 | 23.74 | |
| 15 | 16QAM | 1 | 0 | 23.95 | 23.98 | 23.92 | 24.7 |
| 15 | 16QAM | 1 | 37 | 24.00 | 24.05 | 23.98 | |
| 15 | 16QAM | 1 | 74 | 23.96 | 24.07 | 23.93 | |
| 15 | 16QAM | 36 | 0 | 22.75 | 22.79 | 22.74 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.83 | 22.79 | 22.82 | |
| 15 | 16QAM | 36 | 39 | 22.89 | 22.93 | 22.82 | |
| 15 | 16QAM | 75 | 0 | 22.78 | 22.78 | 22.72 | |
| 15 | 64QAM | 1 | 0 | 22.77 | 22.84 | 22.85 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.83 | 22.86 | 22.68 | |
| 15 | 64QAM | 1 | 74 | 22.95 | 23.04 | 22.09 | |
| 15 | 64QAM | 36 | 0 | 21.80 | 21.83 | 21.75 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.90 | 21.88 | 21.77 | |
| 15 | 64QAM | 36 | 39 | 21.90 | 21.91 | 21.85 | |
| 15 | 64QAM | 75 | 0 | 21.84 | 21.79 | 21.76 | |
| 15 | 256QAM | 1 | 0 | 20.20 | 20.03 | 19.89 | 20.7 |
| 15 | 256QAM | 1 | 37 | 20.30 | 20.05 | 20.05 | |
| 15 | 256QAM | 1 | 74 | 20.19 | 20.11 | 20.05 | |
| 15 | 256QAM | 36 | 0 | 19.95 | 19.95 | 19.88 | 20.7 |
| 15 | 256QAM | 36 | 20 | 20.07 | 19.99 | 19.85 | |
| 15 | 256QAM | 36 | 39 | 20.07 | 19.96 | 20.03 | |
| 15 | 256QAM | 75 | 0 | 20.06 | 19.94 | 19.85 | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 24.58 | 24.64 | 24.57 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.58 | 24.70 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.62 | 24.73 | 24.71 | |
| 10 | QPSK | 25 | 0 | 23.73 | 23.69 | 23.75 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.81 | 23.74 | 23.80 | |
| 10 | QPSK | 25 | 25 | 23.87 | 23.88 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.76 | 23.79 | 23.75 | |
| 10 | 16QAM | 1 | 0 | 23.94 | 24.01 | 23.94 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.98 | 24.04 | 23.99 | |
| 10 | 16QAM | 1 | 49 | 24.05 | 24.07 | 23.95 | |
| 10 | 16QAM | 25 | 0 | 22.76 | 22.80 | 22.75 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.87 | 22.76 | 22.82 | |
| 10 | 16QAM | 25 | 25 | 22.85 | 22.96 | 22.87 | |
| 10 | 16QAM | 50 | 0 | 22.84 | 22.80 | 22.69 | |
| 10 | 64QAM | 1 | 0 | 22.74 | 22.77 | 22.84 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.83 | 22.95 | 22.74 | |
| 10 | 64QAM | 1 | 49 | 22.95 | 22.99 | 22.12 | |
| 10 | 64QAM | 25 | 0 | 21.76 | 21.74 | 21.76 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.85 | 21.86 | 21.70 | |
| 10 | 64QAM | 25 | 25 | 21.93 | 21.89 | 21.86 | |
| 10 | 64QAM | 50 | 0 | 21.84 | 21.78 | 21.72 | |
| 10 | 256QAM | 1 | 0 | 20.17 | 19.98 | 19.97 | 20.7 |
| 10 | 256QAM | 1 | 25 | 20.23 | 20.07 | 20.01 | |
| 10 | 256QAM | 1 | 49 | 20.14 | 20.10 | 20.04 | |
| 10 | 256QAM | 25 | 0 | 19.93 | 20.01 | 19.94 | 20.7 |
| 10 | 256QAM | 25 | 12 | 20.08 | 20.00 | 19.85 | |
| 10 | 256QAM | 25 | 25 | 20.10 | 19.90 | 19.97 | |
| 10 | 256QAM | 50 | 0 | 20.03 | 19.99 | 19.92 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 24.54 | 24.62 | 24.61 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.59 | 24.65 | 24.67 | |
| 5 | QPSK | 1 | 24 | 24.68 | 24.72 | 24.69 | |
| 5 | QPSK | 12 | 0 | 23.70 | 23.70 | 23.71 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.81 | 23.74 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.83 | 23.93 | 23.80 | |
| 5 | QPSK | 25 | 0 | 23.78 | 23.84 | 23.70 | |
| 5 | 16QAM | 1 | 0 | 23.94 | 23.98 | 23.97 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.05 | 24.05 | |
| 5 | 16QAM | 1 | 24 | 24.00 | 24.11 | 24.03 | |
| 5 | 16QAM | 12 | 0 | 22.68 | 22.71 | 22.71 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.81 | 22.86 | 22.81 | |
| 5 | 16QAM | 12 | 13 | 22.89 | 22.93 | 22.84 | |
| 5 | 16QAM | 25 | 0 | 22.86 | 22.77 | 22.73 | |
| 5 | 64QAM | 1 | 0 | 22.78 | 22.77 | 22.83 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.84 | 22.89 | 22.73 | |
| 5 | 64QAM | 1 | 24 | 22.97 | 23.05 | 22.16 | |
| 5 | 64QAM | 12 | 0 | 21.78 | 21.82 | 21.74 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.87 | 21.86 | 21.71 | |
| 5 | 64QAM | 12 | 13 | 21.84 | 21.86 | 21.82 | |
| 5 | 64QAM | 25 | 0 | 21.92 | 21.75 | 21.79 | |
| 5 | 256QAM | 1 | 0 | 20.16 | 20.02 | 19.93 | 20.7 |
| 5 | 256QAM | 1 | 12 | 20.28 | 20.00 | 20.05 | |
| 5 | 256QAM | 1 | 24 | 20.18 | 20.11 | 20.03 | |
| 5 | 256QAM | 12 | 0 | 20.02 | 19.98 | 19.91 | 20.7 |
| 5 | 256QAM | 12 | 7 | 20.07 | 20.07 | 19.85 | |
| 5 | 256QAM | 12 | 13 | 20.09 | 19.98 | 19.99 | |
| 5 | 256QAM | 25 | 0 | 20.06 | 19.92 | 19.83 | |

## Band 12_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.64 | 24.53 | 24.59 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.59 | 24.60 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.67 | 24.63 | 24.60 | |
| 10 | QPSK | 25 | 0 | 23.72 | 23.74 | 23.71 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.73 | 23.72 | |
| 10 | QPSK | 25 | 25 | 23.77 | 23.79 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.79 | 23.71 | 23.73 | |
| 10 | 16QAM | 1 | 0 | 23.96 | 23.95 | 23.97 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.97 | 23.99 | 24.01 | |
| 10 | 16QAM | 1 | 49 | 24.06 | 24.01 | 24.04 | |
| 10 | 16QAM | 25 | 0 | 22.71 | 22.73 | 22.74 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.73 | 22.75 | |
| 10 | 16QAM | 25 | 25 | 22.72 | 22.80 | 22.77 | |
| 10 | 16QAM | 50 | 0 | 22.75 | 22.72 | 22.74 | |
| 10 | 64QAM | 1 | 0 | 22.87 | 22.80 | 22.83 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.88 | 22.92 | 22.96 | |
| 10 | 64QAM | 1 | 49 | 22.95 | 22.91 | 22.94 | |
| 10 | 64QAM | 25 | 0 | 21.76 | 21.74 | 21.76 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.77 | 21.78 | |
| 10 | 64QAM | 25 | 25 | 21.79 | 21.81 | 21.80 | |
| 10 | 64QAM | 50 | 0 | 21.82 | 21.77 | 21.77 | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.54 | 19.50 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.66 | 19.57 | 19.56 | |
| 10 | 256QAM | 1 | 49 | 19.62 | 19.68 | 19.64 | |
| 10 | 256QAM | 25 | 0 | 19.52 | 19.54 | 19.55 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.60 | 19.49 | 19.45 | |
| 10 | 256QAM | 25 | 25 | 19.42 | 19.47 | 19.55 | |
| 10 | 256QAM | 50 | 0 | 19.53 | 19.51 | 19.51 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.65 | 24.66 | 24.60 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.65 | 24.60 | 24.60 | |
| 5 | QPSK | 1 | 24 | 24.64 | 24.65 | 24.64 | |
| 5 | QPSK | 12 | 0 | 23.75 | 23.73 | 23.73 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.76 | 23.80 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.70 | 23.74 | 23.72 | |
| 5 | QPSK | 25 | 0 | 23.73 | 23.71 | 23.71 | |
| 5 | 16QAM | 1 | 0 | 23.98 | 23.99 | 23.97 | 24.7 |
| 5 | 16QAM | 1 | 12 | 24.01 | 24.01 | 23.99 | |
| 5 | 16QAM | 1 | 24 | 24.02 | 24.01 | 23.97 | |
| 5 | 16QAM | 12 | 0 | 22.83 | 22.78 | 22.78 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.78 | 22.80 | 22.74 | |
| 5 | 16QAM | 12 | 13 | 22.75 | 22.75 | 22.75 | |
| 5 | 16QAM | 25 | 0 | 22.76 | 22.71 | 22.70 | |
| 5 | 64QAM | 1 | 0 | 22.96 | 22.95 | 22.88 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.92 | 22.93 | 22.94 | |
| 5 | 64QAM | 1 | 24 | 22.96 | 22.98 | 22.92 | |
| 5 | 64QAM | 12 | 0 | 21.86 | 21.82 | 21.82 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.83 | 21.83 | 21.78 | |
| 5 | 64QAM | 12 | 13 | 21.76 | 21.80 | 21.77 | |
| 5 | 64QAM | 25 | 0 | 21.78 | 21.74 | 21.74 | |
| 5 | 256QAM | 1 | 0 | 19.36 | 19.46 | 19.48 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.60 | 19.49 | 19.52 | |
| 5 | 256QAM | 1 | 24 | 19.52 | 19.68 | 19.59 | |
| 5 | 256QAM | 12 | 0 | 19.45 | 19.52 | 19.50 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.51 | 19.48 | 19.42 | |
| 5 | 256QAM | 12 | 13 | 19.36 | 19.37 | 19.54 | |
| 5 | 256QAM | 25 | 0 | 19.53 | 19.49 | 19.48 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 23.92 | 23.88 | 23.86 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.92 | 23.95 | 23.93 | |
| 3 | QPSK | 1 | 14 | 23.85 | 23.90 | 23.84 | |
| 3 | QPSK | 8 | 0 | 22.99 | 22.97 | 22.94 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.96 | 23.00 | 22.97 | |
| 3 | QPSK | 8 | 7 | 22.94 | 22.97 | 22.92 | |
| 3 | QPSK | 15 | 0 | 22.96 | 22.92 | 22.92 | |
| 3 | 16QAM | 1 | 0 | 23.26 | 23.19 | 23.22 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.31 | 23.31 | 23.29 | |
| 3 | 16QAM | 1 | 14 | 23.18 | 23.22 | 23.19 | |
| 3 | 16QAM | 8 | 0 | 22.06 | 22.01 | 22.00 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.05 | 22.06 | 22.04 | |
| 3 | 16QAM | 8 | 7 | 22.00 | 22.06 | 21.98 | |
| 3 | 16QAM | 15 | 0 | 22.01 | 21.95 | 21.94 | |
| 3 | 64QAM | 1 | 0 | 22.21 | 22.14 | 22.14 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.24 | 22.23 | 22.20 | |
| 3 | 64QAM | 1 | 14 | 22.15 | 22.16 | 22.12 | |
| 3 | 64QAM | 8 | 0 | 21.03 | 21.03 | 20.96 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.06 | 21.07 | 21.04 | |
| 3 | 64QAM | 8 | 7 | 20.99 | 21.02 | 20.99 | |
| 3 | 64QAM | 15 | 0 | 21.00 | 20.95 | 20.93 | |
| 3 | 256QAM | 1 | 0 | 19.32 | 19.45 | 19.43 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.58 | 19.50 | 19.48 | |
| 3 | 256QAM | 1 | 14 | 19.60 | 19.67 | 19.56 | |
| 3 | 256QAM | 8 | 0 | 19.49 | 19.44 | 19.45 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.53 | 19.46 | 19.39 | |
| 3 | 256QAM | 8 | 7 | 19.42 | 19.37 | 19.53 | |
| 3 | 256QAM | 15 | 0 | 19.51 | 19.44 | 19.45 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 23.76 | 23.71 | 23.73 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.78 | 23.80 | 23.80 | |
| 1.4 | QPSK | 1 | 5 | 23.72 | 23.73 | 23.71 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.76 | 23.77 | |
| 1.4 | QPSK | 3 | 1 | 23.84 | 23.78 | 23.79 | |
| 1.4 | QPSK | 3 | 3 | 23.74 | 23.78 | 23.74 | |
| 1.4 | QPSK | 6 | 0 | 22.83 | 22.84 | 22.81 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.08 | 23.07 | 23.09 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.12 | 23.14 | 23.10 | |
| 1.4 | 16QAM | 1 | 5 | 23.06 | 23.05 | 23.03 | |
| 1.4 | 16QAM | 3 | 0 | 22.89 | 22.84 | 22.86 | |
| 1.4 | 16QAM | 3 | 1 | 22.94 | 22.86 | 22.89 | |
| 1.4 | 16QAM | 3 | 3 | 22.84 | 22.83 | 22.82 | |
| 1.4 | 16QAM | 6 | 0 | 21.88 | 21.90 | 21.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.01 | 21.98 | 21.99 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.06 | 22.09 | 22.03 | |
| 1.4 | 64QAM | 1 | 5 | 22.03 | 22.02 | 21.97 | |
| 1.4 | 64QAM | 3 | 0 | 21.98 | 21.94 | 21.98 | |
| 1.4 | 64QAM | 3 | 1 | 22.02 | 21.97 | 22.09 | |
| 1.4 | 64QAM | 3 | 3 | 21.94 | 21.95 | 21.95 | |
| 1.4 | 64QAM | 6 | 0 | 20.86 | 20.86 | 20.83 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.38 | 19.48 | 19.42 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.57 | 19.54 | 19.58 | |
| 1.4 | 256QAM | 1 | 5 | 19.58 | 19.67 | 19.56 | |
| 1.4 | 256QAM | 3 | 0 | 19.42 | 19.45 | 19.51 | |
| 1.4 | 256QAM | 3 | 1 | 19.56 | 19.41 | 19.35 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.44 | 19.52 | |
| 1.4 | 256QAM | 6 | 0 | 19.47 | 19.48 | 19.50 | 20.7 |

| Band 13_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23230 | | |
| Frequency (MHz) | | | | | 782 | | |
| 10 | QPSK | 1 | 0 | | 23.98 | | 25.2 |
| 10 | QPSK | 1 | 25 | | 24.02 | | |
| 10 | QPSK | 1 | 49 | | 24.10 | | |
| 10 | QPSK | 25 | 0 | | 23.16 | | 24.2 |
| 10 | QPSK | 25 | 12 | | 23.17 | | |
| 10 | QPSK | 25 | 25 | | 23.19 | | |
| 10 | QPSK | 50 | 0 | | 23.18 | | |
| 10 | 16QAM | 1 | 0 | | 23.38 | | 24.2 |
| 10 | 16QAM | 1 | 25 | | 23.37 | | |
| 10 | 16QAM | 1 | 49 | | 23.40 | | |
| 10 | 16QAM | 25 | 0 | | 22.17 | | 23.2 |
| 10 | 16QAM | 25 | 12 | | 22.20 | | |
| 10 | 16QAM | 25 | 25 | | 22.22 | | |
| 10 | 16QAM | 50 | 0 | | 22.19 | | |
| 10 | 64QAM | 1 | 0 | | 22.21 | | 23.2 |
| 10 | 64QAM | 1 | 25 | | 22.32 | | |
| 10 | 64QAM | 1 | 49 | | 22.34 | | |
| 10 | 64QAM | 25 | 0 | | 21.17 | | 22.2 |
| 10 | 64QAM | 25 | 12 | | 21.24 | | |
| 10 | 64QAM | 25 | 25 | | 21.23 | | |
| 10 | 64QAM | 50 | 0 | | 21.23 | | |
| 10 | 256QAM | 1 | 0 | | 18.61 | | 20.2 |
| 10 | 256QAM | 1 | 25 | | 18.97 | | |
| 10 | 256QAM | 1 | 49 | | 19.01 | | |
| 10 | 256QAM | 25 | 0 | | 18.78 | | 20.2 |
| 10 | 256QAM | 25 | 12 | | 18.86 | | |
| 10 | 256QAM | 25 | 25 | | 18.89 | | |
| 10 | 256QAM | 50 | 0 | | 18.84 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 23.93 | 23.98 | 23.74 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.04 | 24.07 | 23.77 | |
| 5 | QPSK | 1 | 24 | 24.07 | 24.08 | 23.83 | |
| 5 | QPSK | 12 | 0 | 23.10 | 23.13 | 22.85 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.16 | 23.15 | 22.93 | |
| 5 | QPSK | 12 | 13 | 23.19 | 23.21 | 22.89 | |
| 5 | QPSK | 25 | 0 | 23.18 | 23.14 | 22.99 | |
| 5 | 16QAM | 1 | 0 | 23.31 | 23.29 | 23.01 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.29 | 23.33 | 23.04 | |
| 5 | 16QAM | 1 | 24 | 23.37 | 23.36 | 23.04 | |
| 5 | 16QAM | 12 | 0 | 22.20 | 22.17 | 21.92 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.20 | 22.17 | 21.95 | |
| 5 | 16QAM | 12 | 13 | 22.21 | 22.23 | 21.94 | |
| 5 | 16QAM | 25 | 0 | 22.23 | 22.16 | 21.92 | |
| 5 | 64QAM | 1 | 0 | 22.19 | 22.26 | 21.94 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.25 | 22.29 | 22.01 | |
| 5 | 64QAM | 1 | 24 | 22.29 | 22.32 | 22.02 | |
| 5 | 64QAM | 12 | 0 | 21.22 | 21.23 | 20.96 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.26 | 21.21 | 20.98 | |
| 5 | 64QAM | 12 | 13 | 21.25 | 21.26 | 20.95 | |
| 5 | 64QAM | 25 | 0 | 21.26 | 21.17 | 20.96 | |
| 5 | 256QAM | 1 | 0 | 18.55 | 18.57 | 18.59 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.93 | 18.96 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.98 | 18.99 | 18.96 | |
| 5 | 256QAM | 12 | 0 | 18.77 | 18.69 | 18.74 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.83 | 18.76 | 18.79 | |
| 5 | 256QAM | 12 | 13 | 18.82 | 18.84 | 18.79 | |
| 5 | 256QAM | 25 | 0 | 18.77 | 18.77 | 18.74 | |

| Band 14_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23330 | | |
| Frequency (MHz) | | | | | 793 | | |
| 10 | QPSK | 1 | 0 | | 24.59 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 24.53 | | |
| 10 | QPSK | 1 | 49 | | 24.48 | | |
| 10 | QPSK | 25 | 0 | | 23.55 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 23.57 | | |
| 10 | QPSK | 25 | 25 | | 23.63 | | |
| 10 | QPSK | 50 | 0 | | 23.55 | | |
| 10 | 16QAM | 1 | 0 | | 23.95 | | 24.7 |
| 10 | 16QAM | 1 | 25 | | 23.91 | | |
| 10 | 16QAM | 1 | 49 | | 23.86 | | |
| 10 | 16QAM | 25 | 0 | | 22.54 | | 23.7 |
| 10 | 16QAM | 25 | 12 | | 22.57 | | |
| 10 | 16QAM | 25 | 25 | | 22.64 | | |
| 10 | 16QAM | 50 | 0 | | 22.55 | | |
| 10 | 64QAM | 1 | 0 | | 22.79 | | 23.7 |
| 10 | 64QAM | 1 | 25 | | 22.84 | | |
| 10 | 64QAM | 1 | 49 | | 22.79 | | |
| 10 | 64QAM | 25 | 0 | | 21.58 | | 22.7 |
| 10 | 64QAM | 25 | 12 | | 21.61 | | |
| 10 | 64QAM | 25 | 25 | | 21.63 | | |
| 10 | 64QAM | 50 | 0 | | 21.59 | | |
| 10 | 256QAM | 1 | 0 | | 19.53 | | 20.7 |
| 10 | 256QAM | 1 | 25 | | 19.37 | | |
| 10 | 256QAM | 1 | 49 | | 19.55 | | |
| 10 | 256QAM | 25 | 0 | | 19.29 | | 20.7 |
| 10 | 256QAM | 25 | 12 | | 19.34 | | |
| 10 | 256QAM | 25 | 25 | | 19.33 | | |
| 10 | 256QAM | 50 | 0 | | 19.25 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.48 | 24.45 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.56 | 24.53 | 24.58 | |
| 5 | QPSK | 1 | 24 | 24.55 | 24.55 | 24.48 | |
| 5 | QPSK | 12 | 0 | 23.62 | 23.54 | 23.51 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.66 | 23.66 | 23.60 | |
| 5 | QPSK | 12 | 13 | 23.61 | 23.60 | 23.56 | |
| 5 | QPSK | 25 | 0 | 23.59 | 23.54 | 23.52 | |
| 5 | 16QAM | 1 | 0 | 23.82 | 23.82 | 23.78 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.90 | 23.92 | 23.86 | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.88 | 23.79 | |
| 5 | 16QAM | 12 | 0 | 22.64 | 22.61 | 22.53 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.69 | 22.66 | |
| 5 | 16QAM | 12 | 13 | 22.60 | 22.63 | 22.58 | |
| 5 | 16QAM | 25 | 0 | 22.62 | 22.58 | 22.56 | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.77 | 22.77 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.83 | 22.85 | 22.84 | |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.82 | 22.80 | |
| 5 | 64QAM | 12 | 0 | 21.71 | 21.60 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.69 | 21.70 | 21.68 | |
| 5 | 64QAM | 12 | 13 | 21.63 | 21.66 | 21.61 | |
| 5 | 64QAM | 25 | 0 | 21.65 | 21.61 | 21.54 | |
| 5 | 256QAM | 1 | 0 | 19.47 | 19.49 | 19.53 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.31 | 19.33 | 19.28 | |
| 5 | 256QAM | 1 | 24 | 19.46 | 19.52 | 19.52 | |
| 5 | 256QAM | 12 | 0 | 19.19 | 19.27 | 19.27 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.28 | 19.26 | 19.34 | |
| 5 | 256QAM | 12 | 13 | 19.33 | 19.30 | 19.33 | |
| 5 | 256QAM | 25 | 0 | 19.21 | 19.19 | 19.15 | |

| Band 17_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 24.56 | 24.56 | 24.53 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.56 | 24.64 | 24.60 | |
| 10 | QPSK | 1 | 49 | 24.62 | 24.65 | 24.62 | |
| 10 | QPSK | 25 | 0 | 23.64 | 23.66 | 23.65 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.73 | 23.71 | |
| 10 | QPSK | 25 | 25 | 23.80 | 23.79 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.69 | 23.72 | 23.69 | |
| 10 | 16QAM | 1 | 0 | 23.90 | 23.92 | 23.91 | 24.7 |
| 10 | 16QAM | 1 | 25 | 24.01 | 24.01 | 24.00 | |
| 10 | 16QAM | 1 | 49 | 24.01 | 24.02 | 24.02 | |
| 10 | 16QAM | 25 | 0 | 22.65 | 22.64 | 22.64 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.78 | 22.71 | 22.71 | |
| 10 | 16QAM | 25 | 25 | 22.77 | 22.81 | 22.76 | |
| 10 | 16QAM | 50 | 0 | 22.69 | 22.70 | 22.67 | |
| 10 | 64QAM | 1 | 0 | 22.80 | 22.79 | 22.74 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.92 | 22.97 | 22.90 | |
| 10 | 64QAM | 1 | 49 | 22.52 | 22.58 | 22.63 | |
| 10 | 64QAM | 25 | 0 | 21.67 | 21.67 | 21.67 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.78 | 21.76 | |
| 10 | 64QAM | 25 | 25 | 21.80 | 21.82 | 21.82 | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.71 | 21.71 | |
| 10 | 256QAM | 1 | 0 | 19.44 | 19.37 | 19.33 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.50 | 19.48 | 19.51 | |
| 10 | 256QAM | 1 | 49 | 19.58 | 19.60 | 19.66 | |
| 10 | 256QAM | 25 | 0 | 19.46 | 19.44 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.56 | 19.52 | 19.43 | |
| 10 | 256QAM | 25 | 25 | 19.56 | 19.54 | 19.52 | |
| 10 | 256QAM | 50 | 0 | 19.45 | 19.48 | 19.45 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.57 | 24.56 | 24.55 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.60 | 24.61 | 24.63 | |
| 5 | QPSK | 1 | 24 | 24.64 | 24.61 | 24.64 | |
| 5 | QPSK | 12 | 0 | 23.67 | 23.69 | 23.66 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.78 | 23.74 | 23.69 | |
| 5 | QPSK | 12 | 13 | 23.77 | 23.76 | 23.73 | |
| 5 | QPSK | 25 | 0 | 23.75 | 23.75 | 23.65 | |
| 5 | 16QAM | 1 | 0 | 23.91 | 23.93 | 23.91 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.03 | 23.98 | |
| 5 | 16QAM | 1 | 24 | 24.06 | 24.04 | 24.01 | |
| 5 | 16QAM | 12 | 0 | 22.70 | 22.72 | 22.72 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.74 | 22.73 | |
| 5 | 16QAM | 12 | 13 | 22.78 | 22.77 | 22.74 | |
| 5 | 16QAM | 25 | 0 | 22.74 | 22.75 | 22.69 | |
| 5 | 64QAM | 1 | 0 | 22.89 | 22.87 | 22.88 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.90 | 22.96 | 22.90 | |
| 5 | 64QAM | 1 | 24 | 22.94 | 23.00 | 22.93 | |
| 5 | 64QAM | 12 | 0 | 21.73 | 21.77 | 21.78 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.81 | 21.79 | 21.73 | |
| 5 | 64QAM | 12 | 13 | 21.79 | 21.85 | 21.75 | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.74 | 21.70 | |
| 5 | 256QAM | 1 | 0 | 19.41 | 19.29 | 19.24 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.49 | 19.46 | 19.44 | |
| 5 | 256QAM | 1 | 24 | 19.48 | 19.59 | 19.60 | |
| 5 | 256QAM | 12 | 0 | 19.39 | 19.34 | 19.41 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.58 | 19.47 | 19.40 | |
| 5 | 256QAM | 12 | 13 | 19.53 | 19.54 | 19.52 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.41 | 19.45 | |

## Band 25_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 24.11 | 24.04 | 24.23 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.04 | 24.16 | 24.22 | |
| 20 | QPSK | 1 | 99 | 24.09 | 24.19 | 24.13 | |
| 20 | QPSK | 50 | 0 | 23.14 | 23.22 | 23.27 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.21 | 23.29 | 23.29 | |
| 20 | QPSK | 50 | 50 | 23.19 | 23.27 | 23.40 | |
| 20 | QPSK | 100 | 0 | 23.20 | 23.24 | 23.33 | |
| 20 | 16QAM | 1 | 0 | 23.36 | 23.34 | 23.51 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.39 | 23.45 | 23.58 | |
| 20 | 16QAM | 1 | 99 | 23.50 | 23.54 | 23.42 | |
| 20 | 16QAM | 50 | 0 | 22.11 | 22.19 | 22.31 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.23 | 22.35 | 22.33 | |
| 20 | 16QAM | 50 | 50 | 22.25 | 22.33 | 22.40 | |
| 20 | 16QAM | 100 | 0 | 22.17 | 22.29 | 22.35 | |
| 20 | 64QAM | 1 | 0 | 22.18 | 22.31 | 22.18 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.21 | 22.34 | 22.03 | |
| 20 | 64QAM | 1 | 99 | 22.27 | 22.43 | 21.70 | |
| 20 | 64QAM | 50 | 0 | 21.14 | 21.23 | 20.99 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.23 | 21.35 | 21.22 | |
| 20 | 64QAM | 50 | 50 | 21.23 | 21.31 | 21.08 | |
| 20 | 64QAM | 100 | 0 | 21.22 | 21.30 | 20.47 | |
| 20 | 256QAM | 1 | 0 | 19.65 | 19.44 | 19.86 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.71 | 19.75 | 19.77 | |
| 20 | 256QAM | 1 | 99 | 19.95 | 19.86 | 19.91 | |
| 20 | 256QAM | 50 | 0 | 19.56 | 19.62 | 19.70 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.76 | 19.64 | 19.72 | |
| 20 | 256QAM | 50 | 50 | 19.74 | 19.73 | 19.80 | |
| 20 | 256QAM | 100 | 0 | 19.64 | 19.72 | 19.77 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 24.08 | 23.99 | 24.18 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.01 | 24.14 | 24.21 | |
| 15 | QPSK | 1 | 74 | 24.00 | 24.11 | 24.09 | |
| 15 | QPSK | 36 | 0 | 23.10 | 23.15 | 23.17 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.14 | 23.19 | 23.26 | |
| 15 | QPSK | 36 | 39 | 23.16 | 23.17 | 23.32 | |
| 15 | QPSK | 75 | 0 | 23.15 | 23.19 | 23.28 | |
| 15 | 16QAM | 1 | 0 | 23.31 | 23.34 | 23.43 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.30 | 23.40 | 23.51 | |
| 15 | 16QAM | 1 | 74 | 23.41 | 23.46 | 23.40 | |
| 15 | 16QAM | 36 | 0 | 22.06 | 22.17 | 22.30 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.23 | 22.25 | 22.32 | |
| 15 | 16QAM | 36 | 39 | 22.22 | 22.26 | 22.37 | |
| 15 | 16QAM | 75 | 0 | 22.14 | 22.26 | 22.25 | |
| 15 | 64QAM | 1 | 0 | 22.18 | 22.21 | 22.09 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.18 | 22.33 | 21.98 | |
| 15 | 64QAM | 1 | 74 | 22.23 | 22.36 | 21.70 | |
| 15 | 64QAM | 36 | 0 | 21.07 | 21.15 | 20.93 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.18 | 21.32 | 21.13 | |
| 15 | 64QAM | 36 | 39 | 21.22 | 21.25 | 20.98 | |
| 15 | 64QAM | 75 | 0 | 21.18 | 21.25 | 20.70 | |
| 15 | 256QAM | 1 | 0 | 19.55 | 19.42 | 19.76 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.63 | 19.73 | 19.68 | |
| 15 | 256QAM | 1 | 74 | 19.85 | 19.84 | 19.86 | |
| 15 | 256QAM | 36 | 0 | 19.48 | 19.60 | 19.63 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.76 | 19.55 | 19.69 | |
| 15 | 256QAM | 36 | 39 | 19.71 | 19.70 | 19.73 | |
| 15 | 256QAM | 75 | 0 | 19.62 | 19.72 | 19.72 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 24.05 | 23.96 | 24.17 | 25.7 |
| 10 | QPSK | 1 | 25 | 23.97 | 24.14 | 24.13 | |
| 10 | QPSK | 1 | 49 | 24.09 | 24.12 | 24.06 | |
| 10 | QPSK | 25 | 0 | 23.04 | 23.22 | 23.26 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.20 | 23.20 | 23.28 | |
| 10 | QPSK | 25 | 25 | 23.19 | 23.26 | 23.33 | |
| 10 | QPSK | 50 | 0 | 23.16 | 23.17 | 23.30 | |
| 10 | 16QAM | 1 | 0 | 23.28 | 23.28 | 23.44 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.31 | 23.36 | 23.51 | |
| 10 | 16QAM | 1 | 49 | 23.42 | 23.51 | 23.38 | |
| 10 | 16QAM | 25 | 0 | 22.02 | 22.17 | 22.31 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.23 | 22.26 | 22.25 | |
| 10 | 16QAM | 25 | 25 | 22.17 | 22.27 | 22.32 | |
| 10 | 16QAM | 50 | 0 | 22.15 | 22.20 | 22.35 | |
| 10 | 64QAM | 1 | 0 | 22.17 | 22.31 | 22.14 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.19 | 22.25 | 21.97 | |
| 10 | 64QAM | 1 | 49 | 22.25 | 22.42 | 21.70 | |
| 10 | 64QAM | 25 | 0 | 21.08 | 21.15 | 20.92 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.21 | 21.30 | 21.16 | |
| 10 | 64QAM | 25 | 25 | 21.23 | 21.28 | 21.07 | |
| 10 | 64QAM | 50 | 0 | 21.17 | 21.30 | 20.47 | |
| 10 | 256QAM | 1 | 0 | 19.58 | 19.35 | 19.86 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.64 | 19.73 | 19.75 | |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.84 | 19.91 | |
| 10 | 256QAM | 25 | 0 | 19.47 | 19.58 | 19.69 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.70 | 19.61 | 19.62 | |
| 10 | 256QAM | 25 | 25 | 19.70 | 19.73 | 19.71 | |
| 10 | 256QAM | 50 | 0 | 19.57 | 19.65 | 19.77 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 24.09 | 24.00 | 24.15 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.98 | 24.11 | 24.13 | |
| 5 | QPSK | 1 | 24 | 24.05 | 24.15 | 24.11 | |
| 5 | QPSK | 12 | 0 | 23.10 | 23.19 | 23.24 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.21 | 23.24 | 23.28 | |
| 5 | QPSK | 12 | 13 | 23.14 | 23.23 | 23.34 | |
| 5 | QPSK | 25 | 0 | 23.14 | 23.19 | 23.28 | |
| 5 | 16QAM | 1 | 0 | 23.28 | 23.32 | 23.51 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.33 | 23.41 | 23.56 | |
| 5 | 16QAM | 1 | 24 | 23.49 | 23.46 | 23.37 | |
| 5 | 16QAM | 12 | 0 | 22.02 | 22.11 | 22.24 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.19 | 22.33 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.24 | 22.23 | 22.39 | |
| 5 | 16QAM | 25 | 0 | 22.15 | 22.20 | 22.35 | |
| 5 | 64QAM | 1 | 0 | 22.11 | 22.30 | 22.12 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.13 | 22.28 | 21.97 | |
| 5 | 64QAM | 1 | 24 | 22.18 | 22.36 | 21.70 | |
| 5 | 64QAM | 12 | 0 | 21.10 | 21.14 | 20.95 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.13 | 21.28 | 21.19 | |
| 5 | 64QAM | 12 | 13 | 21.14 | 21.23 | 21.04 | |
| 5 | 64QAM | 25 | 0 | 21.18 | 21.25 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 19.56 | 19.39 | 19.78 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.68 | 19.72 | 19.69 | |
| 5 | 256QAM | 1 | 24 | 19.90 | 19.77 | 19.89 | |
| 5 | 256QAM | 12 | 0 | 19.46 | 19.54 | 19.66 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.54 | 19.70 | |
| 5 | 256QAM | 12 | 13 | 19.74 | 19.69 | 19.78 | |
| 5 | 256QAM | 25 | 0 | 19.55 | 19.63 | 19.70 | |
| Channel | | | | 26025 | 26340 | 26675 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 24.01 | 23.97 | 24.13 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.94 | 24.12 | 24.18 | |
| 3 | QPSK | 1 | 14 | 24.02 | 24.18 | 24.06 | |
| 3 | QPSK | 8 | 0 | 23.05 | 23.17 | 23.24 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.17 | 23.28 | 23.24 | |
| 3 | QPSK | 8 | 7 | 23.15 | 23.22 | 23.35 | |
| 3 | QPSK | 15 | 0 | 23.20 | 23.24 | 23.32 | |
| 3 | 16QAM | 1 | 0 | 23.32 | 23.34 | 23.50 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.29 | 23.38 | 23.52 | |
| 3 | 16QAM | 1 | 14 | 23.42 | 23.48 | 23.42 | |
| 3 | 16QAM | 8 | 0 | 22.08 | 22.09 | 22.27 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.14 | 22.33 | 22.29 | |
| 3 | 16QAM | 8 | 7 | 22.15 | 22.31 | 22.30 | |
| 3 | 16QAM | 15 | 0 | 22.07 | 22.29 | 22.31 | |
| 3 | 64QAM | 1 | 0 | 22.18 | 22.23 | 22.18 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.16 | 22.30 | 22.02 | |
| 3 | 64QAM | 1 | 14 | 22.23 | 22.34 | 21.70 | |
| 3 | 64QAM | 8 | 0 | 21.05 | 21.20 | 20.89 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.20 | 21.33 | 21.15 | |
| 3 | 64QAM | 8 | 7 | 21.18 | 21.28 | 21.02 | |
| 3 | 64QAM | 15 | 0 | 21.18 | 21.27 | 20.47 | |
| 3 | 256QAM | 1 | 0 | 19.55 | 19.34 | 19.86 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.61 | 19.75 | 19.77 | |
| 3 | 256QAM | 1 | 14 | 19.93 | 19.86 | 19.82 | |
| 3 | 256QAM | 8 | 0 | 19.46 | 19.57 | 19.70 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.73 | 19.64 | 19.65 | |
| 3 | 256QAM | 8 | 7 | 19.73 | 19.65 | 19.71 | |
| 3 | 256QAM | 15 | 0 | 19.54 | 19.62 | 19.74 | |
| Channel | | | | 26047 | 26340 | 26983 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 23.85 | 23.91 | 24.01 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.93 | 24.02 | 24.10 | |
| 1.4 | QPSK | 1 | 5 | 23.88 | 23.98 | 23.99 | |
| 1.4 | QPSK | 3 | 0 | 23.85 | 23.93 | 24.05 | |
| 1.4 | QPSK | 3 | 1 | 23.93 | 23.99 | 24.09 | |
| 1.4 | QPSK | 3 | 3 | 23.92 | 24.02 | 23.94 | |
| 1.4 | QPSK | 6 | 0 | 22.95 | 23.04 | 23.10 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.16 | 23.20 | 23.33 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.26 | 23.25 | 23.29 | |
| 1.4 | 16QAM | 1 | 5 | 23.17 | 23.33 | 23.17 | |
| 1.4 | 16QAM | 3 | 0 | 22.94 | 23.06 | 23.09 | |
| 1.4 | 16QAM | 3 | 1 | 22.95 | 23.09 | 23.14 | |
| 1.4 | 16QAM | 3 | 3 | 23.01 | 23.08 | 23.11 | |
| 1.4 | 16QAM | 6 | 0 | 22.04 | 22.15 | 22.23 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.05 | 22.14 | 21.47 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.18 | 22.29 | 21.53 | |
| 1.4 | 64QAM | 1 | 5 | 22.08 | 22.20 | 21.43 | |
| 1.4 | 64QAM | 3 | 0 | 22.04 | 22.13 | 21.50 | |
| 1.4 | 64QAM | 3 | 1 | 22.13 | 22.17 | 21.57 | |
| 1.4 | 64QAM | 3 | 3 | 22.10 | 22.18 | 21.49 | |
| 1.4 | 64QAM | 6 | 0 | 20.93 | 21.05 | 20.47 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.61 | 19.36 | 19.88 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.69 | 19.83 | 19.67 | |
| 1.4 | 256QAM | 1 | 5 | 19.92 | 19.79 | 19.91 | |
| 1.4 | 256QAM | 3 | 0 | 19.58 | 19.50 | 19.58 | |
| 1.4 | 256QAM | 3 | 1 | 19.65 | 19.57 | 19.72 | |
| 1.4 | 256QAM | 3 | 3 | 19.66 | 19.72 | 19.73 | |
| 1.4 | 256QAM | 6 | 0 | 19.59 | 19.58 | 19.73 | 20.7 |

## Band 26_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26705 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 24.58 | 24.49 | 24.49 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.49 | 24.48 | 24.46 | |
| 15 | QPSK | 1 | 74 | 24.49 | 24.48 | 24.35 | |
| 15 | QPSK | 36 | 0 | 23.64 | 23.62 | 23.61 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.69 | 23.67 | 23.57 | |
| 15 | QPSK | 36 | 39 | 23.64 | 23.63 | 23.59 | |
| 15 | QPSK | 75 | 0 | 23.67 | 23.66 | 23.58 | |
| 15 | 16QAM | 1 | 0 | 23.88 | 23.77 | 23.80 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.79 | 23.78 | 23.78 | |
| 15 | 16QAM | 1 | 74 | 23.77 | 23.71 | 23.66 | |
| 15 | 16QAM | 36 | 0 | 22.63 | 22.62 | 22.59 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.65 | 22.65 | 22.55 | |
| 15 | 16QAM | 36 | 39 | 22.65 | 22.62 | 22.56 | |
| 15 | 16QAM | 75 | 0 | 22.68 | 22.65 | 22.61 | |
| 15 | 64QAM | 1 | 0 | 22.75 | 22.67 | 22.63 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.71 | 22.74 | 22.66 | |
| 15 | 64QAM | 1 | 74 | 22.72 | 22.68 | 22.03 | |
| 15 | 64QAM | 36 | 0 | 21.64 | 21.64 | 21.64 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.68 | 21.68 | 21.61 | |
| 15 | 64QAM | 36 | 39 | 21.67 | 21.64 | 21.63 | |
| 15 | 64QAM | 75 | 0 | 21.70 | 21.67 | 21.59 | |
| 15 | 256QAM | 1 | 0 | 19.49 | 19.43 | 19.44 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.45 | 19.37 | 19.46 | |
| 15 | 256QAM | 1 | 74 | 19.57 | 19.56 | 19.36 | |
| 15 | 256QAM | 36 | 0 | 19.39 | 19.40 | 19.38 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.42 | 19.45 | 19.38 | |
| 15 | 256QAM | 36 | 39 | 19.31 | 19.32 | 19.31 | |
| 15 | 256QAM | 75 | 0 | 19.41 | 19.43 | 19.34 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.54 | 24.52 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.53 | 24.52 | 24.49 | |
| 10 | QPSK | 1 | 49 | 24.53 | 24.54 | 24.42 | |
| 10 | QPSK | 25 | 0 | 23.68 | 23.57 | 23.57 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.68 | 23.59 | 23.56 | |
| 10 | QPSK | 25 | 25 | 23.63 | 23.59 | 23.57 | |
| 10 | QPSK | 50 | 0 | 23.65 | 23.65 | 23.54 | |
| 10 | 16QAM | 1 | 0 | 23.99 | 23.87 | 23.88 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.89 | 23.90 | 23.88 | |
| 10 | 16QAM | 1 | 49 | 23.93 | 23.94 | 23.75 | |
| 10 | 16QAM | 25 | 0 | 22.70 | 22.59 | 22.58 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.69 | 22.59 | 22.54 | |
| 10 | 16QAM | 25 | 25 | 22.60 | 22.63 | 22.55 | |
| 10 | 16QAM | 50 | 0 | 22.65 | 22.64 | 22.56 | |
| 10 | 64QAM | 1 | 0 | 22.92 | 22.78 | 22.74 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.80 | 22.80 | 22.78 | |
| 10 | 64QAM | 1 | 49 | 22.81 | 22.80 | 22.08 | |
| 10 | 64QAM | 25 | 0 | 21.51 | 21.60 | 21.62 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.70 | 21.63 | 21.62 | |
| 10 | 64QAM | 25 | 25 | 21.61 | 21.61 | 21.34 | |
| 10 | 64QAM | 50 | 0 | 21.51 | 21.67 | 21.55 | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.42 | 19.41 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.43 | 19.28 | 19.43 | |
| 10 | 256QAM | 1 | 49 | 19.47 | 19.49 | 19.28 | |
| 10 | 256QAM | 25 | 0 | 19.32 | 19.34 | 19.37 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.42 | 19.38 | |
| 10 | 256QAM | 25 | 25 | 19.29 | 19.25 | 19.24 | |
| 10 | 256QAM | 50 | 0 | 19.33 | 19.33 | 19.30 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.50 | 24.50 | 24.55 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.53 | 24.55 | 24.54 | |
| 5 | QPSK | 1 | 24 | 24.50 | 24.56 | 24.42 | |
| 5 | QPSK | 12 | 0 | 23.72 | 23.61 | 23.61 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.69 | 23.64 | 23.58 | |
| 5 | QPSK | 12 | 13 | 23.64 | 23.60 | 23.51 | |
| 5 | QPSK | 25 | 0 | 23.68 | 23.62 | 23.57 | |
| 5 | 16QAM | 1 | 0 | 24.01 | 23.91 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.96 | 23.96 | 23.78 | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.93 | 23.74 | |
| 5 | 16QAM | 12 | 0 | 22.78 | 22.63 | 22.64 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.73 | 22.68 | 22.59 | |
| 5 | 16QAM | 12 | 13 | 22.65 | 22.61 | 22.52 | |
| 5 | 16QAM | 25 | 0 | 22.69 | 22.62 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.84 | 22.81 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.72 | 22.84 | 22.34 | |
| 5 | 64QAM | 1 | 24 | 22.60 | 22.86 | 22.11 | |
| 5 | 64QAM | 12 | 0 | 21.55 | 21.67 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.67 | 21.71 | 21.21 | |
| 5 | 64QAM | 12 | 13 | 21.58 | 21.64 | 20.94 | |
| 5 | 64QAM | 25 | 0 | 21.52 | 21.68 | 21.22 | |
| 5 | 256QAM | 1 | 0 | 19.42 | 19.34 | 19.36 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.42 | 19.36 | 19.44 | |
| 5 | 256QAM | 1 | 24 | 19.48 | 19.48 | 19.27 | |
| 5 | 256QAM | 12 | 0 | 19.31 | 19.39 | 19.32 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.40 | 19.40 | 19.31 | |
| 5 | 256QAM | 12 | 13 | 19.28 | 19.28 | 19.30 | |
| 5 | 256QAM | 25 | 0 | 19.41 | 19.33 | 19.28 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.43 | 24.41 | 24.53 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.52 | 24.50 | 24.54 | |
| 3 | QPSK | 1 | 14 | 24.50 | 24.48 | 24.41 | |
| 3 | QPSK | 8 | 0 | 23.72 | 23.59 | 23.56 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.61 | 23.60 | 23.53 | |
| 3 | QPSK | 8 | 7 | 23.62 | 23.59 | 23.48 | |
| 3 | QPSK | 15 | 0 | 23.61 | 23.58 | 23.48 | |
| 3 | 16QAM | 1 | 0 | 23.93 | 23.87 | 23.87 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.90 | 23.89 | 23.74 | |
| 3 | 16QAM | 1 | 14 | 23.80 | 23.84 | 23.73 | |
| 3 | 16QAM | 8 | 0 | 22.74 | 22.57 | 22.54 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.65 | 22.65 | 22.54 | |
| 3 | 16QAM | 8 | 7 | 22.61 | 22.52 | 22.44 | |
| 3 | 16QAM | 15 | 0 | 22.68 | 22.61 | 22.57 | |
| 3 | 64QAM | 1 | 0 | 22.58 | 22.79 | 22.71 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.87 | 22.84 | 22.24 | |
| 3 | 64QAM | 1 | 14 | 22.59 | 22.86 | 22.11 | |
| 3 | 64QAM | 8 | 0 | 21.45 | 21.62 | 21.53 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.63 | 21.67 | 21.12 | |
| 3 | 64QAM | 8 | 7 | 21.54 | 21.64 | 20.90 | |
| 3 | 64QAM | 15 | 0 | 21.45 | 21.68 | 21.19 | |
| 3 | 256QAM | 1 | 0 | 19.47 | 19.43 | 19.39 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.40 | 19.29 | 19.46 | |
| 3 | 256QAM | 1 | 14 | 19.54 | 19.46 | 19.32 | |
| 3 | 256QAM | 8 | 0 | 19.30 | 19.35 | 19.33 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.41 | 19.37 | 19.29 | |
| 3 | 256QAM | 8 | 7 | 19.24 | 19.24 | 19.25 | |
| 3 | 256QAM | 15 | 0 | 19.34 | 19.42 | 19.25 | |
| Channel | | | | 26627 | 26865 | 27103 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 24.47 | 24.43 | 24.46 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.51 | 24.46 | 24.45 | |
| 1.4 | QPSK | 1 | 5 | 24.49 | 24.50 | 24.32 | |
| 1.4 | QPSK | 3 | 0 | 24.46 | 24.48 | 24.47 | |
| 1.4 | QPSK | 3 | 1 | 24.48 | 24.50 | 24.53 | |
| 1.4 | QPSK | 3 | 3 | 24.46 | 24.48 | 24.32 | |
| 1.4 | QPSK | 6 | 0 | 23.72 | 23.53 | 23.56 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.65 | 23.64 | 23.48 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.60 | 23.59 | 23.41 | |
| 1.4 | 16QAM | 1 | 5 | 23.58 | 23.60 | 23.54 | |
| 1.4 | 16QAM | 3 | 0 | 23.94 | 23.85 | 23.80 | |
| 1.4 | 16QAM | 3 | 1 | 23.87 | 23.88 | 23.77 | |
| 1.4 | 16QAM | 3 | 3 | 23.77 | 23.92 | 23.69 | |
| 1.4 | 16QAM | 6 | 0 | 22.77 | 22.61 | 22.60 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.66 | 22.84 | 22.59 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.55 | 22.61 | 22.43 | |
| 1.4 | 64QAM | 1 | 5 | 22.69 | 22.59 | 22.54 | |
| 1.4 | 64QAM | 3 | 0 | 22.51 | 22.75 | 22.79 | |
| 1.4 | 64QAM | 3 | 1 | 22.62 | 22.80 | 22.24 | |
| 1.4 | 64QAM | 3 | 3 | 22.60 | 22.86 | 22.09 | |
| 1.4 | 64QAM | 6 | 0 | 21.47 | 21.67 | 21.56 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.44 | 19.37 | 19.35 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.38 | 19.34 | 19.42 | |
| 1.4 | 256QAM | 1 | 5 | 19.55 | 19.49 | 19.28 | |
| 1.4 | 256QAM | 3 | 0 | 19.36 | 19.37 | 19.31 | |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.38 | 19.34 | |
| 1.4 | 256QAM | 3 | 3 | 19.21 | 19.27 | 19.28 | |
| 1.4 | 256QAM | 6 | 0 | 19.33 | 19.33 | 19.30 | 20.7 |

| Band 30_Ant 2 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 27710 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | QPSK | 1 | 0 | | 23.15 | | 24.2 |
| 10 | QPSK | 1 | 25 | | 23.09 | | |
| 10 | QPSK | 1 | 49 | | 23.02 | | |
| 10 | QPSK | 25 | 0 | | 22.08 | | 23.2 |
| 10 | QPSK | 25 | 12 | | 22.16 | | |
| 10 | QPSK | 25 | 25 | | 22.18 | | |
| 10 | QPSK | 50 | 0 | | 22.14 | | |
| 10 | 16QAM | 1 | 0 | | 22.44 | | 23.2 |
| 10 | 16QAM | 1 | 25 | | 22.48 | | |
| 10 | 16QAM | 1 | 49 | | 22.41 | | |
| 10 | 16QAM | 25 | 0 | | 21.08 | | 22.2 |
| 10 | 16QAM | 25 | 12 | | 21.14 | | |
| 10 | 16QAM | 25 | 25 | | 21.17 | | |
| 10 | 16QAM | 50 | 0 | | 21.14 | | |
| 10 | 64QAM | 1 | 0 | | 21.29 | | 22.2 |
| 10 | 64QAM | 1 | 25 | | 21.39 | | |
| 10 | 64QAM | 1 | 49 | | 21.27 | | |
| 10 | 64QAM | 25 | 0 | | 20.12 | | 21.2 |
| 10 | 64QAM | 25 | 12 | | 20.20 | | |
| 10 | 64QAM | 25 | 25 | | 20.20 | | |
| 10 | 64QAM | 50 | 0 | | 20.16 | | |
| 10 | 256QAM | 1 | 0 | | 18.80 | | 19.2 |
| 10 | 256QAM | 1 | 25 | | 18.94 | | |
| 10 | 256QAM | 1 | 49 | | 18.91 | | |
| 10 | 256QAM | 25 | 0 | | 18.78 | | 19.2 |
| 10 | 256QAM | 25 | 12 | | 18.73 | | |
| 10 | 256QAM | 25 | 25 | | 18.75 | | |
| 10 | 256QAM | 50 | 0 | | 18.77 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 22.97 | 23.01 | 23.05 | 24.2 |
| 5 | QPSK | 1 | 12 | 23.14 | 23.14 | 23.12 | |
| 5 | QPSK | 1 | 24 | 23.13 | 23.13 | 23.06 | |
| 5 | QPSK | 12 | 0 | 22.10 | 22.12 | 22.16 | 23.2 |
| 5 | QPSK | 12 | 7 | 22.23 | 22.17 | 22.21 | |
| 5 | QPSK | 12 | 13 | 22.22 | 22.17 | 22.19 | |
| 5 | QPSK | 25 | 0 | 22.18 | 22.14 | 22.19 | |
| 5 | 16QAM | 1 | 0 | 22.32 | 22.34 | 22.39 | 23.2 |
| 5 | 16QAM | 1 | 12 | 22.42 | 22.40 | 22.38 | |
| 5 | 16QAM | 1 | 24 | 22.44 | 22.40 | 22.36 | |
| 5 | 16QAM | 12 | 0 | 21.15 | 21.14 | 21.19 | 22.2 |
| 5 | 16QAM | 12 | 7 | 21.24 | 21.20 | 21.22 | |
| 5 | 16QAM | 12 | 13 | 21.25 | 21.18 | 21.22 | |
| 5 | 16QAM | 25 | 0 | 21.21 | 21.16 | 21.20 | |
| 5 | 64QAM | 1 | 0 | 21.28 | 21.32 | 21.34 | 22.2 |
| 5 | 64QAM | 1 | 12 | 21.32 | 21.36 | 21.33 | |
| 5 | 64QAM | 1 | 24 | 21.38 | 21.36 | 21.31 | |
| 5 | 64QAM | 12 | 0 | 20.17 | 20.21 | 20.29 | 21.2 |
| 5 | 64QAM | 12 | 7 | 20.29 | 20.23 | 20.28 | |
| 5 | 64QAM | 12 | 13 | 20.30 | 20.25 | 20.24 | |
| 5 | 64QAM | 25 | 0 | 20.25 | 20.17 | 20.20 | |
| 5 | 256QAM | 1 | 0 | 18.75 | 18.79 | 18.77 | 19.2 |
| 5 | 256QAM | 1 | 12 | 18.87 | 18.90 | 18.85 | |
| 5 | 256QAM | 1 | 24 | 18.90 | 18.83 | 18.87 | |
| 5 | 256QAM | 12 | 0 | 18.76 | 18.69 | 18.69 | 19.2 |
| 5 | 256QAM | 12 | 7 | 18.83 | 18.72 | 18.64 | |
| 5 | 256QAM | 12 | 13 | 18.65 | 18.75 | 18.71 | |
| 5 | 256QAM | 25 | 0 | 18.75 | 18.72 | 18.70 | |

## Band 66_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 24.26 | 24.32 | 24.25 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.22 | 24.27 | 24.20 | |
| 20 | QPSK | 1 | 99 | 24.23 | 24.29 | 24.24 | |
| 20 | QPSK | 50 | 0 | 23.26 | 23.35 | 23.22 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.38 | 23.30 | 23.30 | |
| 20 | QPSK | 50 | 50 | 23.37 | 23.32 | 23.26 | |
| 20 | QPSK | 100 | 0 | 23.36 | 23.31 | 23.33 | |
| 20 | 16QAM | 1 | 0 | 23.59 | 23.58 | 23.51 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.60 | 23.61 | 23.52 | |
| 20 | 16QAM | 1 | 99 | 23.61 | 23.58 | 23.47 | |
| 20 | 16QAM | 50 | 0 | 22.22 | 22.29 | 22.24 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.37 | 22.35 | 22.32 | |
| 20 | 16QAM | 50 | 50 | 22.40 | 22.36 | 22.31 | |
| 20 | 16QAM | 100 | 0 | 22.41 | 22.31 | 22.32 | |
| 20 | 64QAM | 1 | 0 | 22.11 | 22.57 | 22.37 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.46 | 22.51 | 21.75 | |
| 20 | 64QAM | 1 | 99 | 22.50 | 22.69 | 22.22 | |
| 20 | 64QAM | 50 | 0 | 21.28 | 21.34 | 20.98 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.43 | 21.37 | 20.95 | |
| 20 | 64QAM | 50 | 50 | 21.41 | 21.45 | 21.31 | |
| 20 | 64QAM | 100 | 0 | 21.40 | 21.31 | 21.15 | |
| 20 | 256QAM | 1 | 0 | 19.79 | 19.73 | 19.71 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.59 | 19.92 | 19.68 | |
| 20 | 256QAM | 1 | 99 | 20.01 | 19.95 | 19.79 | |
| 20 | 256QAM | 50 | 0 | 19.52 | 19.69 | 19.69 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.80 | 19.74 | 19.75 | |
| 20 | 256QAM | 50 | 50 | 19.73 | 19.71 | 19.58 | |
| 20 | 256QAM | 100 | 0 | 19.72 | 19.79 | 19.65 | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 24.20 | 24.26 | 24.18 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.13 | 24.18 | 24.20 | |
| 15 | QPSK | 1 | 74 | 24.16 | 24.25 | 24.14 | |
| 15 | QPSK | 36 | 0 | 23.22 | 23.34 | 23.18 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.32 | 23.28 | 23.24 | |
| 15 | QPSK | 36 | 39 | 23.30 | 23.22 | 23.25 | |
| 15 | QPSK | 75 | 0 | 23.31 | 23.24 | 23.24 | |
| 15 | 16QAM | 1 | 0 | 23.55 | 23.51 | 23.43 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.59 | 23.59 | 23.46 | |
| 15 | 16QAM | 1 | 74 | 23.51 | 23.52 | 23.47 | |
| 15 | 16QAM | 36 | 0 | 22.18 | 22.21 | 22.20 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.34 | 22.31 | 22.32 | |
| 15 | 16QAM | 36 | 39 | 22.30 | 22.32 | 22.27 | |
| 15 | 16QAM | 75 | 0 | 22.31 | 22.21 | 22.28 | |
| 15 | 64QAM | 1 | 0 | 22.07 | 22.55 | 22.35 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.40 | 22.44 | 21.70 | |
| 15 | 64QAM | 1 | 74 | 22.49 | 22.61 | 22.22 | |
| 15 | 64QAM | 36 | 0 | 21.23 | 21.28 | 20.98 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.35 | 21.32 | 20.95 | |
| 15 | 64QAM | 36 | 39 | 21.32 | 21.35 | 21.26 | |
| 15 | 64QAM | 75 | 0 | 21.38 | 21.27 | 21.07 | |
| 15 | 256QAM | 1 | 0 | 19.72 | 19.68 | 19.65 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.55 | 19.86 | 19.62 | |
| 15 | 256QAM | 1 | 74 | 20.00 | 19.93 | 19.69 | |
| 15 | 256QAM | 36 | 0 | 19.48 | 19.64 | 19.63 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.75 | 19.69 | 19.75 | |
| 15 | 256QAM | 36 | 39 | 19.65 | 19.69 | 19.58 | |
| 15 | 256QAM | 75 | 0 | 19.72 | 19.79 | 19.58 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 24.17 | 24.22 | 24.15 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.14 | 24.21 | 24.20 | |
| 10 | QPSK | 1 | 49 | 24.16 | 24.19 | 24.24 | |
| 10 | QPSK | 25 | 0 | 23.23 | 23.25 | 23.18 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.33 | 23.28 | 23.25 | |
| 10 | QPSK | 25 | 25 | 23.29 | 23.31 | 23.18 | |
| 10 | QPSK | 50 | 0 | 23.36 | 23.21 | 23.23 | |
| 10 | 16QAM | 1 | 0 | 23.52 | 23.48 | 23.46 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.54 | 23.60 | 23.52 | |
| 10 | 16QAM | 1 | 49 | 23.60 | 23.49 | 23.37 | |
| 10 | 16QAM | 25 | 0 | 22.19 | 22.19 | 22.23 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.28 | 22.28 | 22.31 | |
| 10 | 16QAM | 25 | 25 | 22.33 | 22.26 | 22.27 | |
| 10 | 16QAM | 50 | 0 | 22.38 | 22.28 | 22.23 | |
| 10 | 64QAM | 1 | 0 | 22.02 | 22.55 | 22.34 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.37 | 22.50 | 21.70 | |
| 10 | 64QAM | 1 | 49 | 22.40 | 22.63 | 22.17 | |
| 10 | 64QAM | 25 | 0 | 21.20 | 21.34 | 20.98 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.38 | 21.30 | 20.91 | |
| 10 | 64QAM | 25 | 25 | 21.39 | 21.37 | 21.27 | |
| 10 | 64QAM | 50 | 0 | 21.32 | 21.26 | 21.05 | |
| 10 | 256QAM | 1 | 0 | 19.74 | 19.68 | 19.63 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.52 | 19.91 | 19.58 | |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.91 | 19.70 | |
| 10 | 256QAM | 25 | 0 | 19.48 | 19.69 | 19.65 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.70 | 19.68 | 19.75 | |
| 10 | 256QAM | 25 | 25 | 19.73 | 19.62 | 19.48 | |
| 10 | 256QAM | 50 | 0 | 19.66 | 19.76 | 19.58 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 24.16 | 24.23 | 24.16 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.12 | 24.18 | 24.19 | |
| 5 | QPSK | 1 | 24 | 24.22 | 24.27 | 24.19 | |
| 5 | QPSK | 12 | 0 | 23.22 | 23.31 | 23.17 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.38 | 23.21 | 23.24 | |
| 5 | QPSK | 12 | 13 | 23.29 | 23.26 | 23.20 | |
| 5 | QPSK | 25 | 0 | 23.28 | 23.25 | 23.24 | |
| 5 | 16QAM | 1 | 0 | 23.58 | 23.51 | 23.43 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.50 | 23.54 | 23.43 | |
| 5 | 16QAM | 1 | 24 | 23.56 | 23.46 | 23.40 | |
| 5 | 16QAM | 12 | 0 | 22.20 | 22.25 | 22.22 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.28 | 22.29 | 22.26 | |
| 5 | 16QAM | 12 | 13 | 22.30 | 22.29 | 22.29 | |
| 5 | 16QAM | 25 | 0 | 22.34 | 22.22 | 22.25 | |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.53 | 22.30 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.43 | 22.45 | 21.70 | |
| 5 | 64QAM | 1 | 24 | 22.48 | 22.62 | 22.21 | |
| 5 | 64QAM | 12 | 0 | 21.21 | 21.30 | 20.98 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.36 | 21.34 | 20.87 | |
| 5 | 64QAM | 12 | 13 | 21.37 | 21.39 | 21.26 | |
| 5 | 64QAM | 25 | 0 | 21.32 | 21.21 | 21.09 | |
| 5 | 256QAM | 1 | 0 | 19.69 | 19.66 | 19.71 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.57 | 19.90 | 19.58 | |
| 5 | 256QAM | 1 | 24 | 19.98 | 19.91 | 19.72 | |
| 5 | 256QAM | 12 | 0 | 19.48 | 19.65 | 19.65 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.79 | 19.73 | 19.73 | |
| 5 | 256QAM | 12 | 13 | 19.71 | 19.67 | 19.51 | |
| 5 | 256QAM | 25 | 0 | 19.68 | 19.74 | 19.61 | |
| Channel | | | | 131967 | 132322 | 132677 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 24.23 | 24.28 | 24.17 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.21 | 24.23 | 24.15 | |
| 3 | QPSK | 1 | 14 | 24.16 | 24.24 | 24.21 | |
| 3 | QPSK | 8 | 0 | 23.26 | 23.34 | 23.19 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.37 | 23.23 | 23.30 | |
| 3 | QPSK | 8 | 7 | 23.32 | 23.22 | 23.20 | |
| 3 | QPSK | 15 | 0 | 23.33 | 23.28 | 23.29 | |
| 3 | 16QAM | 1 | 0 | 23.59 | 23.51 | 23.49 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.58 | 23.58 | 23.48 | |
| 3 | 16QAM | 1 | 14 | 23.56 | 23.49 | 23.40 | |
| 3 | 16QAM | 8 | 0 | 22.16 | 22.26 | 22.19 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.31 | 22.26 | 22.39 | |
| 3 | 16QAM | 8 | 7 | 22.36 | 22.36 | 22.28 | |
| 3 | 16QAM | 15 | 0 | 22.39 | 22.30 | 22.26 | |
| 3 | 64QAM | 1 | 0 | 22.04 | 22.54 | 22.35 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.46 | 22.48 | 21.73 | |
| 3 | 64QAM | 1 | 14 | 22.43 | 22.61 | 22.22 | |
| 3 | 64QAM | 8 | 0 | 21.19 | 21.34 | 20.90 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.41 | 21.33 | 20.89 | |
| 3 | 64QAM | 8 | 7 | 21.32 | 21.37 | 21.21 | |
| 3 | 64QAM | 15 | 0 | 21.33 | 21.31 | 21.05 | |
| 3 | 256QAM | 1 | 0 | 19.69 | 19.72 | 19.70 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.54 | 19.86 | 19.64 | |
| 3 | 256QAM | 1 | 14 | 19.93 | 19.91 | 19.74 | |
| 3 | 256QAM | 8 | 0 | 19.42 | 19.65 | 19.60 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.75 | 19.72 | 19.65 | |
| 3 | 256QAM | 8 | 7 | 19.71 | 19.66 | 19.57 | |
| 3 | 256QAM | 15 | 0 | 19.63 | 19.71 | 19.63 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 24.02 | 24.09 | 24.01 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.08 | 24.13 | 24.09 | |
| 1.4 | QPSK | 1 | 5 | 24.03 | 24.08 | 23.96 | |
| 1.4 | QPSK | 3 | 0 | 24.13 | 24.13 | 24.05 | |
| 1.4 | QPSK | 3 | 1 | 24.16 | 24.19 | 24.08 | |
| 1.4 | QPSK | 3 | 3 | 24.06 | 24.16 | 24.02 | |
| 1.4 | QPSK | 6 | 0 | 23.11 | 23.17 | 23.05 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.36 | 23.47 | 23.29 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.45 | 23.46 | 23.36 | |
| 1.4 | 16QAM | 1 | 5 | 23.33 | 23.45 | 23.38 | |
| 1.4 | 16QAM | 3 | 0 | 23.17 | 23.22 | 23.11 | |
| 1.4 | 16QAM | 3 | 1 | 23.27 | 23.33 | 23.16 | |
| 1.4 | 16QAM | 3 | 3 | 23.14 | 23.20 | 23.10 | |
| 1.4 | 16QAM | 6 | 0 | 22.20 | 22.26 | 22.17 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.07 | 22.39 | 22.25 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.17 | 22.50 | 22.31 | |
| 1.4 | 64QAM | 1 | 5 | 22.08 | 22.36 | 22.24 | |
| 1.4 | 64QAM | 3 | 0 | 22.04 | 22.28 | 22.18 | |
| 1.4 | 64QAM | 3 | 1 | 22.16 | 22.39 | 22.25 | |
| 1.4 | 64QAM | 3 | 3 | 22.16 | 22.33 | 22.15 | |
| 1.4 | 64QAM | 6 | 0 | 21.03 | 21.23 | 21.09 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.63 | 19.40 | 19.85 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.64 | 19.61 | 19.75 | |
| 1.4 | 256QAM | 1 | 5 | 19.91 | 19.80 | 19.84 | |
| 1.4 | 256QAM | 3 | 0 | 19.52 | 19.51 | 19.57 | |
| 1.4 | 256QAM | 3 | 1 | 19.64 | 19.60 | 19.67 | |
| 1.4 | 256QAM | 3 | 3 | 19.64 | 19.67 | 19.79 | |
| 1.4 | 256QAM | 6 | 0 | 19.55 | 19.61 | 19.64 | 20.7 |

## Band 71_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 133222 | 133322 | 133372 | |
| Frequency (MHz) | | | | 673 | 683 | 688 | |
| 20 | QPSK | 1 | 0 | 24.65 | 24.57 | 24.52 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.58 | 24.53 | 24.51 | |
| 20 | QPSK | 1 | 99 | 24.51 | 24.53 | 24.50 | |
| 20 | QPSK | 50 | 0 | 23.69 | 23.66 | 23.58 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.71 | 23.61 | 23.61 | |
| 20 | QPSK | 50 | 50 | 23.70 | 23.64 | 23.63 | |
| 20 | QPSK | 100 | 0 | 23.70 | 23.60 | 23.58 | |
| 20 | 16QAM | 1 | 0 | 24.02 | 23.92 | 23.82 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.92 | 23.89 | 23.85 | |
| 20 | 16QAM | 1 | 99 | 23.89 | 23.86 | 23.85 | |
| 20 | 16QAM | 50 | 0 | 22.70 | 22.66 | 22.57 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.73 | 22.63 | 22.61 | |
| 20 | 16QAM | 50 | 50 | 22.70 | 22.66 | 22.64 | |
| 20 | 16QAM | 100 | 0 | 22.70 | 22.62 | 22.59 | |
| 20 | 64QAM | 1 | 0 | 22.82 | 22.75 | 22.74 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.81 | 22.69 | 22.71 | |
| 20 | 64QAM | 1 | 99 | 22.78 | 22.77 | 22.76 | |
| 20 | 64QAM | 50 | 0 | 21.58 | 21.67 | 21.61 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.73 | 21.65 | 21.65 | |
| 20 | 64QAM | 50 | 50 | 21.71 | 21.66 | 21.65 | |
| 20 | 64QAM | 100 | 0 | 21.74 | 21.62 | 21.62 | |
| 20 | 256QAM | 1 | 0 | 19.58 | 19.60 | 19.37 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.41 | 19.36 | 19.39 | |
| 20 | 256QAM | 1 | 99 | 19.45 | 19.55 | 19.55 | |
| 20 | 256QAM | 50 | 0 | 19.41 | 19.47 | 19.44 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.38 | 19.44 | 19.38 | |
| 20 | 256QAM | 50 | 50 | 19.40 | 19.36 | 19.29 | |
| 20 | 256QAM | 100 | 0 | 19.43 | 19.43 | 19.32 | |
| Channel | | | | 133197 | 133297 | 133397 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 24.64 | 24.57 | 24.53 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.50 | 24.53 | 24.52 | |
| 15 | QPSK | 1 | 74 | 24.53 | 24.58 | 24.53 | |
| 15 | QPSK | 36 | 0 | 23.68 | 23.64 | 23.60 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.71 | 23.69 | 23.69 | |
| 15 | QPSK | 36 | 39 | 23.64 | 23.63 | 23.61 | |
| 15 | QPSK | 75 | 0 | 23.72 | 23.69 | 23.69 | |
| 15 | 16QAM | 1 | 0 | 24.01 | 23.93 | 23.84 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.84 | 23.90 | 23.88 | |
| 15 | 16QAM | 1 | 74 | 23.82 | 23.92 | 23.84 | |
| 15 | 16QAM | 36 | 0 | 22.68 | 22.64 | 22.62 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.71 | 22.69 | 22.68 | |
| 15 | 16QAM | 36 | 39 | 22.64 | 22.62 | 22.63 | |
| 15 | 16QAM | 75 | 0 | 22.73 | 22.69 | 22.67 | |
| 15 | 64QAM | 1 | 0 | 22.47 | 22.79 | 22.75 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.63 | 22.78 | 22.78 | |
| 15 | 64QAM | 1 | 74 | 22.75 | 22.83 | 22.77 | |
| 15 | 64QAM | 36 | 0 | 21.48 | 21.69 | 21.63 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.52 | 21.71 | 21.71 | |
| 15 | 64QAM | 36 | 39 | 21.66 | 21.65 | 21.66 | |
| 15 | 64QAM | 75 | 0 | 21.70 | 21.70 | 21.68 | |
| 15 | 256QAM | 1 | 0 | 19.49 | 19.52 | 19.27 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.33 | 19.28 | 19.32 | |
| 15 | 256QAM | 1 | 74 | 19.40 | 19.51 | 19.52 | |
| 15 | 256QAM | 36 | 0 | 19.35 | 19.41 | 19.37 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.32 | 19.43 | 19.30 | |
| 15 | 256QAM | 36 | 39 | 19.30 | 19.36 | 19.25 | |
| 15 | 256QAM | 75 | 0 | 19.38 | 19.38 | 19.31 | |
| Channel | | | | 133172 | 133272 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 678 | 693 | |
| 10 | QPSK | 1 | 0 | 24.62 | 24.57 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.55 | 24.45 | 24.50 | |
| 10 | QPSK | 1 | 49 | 24.52 | 24.51 | 24.45 | |
| 10 | QPSK | 25 | 0 | 23.72 | 23.58 | 23.53 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.71 | 23.58 | 23.59 | |
| 10 | QPSK | 25 | 25 | 23.66 | 23.62 | 23.61 | |
| 10 | QPSK | 50 | 0 | 23.71 | 23.65 | 23.56 | |
| 10 | 16QAM | 1 | 0 | 24.05 | 23.91 | 23.84 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.93 | 23.86 | 23.89 | |
| 10 | 16QAM | 1 | 49 | 23.68 | 23.90 | 23.83 | |
| 10 | 16QAM | 25 | 0 | 22.72 | 22.55 | 22.54 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.71 | 22.57 | 22.54 | |
| 10 | 16QAM | 25 | 25 | 22.64 | 22.60 | 22.61 | |
| 10 | 16QAM | 50 | 0 | 22.71 | 22.63 | 22.54 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.78 | 22.73 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.58 | 22.79 | 22.80 | |
| 10 | 64QAM | 1 | 49 | 22.66 | 22.81 | 22.71 | |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.59 | 21.60 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.60 | 21.62 | |
| 10 | 64QAM | 25 | 25 | 21.28 | 21.65 | 21.64 | |
| 10 | 64QAM | 50 | 0 | 21.41 | 21.66 | 21.57 | |
| 10 | 256QAM | 1 | 0 | 19.55 | 19.57 | 19.36 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.38 | 19.28 | 19.34 | |
| 10 | 256QAM | 1 | 49 | 19.37 | 19.45 | 19.55 | |
| 10 | 256QAM | 25 | 0 | 19.34 | 19.42 | 19.37 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.32 | 19.35 | 19.32 | |
| 10 | 256QAM | 25 | 25 | 19.40 | 19.28 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.36 | 19.33 | 19.22 | |
| Channel | | | | 133147 | 133247 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 675.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 24.60 | 24.57 | 24.58 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.61 | 24.54 | 24.56 | |
| 5 | QPSK | 1 | 24 | 24.56 | 24.54 | 24.47 | |
| 5 | QPSK | 12 | 0 | 23.79 | 23.63 | 23.64 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.73 | 23.64 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.66 | 23.60 | 23.61 | |
| 5 | QPSK | 25 | 0 | 23.70 | 23.64 | 23.59 | |
| 5 | 16QAM | 1 | 0 | 24.02 | 23.92 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.95 | 23.90 | 23.88 | |
| 5 | 16QAM | 1 | 24 | 23.89 | 23.86 | 23.83 | |
| 5 | 16QAM | 12 | 0 | 22.82 | 22.66 | 22.68 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.68 | 22.70 | |
| 5 | 16QAM | 12 | 13 | 22.69 | 22.61 | 22.61 | |
| 5 | 16QAM | 25 | 0 | 22.73 | 22.65 | 22.62 | |
| 5 | 64QAM | 1 | 0 | 22.23 | 22.90 | 22.79 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.48 | 22.85 | 22.81 | |
| 5 | 64QAM | 1 | 24 | 22.47 | 22.83 | 22.78 | |
| 5 | 64QAM | 12 | 0 | 21.34 | 21.70 | 21.71 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.49 | 21.70 | 21.73 | |
| 5 | 64QAM | 12 | 13 | 21.38 | 21.64 | 21.65 | |
| 5 | 64QAM | 25 | 0 | 21.31 | 21.67 | 21.62 | |
| 5 | 256QAM | 1 | 0 | 19.55 | 19.52 | 19.31 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.37 | 19.28 | 19.36 | |
| 5 | 256QAM | 1 | 24 | 19.36 | 19.47 | 19.55 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.45 | 19.34 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.39 | 19.32 | |
| 5 | 256QAM | 12 | 13 | 19.36 | 19.36 | 19.20 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.35 | 19.31 | |

## Band 2_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 23.55 | 23.59 | 23.70 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.51 | 23.65 | 23.64 | |
| 20 | QPSK | 1 | 99 | 23.55 | 23.61 | 23.62 | |
| 20 | QPSK | 50 | 0 | 22.57 | 22.71 | 22.71 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.67 | 22.73 | 22.73 | |
| 20 | QPSK | 50 | 50 | 22.65 | 22.77 | 22.84 | |
| 20 | QPSK | 100 | 0 | 22.68 | 22.69 | 22.74 | |
| 20 | 16QAM | 1 | 0 | 22.96 | 22.95 | 22.98 | 24.5 |
| 20 | 16QAM | 1 | 49 | 22.84 | 22.98 | 22.94 | |
| 20 | 16QAM | 1 | 99 | 22.84 | 22.90 | 22.91 | |
| 20 | 16QAM | 50 | 0 | 21.60 | 21.72 | 21.72 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.68 | 21.75 | 21.77 | |
| 20 | 16QAM | 50 | 50 | 21.66 | 21.78 | 21.83 | |
| 20 | 16QAM | 100 | 0 | 21.65 | 21.68 | 21.75 | |
| 20 | 64QAM | 1 | 0 | 22.73 | 21.80 | 21.88 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.72 | 21.87 | 21.33 | |
| 20 | 64QAM | 1 | 99 | 22.82 | 21.79 | 21.82 | |
| 20 | 64QAM | 50 | 0 | 21.58 | 20.73 | 20.74 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.66 | 20.77 | 20.50 | |
| 20 | 64QAM | 50 | 50 | 21.64 | 20.80 | 20.76 | |
| 20 | 64QAM | 100 | 0 | 21.65 | 20.74 | 20.60 | |
| 20 | 256QAM | 1 | 0 | 18.70 | 18.84 | 18.90 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.81 | 18.99 | 18.96 | |
| 20 | 256QAM | 1 | 99 | 18.86 | 18.97 | 19.03 | |
| 20 | 256QAM | 50 | 0 | 18.64 | 18.75 | 18.80 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.76 | 18.80 | 18.85 | |
| 20 | 256QAM | 50 | 50 | 18.83 | 18.86 | 18.96 | |
| 20 | 256QAM | 100 | 0 | 18.76 | 18.81 | 18.86 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 23.54 | 23.59 | 23.68 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.51 | 23.62 | 23.58 | |
| 15 | QPSK | 1 | 74 | 23.52 | 23.59 | 23.54 | |
| 15 | QPSK | 36 | 0 | 22.56 | 22.69 | 22.64 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.67 | 22.63 | 22.65 | |
| 15 | QPSK | 36 | 39 | 22.59 | 22.69 | 22.76 | |
| 15 | QPSK | 75 | 0 | 22.62 | 22.65 | 22.69 | |
| 15 | 16QAM | 1 | 0 | 22.90 | 22.88 | 22.88 | 24.5 |
| 15 | 16QAM | 1 | 37 | 22.83 | 22.96 | 22.91 | |
| 15 | 16QAM | 1 | 74 | 22.81 | 22.89 | 22.82 | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.64 | 21.64 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.60 | 21.73 | 21.76 | |
| 15 | 16QAM | 36 | 39 | 21.60 | 21.70 | 21.76 | |
| 15 | 16QAM | 75 | 0 | 21.60 | 21.58 | 21.71 | |
| 15 | 64QAM | 1 | 0 | 22.65 | 21.72 | 21.83 | 23.5 |
| 15 | 64QAM | 1 | 37 | 22.72 | 21.82 | 21.55 | |
| 15 | 64QAM | 1 | 74 | 22.81 | 21.79 | 21.80 | |
| 15 | 64QAM | 36 | 0 | 21.51 | 20.63 | 20.71 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.65 | 20.74 | 20.58 | |
| 15 | 64QAM | 36 | 39 | 21.56 | 20.70 | 20.74 | |
| 15 | 64QAM | 75 | 0 | 21.55 | 20.66 | 20.59 | |
| 15 | 256QAM | 1 | 0 | 18.60 | 18.75 | 18.85 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.71 | 18.90 | 18.95 | |
| 15 | 256QAM | 1 | 74 | 18.79 | 18.89 | 18.95 | |
| 15 | 256QAM | 36 | 0 | 18.57 | 18.70 | 18.76 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.74 | 18.79 | 18.85 | |
| 15 | 256QAM | 36 | 39 | 18.75 | 18.78 | 18.86 | |
| 15 | 256QAM | 75 | 0 | 18.72 | 18.80 | 18.85 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 23.53 | 23.51 | 23.69 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.51 | 23.58 | 23.55 | |
| 10 | QPSK | 1 | 49 | 23.52 | 23.57 | 23.62 | |
| 10 | QPSK | 25 | 0 | 22.53 | 22.63 | 22.62 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.64 | 22.64 | 22.66 | |
| 10 | QPSK | 25 | 25 | 22.63 | 22.71 | 22.83 | |
| 10 | QPSK | 50 | 0 | 22.59 | 22.67 | 22.64 | |
| 10 | 16QAM | 1 | 0 | 22.95 | 22.93 | 22.96 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.78 | 22.98 | 22.90 | |
| 10 | 16QAM | 1 | 49 | 22.75 | 22.85 | 22.89 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.62 | 21.67 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.63 | 21.70 | 21.70 | |
| 10 | 16QAM | 25 | 25 | 21.64 | 21.74 | 21.74 | |
| 10 | 16QAM | 50 | 0 | 21.62 | 21.61 | 21.74 | |
| 10 | 64QAM | 1 | 0 | 22.67 | 21.72 | 21.84 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.70 | 21.84 | 21.52 | |
| 10 | 64QAM | 1 | 49 | 22.73 | 21.72 | 21.74 | |
| 10 | 64QAM | 25 | 0 | 21.52 | 20.66 | 20.71 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.59 | 20.69 | 20.52 | |
| 10 | 64QAM | 25 | 25 | 21.60 | 20.73 | 20.70 | |
| 10 | 64QAM | 50 | 0 | 21.59 | 20.65 | 20.56 | |
| 10 | 256QAM | 1 | 0 | 18.62 | 18.81 | 18.89 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.73 | 18.96 | 18.95 | |
| 10 | 256QAM | 1 | 49 | 18.76 | 18.97 | 18.94 | |
| 10 | 256QAM | 25 | 0 | 18.54 | 18.75 | 18.80 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.73 | 18.77 | 18.83 | |
| 10 | 256QAM | 25 | 25 | 18.76 | 18.81 | 18.95 | |
| 10 | 256QAM | 50 | 0 | 18.67 | 18.79 | 18.83 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 23.55 | 23.56 | 23.66 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.57 | 23.62 | |
| 5 | QPSK | 1 | 24 | 23.54 | 23.54 | 23.61 | |
| 5 | QPSK | 12 | 0 | 22.53 | 22.63 | 22.61 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.57 | 22.63 | 22.67 | |
| 5 | QPSK | 12 | 13 | 22.65 | 22.76 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.63 | 22.68 | 22.74 | |
| 5 | 16QAM | 1 | 0 | 22.93 | 22.89 | 22.98 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.81 | 22.93 | 22.91 | |
| 5 | 16QAM | 1 | 24 | 22.81 | 22.82 | 22.86 | |
| 5 | 16QAM | 12 | 0 | 21.59 | 21.71 | 21.67 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.64 | 21.73 | 21.75 | |
| 5 | 16QAM | 12 | 13 | 21.63 | 21.68 | 21.77 | |
| 5 | 16QAM | 25 | 0 | 21.58 | 21.60 | 21.69 | |
| 5 | 64QAM | 1 | 0 | 22.71 | 21.79 | 21.86 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.69 | 21.82 | 21.53 | |
| 5 | 64QAM | 1 | 24 | 22.75 | 21.71 | 21.81 | |
| 5 | 64QAM | 12 | 0 | 21.50 | 20.68 | 20.66 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.60 | 20.69 | 20.50 | |
| 5 | 64QAM | 12 | 13 | 21.63 | 20.70 | 20.67 | |
| 5 | 64QAM | 25 | 0 | 21.62 | 20.72 | 20.57 | |
| 5 | 256QAM | 1 | 0 | 18.70 | 18.80 | 18.88 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.94 | 18.88 | |
| 5 | 256QAM | 1 | 24 | 18.80 | 18.87 | 19.03 | |
| 5 | 256QAM | 12 | 0 | 18.62 | 18.74 | 18.78 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.68 | 18.79 | 18.77 | |
| 5 | 256QAM | 12 | 13 | 18.80 | 18.83 | 18.88 | |
| 5 | 256QAM | 25 | 0 | 18.76 | 18.77 | 18.83 | |
| Channel | | | | 18575 | 18900 | 19225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 23.56 | 23.50 | 23.66 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.51 | 23.65 | 23.57 | |
| 3 | QPSK | 1 | 14 | 23.51 | 23.52 | 23.54 | |
| 3 | QPSK | 8 | 0 | 22.52 | 22.70 | 22.69 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.67 | 22.70 | 22.69 | |
| 3 | QPSK | 8 | 7 | 22.64 | 22.76 | 22.78 | |
| 3 | QPSK | 15 | 0 | 22.61 | 22.67 | 22.67 | |
| 3 | 16QAM | 1 | 0 | 22.91 | 22.91 | 22.96 | 24.5 |
| 3 | 16QAM | 1 | 8 | 22.81 | 22.89 | 22.88 | |
| 3 | 16QAM | 1 | 14 | 22.83 | 22.87 | 22.85 | |
| 3 | 16QAM | 8 | 0 | 21.55 | 21.66 | 21.72 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.62 | 21.66 | 21.76 | |
| 3 | 16QAM | 8 | 7 | 21.59 | 21.71 | 21.76 | |
| 3 | 16QAM | 15 | 0 | 21.55 | 21.62 | 21.72 | |
| 3 | 64QAM | 1 | 0 | 22.70 | 21.80 | 21.80 | 23.5 |
| 3 | 64QAM | 1 | 8 | 22.66 | 21.79 | 21.53 | |
| 3 | 64QAM | 1 | 14 | 22.82 | 21.79 | 21.73 | |
| 3 | 64QAM | 8 | 0 | 21.52 | 20.73 | 20.67 | 22.5 |
| 3 | 64QAM | 8 | 4 | 21.56 | 20.73 | 21.58 | |
| 3 | 64QAM | 8 | 7 | 21.57 | 20.78 | 20.69 | |
| 3 | 64QAM | 15 | 0 | 21.63 | 20.74 | 20.54 | |
| 3 | 256QAM | 1 | 0 | 18.70 | 18.81 | 18.88 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.81 | 18.95 | 18.95 | |
| 3 | 256QAM | 1 | 14 | 18.83 | 18.94 | 19.03 | |
| 3 | 256QAM | 8 | 0 | 18.59 | 18.66 | 18.70 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.74 | 18.72 | 18.75 | |
| 3 | 256QAM | 8 | 7 | 18.74 | 18.84 | 18.91 | |
| 3 | 256QAM | 15 | 0 | 18.71 | 18.80 | 18.84 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 23.51 | 23.52 | 23.57 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.56 | 23.61 | 23.63 | |
| 1.4 | QPSK | 1 | 5 | 23.50 | 23.57 | 23.58 | |
| 1.4 | QPSK | 3 | 0 | 23.55 | 23.54 | 23.61 | |
| 1.4 | QPSK | 3 | 1 | 23.58 | 23.65 | 23.66 | |
| 1.4 | QPSK | 3 | 3 | 23.53 | 23.60 | 23.63 | |
| 1.4 | QPSK | 6 | 0 | 22.59 | 22.56 | 22.72 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.72 | 22.79 | 22.95 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 22.80 | 22.95 | 22.96 | |
| 1.4 | 16QAM | 1 | 5 | 22.74 | 22.85 | 22.92 | |
| 1.4 | 16QAM | 3 | 0 | 22.51 | 22.62 | 22.69 | |
| 1.4 | 16QAM | 3 | 1 | 22.58 | 22.71 | 22.74 | |
| 1.4 | 16QAM | 3 | 3 | 22.50 | 22.66 | 22.66 | |
| 1.4 | 16QAM | 6 | 0 | 21.57 | 21.68 | 21.70 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.68 | 21.76 | 21.94 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.70 | 21.86 | 21.89 | |
| 1.4 | 64QAM | 1 | 5 | 21.62 | 21.82 | 21.83 | |
| 1.4 | 64QAM | 3 | 0 | 21.64 | 21.71 | 21.82 | |
| 1.4 | 64QAM | 3 | 1 | 21.67 | 21.84 | 21.87 | |
| 1.4 | 64QAM | 3 | 3 | 21.64 | 21.78 | 21.80 | |
| 1.4 | 64QAM | 6 | 0 | 20.51 | 20.60 | 20.74 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.63 | 18.60 | 18.62 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.64 | 18.67 | 18.66 | |
| 1.4 | 256QAM | 1 | 5 | 18.67 | 18.67 | 18.60 | |
| 1.4 | 256QAM | 3 | 0 | 18.65 | 18.68 | 18.61 | |
| 1.4 | 256QAM | 3 | 1 | 18.62 | 18.65 | 18.66 | |
| 1.4 | 256QAM | 3 | 3 | 18.64 | 18.69 | 18.67 | |
| 1.4 | 256QAM | 6 | 0 | 18.66 | 18.67 | 18.67 | 20.5 |

## Band 4_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 23.99 | 24.00 | 23.98 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.82 | 23.81 | 23.78 | |
| 20 | QPSK | 1 | 99 | 23.78 | 23.79 | 23.72 | |
| 20 | QPSK | 50 | 0 | 23.01 | 23.03 | 22.98 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.03 | 22.94 | 22.91 | |
| 20 | QPSK | 50 | 50 | 22.95 | 22.90 | 22.89 | |
| 20 | QPSK | 100 | 0 | 23.00 | 22.97 | 22.87 | |
| 20 | 16QAM | 1 | 0 | 23.34 | 23.29 | 23.33 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.17 | 23.19 | 23.11 | |
| 20 | 16QAM | 1 | 99 | 23.15 | 23.09 | 23.04 | |
| 20 | 16QAM | 50 | 0 | 22.02 | 22.03 | 21.98 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.05 | 21.96 | 21.90 | |
| 20 | 16QAM | 50 | 50 | 21.98 | 21.94 | 21.90 | |
| 20 | 16QAM | 100 | 0 | 22.01 | 21.96 | 21.90 | |
| 20 | 64QAM | 1 | 0 | 21.23 | 22.22 | 22.06 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.03 | 22.01 | 22.02 | |
| 20 | 64QAM | 1 | 99 | 22.04 | 21.91 | 21.98 | |
| 20 | 64QAM | 50 | 0 | 20.86 | 21.07 | 20.83 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.05 | 20.99 | 20.94 | |
| 20 | 64QAM | 50 | 50 | 21.00 | 20.86 | 20.93 | |
| 20 | 64QAM | 100 | 0 | 21.08 | 20.97 | 20.92 | |
| 20 | 256QAM | 1 | 0 | 19.01 | 18.86 | 19.02 | 20.5 |
| 20 | 256QAM | 1 | 49 | 19.04 | 18.86 | 18.81 | |
| 20 | 256QAM | 1 | 99 | 19.10 | 19.01 | 18.99 | |
| 20 | 256QAM | 50 | 0 | 18.94 | 18.91 | 18.88 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.91 | 18.90 | 18.86 | |
| 20 | 256QAM | 50 | 50 | 18.94 | 18.97 | 18.88 | |
| 20 | 256QAM | 100 | 0 | 19.07 | 18.93 | 18.91 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 23.90 | 23.95 | 23.95 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.80 | 23.78 | 23.78 | |
| 15 | QPSK | 1 | 74 | 23.75 | 23.70 | 23.70 | |
| 15 | QPSK | 36 | 0 | 23.00 | 23.01 | 22.98 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.02 | 22.93 | 22.89 | |
| 15 | QPSK | 36 | 39 | 22.91 | 22.89 | 22.85 | |
| 15 | QPSK | 75 | 0 | 22.90 | 22.90 | 22.89 | |
| 15 | 16QAM | 1 | 0 | 23.34 | 23.27 | 23.31 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.11 | 23.11 | 23.04 | |
| 15 | 16QAM | 1 | 74 | 23.06 | 23.04 | 22.98 | |
| 15 | 16QAM | 36 | 0 | 21.95 | 21.97 | 21.91 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.96 | 21.88 | 21.85 | |
| 15 | 16QAM | 36 | 39 | 21.90 | 21.88 | 21.85 | |
| 15 | 16QAM | 75 | 0 | 21.99 | 21.96 | 21.82 | |
| 15 | 64QAM | 1 | 0 | 21.21 | 22.13 | 22.02 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.94 | 22.00 | 21.95 | |
| 15 | 64QAM | 1 | 74 | 22.02 | 21.86 | 21.98 | |
| 15 | 64QAM | 36 | 0 | 20.80 | 21.02 | 20.81 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.04 | 20.93 | 20.87 | |
| 15 | 64QAM | 36 | 39 | 20.92 | 20.85 | 20.84 | |
| 15 | 64QAM | 75 | 0 | 20.99 | 20.92 | 20.86 | |
| 15 | 256QAM | 1 | 0 | 18.93 | 18.86 | 19.01 | 20.5 |
| 15 | 256QAM | 1 | 37 | 19.03 | 18.76 | 18.80 | |
| 15 | 256QAM | 1 | 74 | 19.00 | 18.97 | 18.93 | |
| 15 | 256QAM | 36 | 0 | 18.84 | 18.89 | 18.78 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.82 | 18.87 | 18.76 | |
| 15 | 256QAM | 36 | 39 | 18.90 | 18.94 | 18.84 | |
| 15 | 256QAM | 75 | 0 | 19.01 | 18.89 | 18.83 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 23.93 | 23.95 | 23.98 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.72 | 23.78 | 23.78 | |
| 10 | QPSK | 1 | 49 | 23.72 | 23.77 | 23.67 | |
| 10 | QPSK | 25 | 0 | 22.92 | 23.03 | 22.90 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.95 | 22.88 | 22.84 | |
| 10 | QPSK | 25 | 25 | 22.88 | 22.85 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.95 | 22.89 | 22.82 | |
| 10 | 16QAM | 1 | 0 | 23.26 | 23.25 | 23.32 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.15 | 23.12 | 23.09 | |
| 10 | 16QAM | 1 | 49 | 23.12 | 23.09 | 22.98 | |
| 10 | 16QAM | 25 | 0 | 21.98 | 21.93 | 21.97 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.04 | 21.96 | 21.82 | |
| 10 | 16QAM | 25 | 25 | 21.95 | 21.87 | 21.90 | |
| 10 | 16QAM | 50 | 0 | 21.91 | 21.86 | 21.82 | |
| 10 | 64QAM | 1 | 0 | 21.21 | 22.19 | 22.02 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.00 | 21.92 | 21.96 | |
| 10 | 64QAM | 1 | 49 | 22.00 | 21.82 | 21.96 | |
| 10 | 64QAM | 25 | 0 | 20.83 | 21.03 | 20.83 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.02 | 20.99 | 20.94 | |
| 10 | 64QAM | 25 | 25 | 20.96 | 20.85 | 20.88 | |
| 10 | 64QAM | 50 | 0 | 20.98 | 20.89 | 20.86 | |
| 10 | 256QAM | 1 | 0 | 18.94 | 18.80 | 18.98 | 20.5 |
| 10 | 256QAM | 1 | 25 | 19.04 | 18.80 | 18.80 | |
| 10 | 256QAM | 1 | 49 | 19.02 | 18.91 | 18.92 | |
| 10 | 256QAM | 25 | 0 | 18.94 | 18.85 | 18.87 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.83 | 18.89 | 18.83 | |
| 10 | 256QAM | 25 | 25 | 18.94 | 18.93 | 18.84 | |
| 10 | 256QAM | 50 | 0 | 19.00 | 18.92 | 18.91 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 23.97 | 23.98 | 23.88 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.81 | 23.80 | 23.78 | |
| 5 | QPSK | 1 | 24 | 23.70 | 23.74 | 23.64 | |
| 5 | QPSK | 12 | 0 | 22.93 | 22.94 | 22.98 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.94 | 22.93 | 22.84 | |
| 5 | QPSK | 12 | 13 | 22.93 | 22.84 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.90 | 22.90 | 22.86 | |
| 5 | 16QAM | 1 | 0 | 23.27 | 23.23 | 23.29 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.13 | 23.18 | 23.08 | |
| 5 | 16QAM | 1 | 24 | 23.09 | 23.00 | 23.00 | |
| 5 | 16QAM | 12 | 0 | 21.95 | 21.98 | 21.93 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.04 | 21.89 | 21.86 | |
| 5 | 16QAM | 12 | 13 | 21.96 | 21.90 | 21.89 | |
| 5 | 16QAM | 25 | 0 | 21.97 | 21.96 | 21.86 | |
| 5 | 64QAM | 1 | 0 | 21.16 | 22.20 | 22.04 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.99 | 21.97 | 22.01 | |
| 5 | 64QAM | 1 | 24 | 22.03 | 21.85 | 21.90 | |
| 5 | 64QAM | 12 | 0 | 20.86 | 21.00 | 20.80 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.02 | 20.89 | 20.88 | |
| 5 | 64QAM | 12 | 13 | 21.00 | 20.76 | 20.83 | |
| 5 | 64QAM | 25 | 0 | 21.00 | 20.92 | 20.85 | |
| 5 | 256QAM | 1 | 0 | 19.01 | 18.79 | 19.02 | 20.5 |
| 5 | 256QAM | 1 | 12 | 19.04 | 18.77 | 18.74 | |
| 5 | 256QAM | 1 | 24 | 19.04 | 18.92 | 18.89 | |
| 5 | 256QAM | 12 | 0 | 18.87 | 18.90 | 18.80 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.89 | 18.88 | 18.83 | |
| 5 | 256QAM | 12 | 13 | 18.86 | 18.88 | 18.86 | |
| 5 | 256QAM | 25 | 0 | 19.04 | 18.93 | 18.83 | |
| Channel | | | | 19925 | 20175 | 20425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 23.89 | 23.93 | 23.98 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.81 | 23.80 | 23.71 | |
| 3 | QPSK | 1 | 14 | 23.78 | 23.79 | 23.67 | |
| 3 | QPSK | 8 | 0 | 22.99 | 23.03 | 22.90 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.98 | 22.91 | 22.85 | |
| 3 | QPSK | 8 | 7 | 22.89 | 22.80 | 22.83 | |
| 3 | QPSK | 15 | 0 | 22.91 | 22.97 | 22.85 | |
| 3 | 16QAM | 1 | 0 | 23.32 | 23.24 | 23.24 | 24.5 |
| 3 | 16QAM | 1 | 8 | 23.13 | 23.15 | 23.04 | |
| 3 | 16QAM | 1 | 14 | 23.07 | 23.03 | 22.94 | |
| 3 | 16QAM | 8 | 0 | 22.01 | 22.01 | 21.91 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.95 | 21.95 | 21.83 | |
| 3 | 16QAM | 8 | 7 | 21.95 | 21.86 | 21.84 | |
| 3 | 16QAM | 15 | 0 | 21.92 | 21.94 | 21.83 | |
| 3 | 64QAM | 1 | 0 | 21.16 | 22.17 | 22.02 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.99 | 21.96 | 21.98 | |
| 3 | 64QAM | 1 | 14 | 22.03 | 21.89 | 21.88 | |
| 3 | 64QAM | 8 | 0 | 20.81 | 20.97 | 20.82 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.99 | 20.92 | 20.93 | |
| 3 | 64QAM | 8 | 7 | 20.95 | 20.76 | 20.88 | |
| 3 | 64QAM | 15 | 0 | 21.06 | 20.92 | 20.85 | |
| 3 | 256QAM | 1 | 0 | 19.01 | 18.85 | 18.95 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.98 | 18.79 | 18.79 | |
| 3 | 256QAM | 1 | 14 | 19.03 | 18.93 | 18.96 | |
| 3 | 256QAM | 8 | 0 | 18.89 | 18.89 | 18.87 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.90 | 18.84 | 18.81 | |
| 3 | 256QAM | 8 | 7 | 18.93 | 18.89 | 18.87 | |
| 3 | 256QAM | 15 | 0 | 19.01 | 18.91 | 18.82 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 23.72 | 23.83 | 23.75 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.81 | 23.88 | 23.84 | |
| 1.4 | QPSK | 1 | 5 | 23.76 | 23.82 | 23.76 | |
| 1.4 | QPSK | 3 | 0 | 23.76 | 23.84 | 23.80 | |
| 1.4 | QPSK | 3 | 1 | 23.84 | 23.86 | 23.82 | |
| 1.4 | QPSK | 3 | 3 | 23.77 | 23.86 | 23.80 | |
| 1.4 | QPSK | 6 | 0 | 22.82 | 22.88 | 22.87 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.99 | 23.14 | 23.07 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 23.12 | 23.21 | 23.15 | |
| 1.4 | 16QAM | 1 | 5 | 23.08 | 23.14 | 23.10 | |
| 1.4 | 16QAM | 3 | 0 | 22.87 | 22.92 | 22.89 | |
| 1.4 | 16QAM | 3 | 1 | 22.92 | 22.99 | 22.92 | |
| 1.4 | 16QAM | 3 | 3 | 22.91 | 22.91 | 22.88 | |
| 1.4 | 16QAM | 6 | 0 | 22.01 | 21.95 | 21.94 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.03 | 22.03 | 22.01 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.12 | 22.14 | 22.12 | |
| 1.4 | 64QAM | 1 | 5 | 21.08 | 22.05 | 22.04 | |
| 1.4 | 64QAM | 3 | 0 | 21.06 | 22.04 | 22.00 | |
| 1.4 | 64QAM | 3 | 1 | 21.20 | 22.08 | 22.04 | |
| 1.4 | 64QAM | 3 | 3 | 21.14 | 22.07 | 22.00 | |
| 1.4 | 64QAM | 6 | 0 | 20.02 | 20.93 | 20.86 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.98 | 18.76 | 19.01 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.94 | 18.79 | 18.78 | |
| 1.4 | 256QAM | 1 | 5 | 19.08 | 18.94 | 18.91 | |
| 1.4 | 256QAM | 3 | 0 | 18.86 | 18.85 | 18.87 | |
| 1.4 | 256QAM | 3 | 1 | 18.84 | 18.84 | 18.81 | |
| 1.4 | 256QAM | 3 | 3 | 18.87 | 18.95 | 18.85 | |
| 1.4 | 256QAM | 6 | 0 | 19.06 | 18.83 | 18.85 | 20.5 |

## Band 5_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.47 | 23.57 | 23.64 | |
| 10 | QPSK | 1 | 25 | 23.51 | 23.56 | 23.53 | 25 |
| 10 | QPSK | 1 | 49 | 23.58 | 23.53 | 23.45 | |
| 10 | QPSK | 25 | 0 | 22.63 | 22.66 | 22.63 | |
| 10 | QPSK | 25 | 12 | 22.72 | 22.67 | 22.62 | 24 |
| 10 | QPSK | 25 | 25 | 22.68 | 22.70 | 22.64 | |
| 10 | QPSK | 50 | 0 | 22.72 | 22.66 | 22.59 | |
| 10 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.97 | |
| 10 | 16QAM | 1 | 25 | 22.92 | 22.98 | 22.92 | 24 |
| 10 | 16QAM | 1 | 49 | 22.96 | 22.93 | 22.83 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.65 | 21.58 | |
| 10 | 16QAM | 25 | 12 | 21.71 | 21.67 | 21.63 | 23 |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.71 | 21.62 | |
| 10 | 16QAM | 50 | 0 | 21.70 | 21.64 | 21.62 | |
| 10 | 64QAM | 1 | 0 | 21.74 | 21.77 | 21.81 | |
| 10 | 64QAM | 1 | 25 | 21.86 | 21.90 | 21.75 | 23 |
| 10 | 64QAM | 1 | 49 | 21.87 | 21.83 | 21.17 | |
| 10 | 64QAM | 25 | 0 | 20.66 | 20.69 | 20.66 | |
| 10 | 64QAM | 25 | 12 | 20.77 | 20.72 | 20.67 | 22 |
| 10 | 64QAM | 25 | 25 | 20.71 | 20.74 | 20.45 | |
| 10 | 64QAM | 50 | 0 | 20.73 | 20.69 | 20.66 | |
| 10 | 256QAM | 1 | 0 | 18.48 | 18.63 | 18.58 | |
| 10 | 256QAM | 1 | 25 | 18.53 | 18.50 | 18.61 | 20 |
| 10 | 256QAM | 1 | 49 | 18.50 | 18.63 | 18.54 | |
| 10 | 256QAM | 25 | 0 | 18.47 | 18.48 | 18.45 | |
| 10 | 256QAM | 25 | 12 | 18.49 | 18.42 | 18.39 | 20 |
| 10 | 256QAM | 25 | 25 | 18.36 | 18.48 | 18.48 | |
| 10 | 256QAM | 50 | 0 | 18.51 | 18.49 | 18.44 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.61 | 23.62 | 23.60 | |
| 5 | QPSK | 1 | 12 | 23.60 | 23.63 | 23.62 | 25 |
| 5 | QPSK | 1 | 24 | 23.57 | 23.59 | 23.53 | |
| 5 | QPSK | 12 | 0 | 22.63 | 22.73 | 22.65 | |
| 5 | QPSK | 12 | 7 | 22.70 | 22.74 | 22.58 | 24 |
| 5 | QPSK | 12 | 13 | 22.65 | 22.67 | 22.57 | |
| 5 | QPSK | 25 | 0 | 22.68 | 22.72 | 22.59 | |
| 5 | 16QAM | 1 | 0 | 22.94 | 23.01 | 22.93 | |
| 5 | 16QAM | 1 | 12 | 22.92 | 22.99 | 22.84 | 24 |
| 5 | 16QAM | 1 | 24 | 22.94 | 22.96 | 22.80 | |
| 5 | 16QAM | 12 | 0 | 21.67 | 21.75 | 21.67 | |
| 5 | 16QAM | 12 | 7 | 21.71 | 21.77 | 21.61 | 23 |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.69 | 21.58 | |
| 5 | 16QAM | 25 | 0 | 21.72 | 21.74 | 21.60 | |
| 5 | 64QAM | 1 | 0 | 21.86 | 21.95 | 21.86 | |
| 5 | 64QAM | 1 | 12 | 21.83 | 21.90 | 21.28 | 23 |
| 5 | 64QAM | 1 | 24 | 21.88 | 21.91 | 21.09 | |
| 5 | 64QAM | 12 | 0 | 20.74 | 20.80 | 20.55 | |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.81 | 20.29 | 22 |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.75 | 20.28 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.76 | 20.33 | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.58 | 18.58 | |
| 5 | 256QAM | 1 | 12 | 18.50 | 18.40 | 18.53 | 20 |
| 5 | 256QAM | 1 | 24 | 18.50 | 18.53 | 18.46 | |
| 5 | 256QAM | 12 | 0 | 18.40 | 18.44 | 18.40 | |
| 5 | 256QAM | 12 | 7 | 18.44 | 18.37 | 18.36 | 20 |
| 5 | 256QAM | 12 | 13 | 18.35 | 18.39 | 18.46 | |
| 5 | 256QAM | 25 | 0 | 18.43 | 18.45 | 18.39 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.39 | 23.47 | 23.61 | |
| 3 | QPSK | 1 | 8 | 23.49 | 23.53 | 23.46 | 25 |
| 3 | QPSK | 1 | 14 | 23.51 | 23.51 | 23.42 | |
| 3 | QPSK | 8 | 0 | 22.55 | 22.58 | 22.58 | |
| 3 | QPSK | 8 | 4 | 22.68 | 22.58 | 22.54 | 24 |
| 3 | QPSK | 8 | 7 | 22.63 | 22.65 | 22.58 | |
| 3 | QPSK | 15 | 0 | 22.62 | 22.60 | 22.50 | |
| 3 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.90 | |
| 3 | 16QAM | 1 | 8 | 22.87 | 22.97 | 22.86 | 24 |
| 3 | 16QAM | 1 | 14 | 22.94 | 22.90 | 22.73 | |
| 3 | 16QAM | 8 | 0 | 21.56 | 21.59 | 21.57 | |
| 3 | 16QAM | 8 | 4 | 21.64 | 21.62 | 21.63 | 23 |
| 3 | 16QAM | 8 | 7 | 21.61 | 21.66 | 21.57 | |
| 3 | 16QAM | 15 | 0 | 21.69 | 21.54 | 21.52 | |
| 3 | 64QAM | 1 | 0 | 21.65 | 21.67 | 21.74 | |
| 3 | 64QAM | 1 | 8 | 21.78 | 21.83 | 21.69 | 23 |
| 3 | 64QAM | 1 | 14 | 21.81 | 21.79 | 21.16 | |
| 3 | 64QAM | 8 | 0 | 20.61 | 20.60 | 20.61 | |
| 3 | 64QAM | 8 | 4 | 20.76 | 20.72 | 20.60 | 22 |
| 3 | 64QAM | 8 | 7 | 20.63 | 20.72 | 20.41 | |
| 3 | 64QAM | 15 | 0 | 20.65 | 20.59 | 20.59 | |
| 3 | 256QAM | 1 | 0 | 18.40 | 18.61 | 18.49 | |
| 3 | 256QAM | 1 | 8 | 18.43 | 18.47 | 18.51 | 20 |
| 3 | 256QAM | 1 | 14 | 18.45 | 18.63 | 18.45 | |
| 3 | 256QAM | 8 | 0 | 18.39 | 18.44 | 18.36 | |
| 3 | 256QAM | 8 | 4 | 18.46 | 18.37 | 18.39 | 20 |
| 3 | 256QAM | 8 | 7 | 18.34 | 18.42 | 18.43 | |
| 3 | 256QAM | 15 | 0 | 18.46 | 18.44 | 18.35 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.45 | 23.52 | 23.43 | |
| 1.4 | QPSK | 1 | 3 | 23.54 | 23.58 | 23.49 | |
| 1.4 | QPSK | 1 | 5 | 23.47 | 23.51 | 23.39 | 25 |
| 1.4 | QPSK | 3 | 0 | 23.53 | 23.52 | 23.47 | |
| 1.4 | QPSK | 3 | 1 | 23.57 | 23.62 | 23.50 | |
| 1.4 | QPSK | 3 | 3 | 23.53 | 23.57 | 23.48 | |
| 1.4 | QPSK | 6 | 0 | 22.58 | 22.64 | 22.51 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.79 | 22.84 | 22.78 | |
| 1.4 | 16QAM | 1 | 3 | 22.89 | 22.94 | 22.77 | |
| 1.4 | 16QAM | 1 | 5 | 22.82 | 22.86 | 22.72 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.63 | 22.64 | 22.54 | |
| 1.4 | 16QAM | 3 | 1 | 22.69 | 22.72 | 22.59 | |
| 1.4 | 16QAM | 3 | 3 | 22.61 | 22.63 | 22.49 | |
| 1.4 | 16QAM | 6 | 0 | 21.64 | 21.71 | 21.58 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.74 | 21.75 | 21.39 | |
| 1.4 | 64QAM | 1 | 3 | 21.84 | 21.91 | 21.44 | |
| 1.4 | 64QAM | 1 | 5 | 21.75 | 21.82 | 21.39 | 23 |
| 1.4 | 64QAM | 3 | 0 | 21.78 | 21.74 | 21.32 | |
| 1.4 | 64QAM | 3 | 1 | 21.78 | 21.84 | 21.44 | |
| 1.4 | 64QAM | 3 | 3 | 21.75 | 21.75 | 21.47 | |
| 1.4 | 64QAM | 6 | 0 | 20.60 | 20.65 | 20.30 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.46 | 18.60 | 18.51 | |
| 1.4 | 256QAM | 1 | 3 | 18.46 | 18.47 | 18.61 | |
| 1.4 | 256QAM | 1 | 5 | 18.42 | 18.53 | 18.54 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.45 | 18.47 | 18.41 | |
| 1.4 | 256QAM | 3 | 1 | 18.39 | 18.32 | 18.38 | |
| 1.4 | 256QAM | 3 | 3 | 18.34 | 18.39 | 18.41 | |
| 1.4 | 256QAM | 6 | 0 | 18.51 | 18.40 | 18.42 | 20 |

## Band 7_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 23.91 | 23.94 | 23.99 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.93 | 23.99 | 23.94 | |
| 20 | QPSK | 1 | 99 | 23.99 | 24.06 | 24.02 | |
| 20 | QPSK | 50 | 0 | 22.97 | 23.02 | 23.02 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.10 | 23.09 | 23.06 | |
| 20 | QPSK | 50 | 50 | 23.11 | 23.16 | 23.13 | |
| 20 | QPSK | 100 | 0 | 23.07 | 23.07 | 23.05 | |
| 20 | 16QAM | 1 | 0 | 23.27 | 23.30 | 23.29 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.29 | 23.38 | 23.36 | |
| 20 | 16QAM | 1 | 99 | 23.33 | 23.40 | 23.34 | |
| 20 | 16QAM | 50 | 0 | 21.98 | 22.04 | 22.02 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.10 | 22.10 | 22.06 | |
| 20 | 16QAM | 50 | 50 | 22.13 | 22.17 | 22.14 | |
| 20 | 16QAM | 100 | 0 | 22.06 | 22.07 | 22.03 | |
| 20 | 64QAM | 1 | 0 | 22.08 | 22.17 | 22.10 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.16 | 22.26 | 22.21 | |
| 20 | 64QAM | 1 | 99 | 22.24 | 22.32 | 22.27 | |
| 20 | 64QAM | 50 | 0 | 21.00 | 21.08 | 21.05 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.12 | 21.11 | 21.08 | |
| 20 | 64QAM | 50 | 50 | 21.15 | 21.21 | 21.15 | |
| 20 | 64QAM | 100 | 0 | 21.12 | 21.05 | 21.07 | |
| 20 | 256QAM | 1 | 0 | 19.20 | 19.27 | 19.13 | 20.5 |
| 20 | 256QAM | 1 | 49 | 19.26 | 19.16 | 19.22 | |
| 20 | 256QAM | 1 | 99 | 19.12 | 19.17 | 19.11 | |
| 20 | 256QAM | 50 | 0 | 19.12 | 19.12 | 19.07 | 20.5 |
| 20 | 256QAM | 50 | 24 | 19.22 | 19.14 | 19.10 | |
| 20 | 256QAM | 50 | 50 | 19.17 | 19.16 | 19.13 | |
| 20 | 256QAM | 100 | 0 | 19.23 | 19.11 | 19.05 | |
| Channel | | | | 20525 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 23.83 | 23.84 | 23.95 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.86 | 23.90 | 23.85 | |
| 15 | QPSK | 1 | 74 | 23.97 | 24.04 | 23.94 | |
| 15 | QPSK | 36 | 0 | 22.95 | 22.98 | 23.00 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.06 | 23.04 | 23.04 | |
| 15 | QPSK | 36 | 39 | 23.08 | 23.13 | 23.09 | |
| 15 | QPSK | 75 | 0 | 23.02 | 23.01 | 23.01 | |
| 15 | 16QAM | 1 | 0 | 23.23 | 23.30 | 23.29 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.24 | 23.36 | 23.30 | |
| 15 | 16QAM | 1 | 74 | 23.31 | 23.34 | 23.24 | |
| 15 | 16QAM | 36 | 0 | 21.88 | 22.04 | 22.01 | 23.5 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.02 | 21.97 | |
| 15 | 16QAM | 36 | 39 | 22.10 | 22.09 | 22.14 | |
| 15 | 16QAM | 75 | 0 | 21.98 | 22.05 | 21.94 | |
| 15 | 64QAM | 1 | 0 | 22.07 | 22.08 | 22.06 | 23.5 |
| 15 | 64QAM | 1 | 37 | 22.09 | 22.20 | 22.19 | |
| 15 | 64QAM | 1 | 74 | 22.14 | 22.25 | 22.17 | |
| 15 | 64QAM | 36 | 0 | 20.95 | 20.98 | 21.02 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.03 | 21.02 | 21.06 | |
| 15 | 64QAM | 36 | 39 | 21.12 | 21.21 | 21.06 | |
| 15 | 64QAM | 75 | 0 | 21.06 | 21.05 | 21.00 | |
| 15 | 256QAM | 1 | 0 | 19.17 | 19.25 | 19.13 | 20.5 |
| 15 | 256QAM | 1 | 37 | 19.16 | 19.12 | 19.19 | |
| 15 | 256QAM | 1 | 74 | 19.04 | 19.15 | 19.02 | |
| 15 | 256QAM | 36 | 0 | 19.04 | 19.12 | 19.04 | 20.5 |
| 15 | 256QAM | 36 | 20 | 19.14 | 19.05 | 19.05 | |
| 15 | 256QAM | 36 | 39 | 19.16 | 19.14 | 19.08 | |
| 15 | 256QAM | 75 | 0 | 19.23 | 19.04 | 18.97 | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 23.89 | 23.92 | 23.99 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.93 | 23.90 | 23.84 | |
| 10 | QPSK | 1 | 49 | 23.90 | 24.01 | 23.96 | |
| 10 | QPSK | 25 | 0 | 22.91 | 22.99 | 22.97 | 24.5 |
| 10 | QPSK | 25 | 12 | 23.07 | 23.06 | 23.00 | |
| 10 | QPSK | 25 | 25 | 23.03 | 23.09 | 23.03 | |
| 10 | QPSK | 50 | 0 | 22.99 | 23.08 | 23.01 | |
| 10 | 16QAM | 1 | 0 | 23.17 | 23.24 | 23.26 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.27 | 23.34 | 23.35 | |
| 10 | 16QAM | 1 | 49 | 23.31 | 23.39 | 23.31 | |
| 10 | 16QAM | 25 | 0 | 21.92 | 22.00 | 21.95 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.07 | 22.08 | 22.06 | |
| 10 | 16QAM | 25 | 25 | 22.08 | 22.10 | 22.07 | |
| 10 | 16QAM | 50 | 0 | 22.02 | 22.04 | 22.00 | |
| 10 | 64QAM | 1 | 0 | 22.00 | 22.13 | 22.10 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.06 | 22.16 | 22.18 | |
| 10 | 64QAM | 1 | 49 | 22.14 | 22.31 | 22.25 | |
| 10 | 64QAM | 25 | 0 | 20.91 | 21.02 | 20.96 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.04 | 21.04 | 21.02 | |
| 10 | 64QAM | 25 | 25 | 21.08 | 21.14 | 21.09 | |
| 10 | 64QAM | 50 | 0 | 21.10 | 21.05 | 21.02 | |
| 10 | 256QAM | 1 | 0 | 19.15 | 19.19 | 19.09 | 20.5 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.07 | 19.22 | |
| 10 | 256QAM | 1 | 49 | 19.10 | 19.09 | 19.03 | |
| 10 | 256QAM | 25 | 0 | 19.02 | 19.05 | 18.98 | 20.5 |
| 10 | 256QAM | 25 | 12 | 19.21 | 19.07 | 19.09 | |
| 10 | 256QAM | 25 | 25 | 19.16 | 19.08 | 19.08 | |
| 10 | 256QAM | 50 | 0 | 19.18 | 19.04 | 18.99 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 23.84 | 23.93 | 23.98 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.93 | 23.93 | 23.88 | |
| 5 | QPSK | 1 | 24 | 23.89 | 24.02 | 23.95 | |
| 5 | QPSK | 12 | 0 | 22.96 | 22.93 | 22.99 | 24.5 |
| 5 | QPSK | 12 | 7 | 23.09 | 23.02 | 22.96 | |
| 5 | QPSK | 12 | 13 | 23.11 | 23.14 | 23.13 | |
| 5 | QPSK | 25 | 0 | 23.04 | 22.98 | 23.01 | |
| 5 | 16QAM | 1 | 0 | 23.17 | 23.28 | 23.19 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.25 | 23.33 | 23.30 | |
| 5 | 16QAM | 1 | 24 | 23.32 | 23.34 | 23.34 | |
| 5 | 16QAM | 12 | 0 | 21.94 | 21.98 | 21.98 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.03 | 22.02 | 22.05 | |
| 5 | 16QAM | 12 | 13 | 22.10 | 22.15 | 22.14 | |
| 5 | 16QAM | 25 | 0 | 22.00 | 22.07 | 21.95 | |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.10 | 22.09 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.21 | 22.15 | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.31 | 22.19 | |
| 5 | 64QAM | 12 | 0 | 20.91 | 20.99 | 20.99 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.07 | 21.02 | 21.03 | |
| 5 | 64QAM | 12 | 13 | 21.06 | 21.17 | 21.06 | |
| 5 | 64QAM | 25 | 0 | 21.04 | 21.02 | 21.07 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.25 | 19.11 | 20.5 |
| 5 | 256QAM | 1 | 12 | 19.26 | 19.08 | 19.15 | |
| 5 | 256QAM | 1 | 24 | 19.08 | 19.10 | 19.03 | |
| 5 | 256QAM | 12 | 0 | 19.08 | 19.06 | 19.06 | 20.5 |
| 5 | 256QAM | 12 | 7 | 19.22 | 19.13 | 19.00 | |
| 5 | 256QAM | 12 | 13 | 19.12 | 19.07 | 19.13 | |
| 5 | 256QAM | 25 | 0 | 19.22 | 19.07 | 19.02 | |

## Band 12_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.48 | 24.39 | 24.39 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.39 | 24.42 | 24.40 | |
| 10 | QPSK | 1 | 49 | 24.50 | 24.43 | 24.46 | |
| 10 | QPSK | 25 | 0 | 23.53 | 23.54 | 23.53 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.60 | 23.53 | 23.53 | |
| 10 | QPSK | 25 | 25 | 23.58 | 23.59 | 23.60 | |
| 10 | QPSK | 50 | 0 | 23.61 | 23.53 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.82 | 23.76 | 23.78 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.81 | 23.82 | 23.80 | |
| 10 | 16QAM | 1 | 49 | 23.87 | 23.85 | 23.78 | |
| 10 | 16QAM | 25 | 0 | 22.54 | 22.55 | 22.53 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.61 | 22.55 | 22.51 | |
| 10 | 16QAM | 25 | 25 | 22.59 | 22.60 | 22.57 | |
| 10 | 16QAM | 50 | 0 | 22.60 | 22.55 | 22.52 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.64 | 22.67 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.71 | 22.76 | 22.74 | |
| 10 | 64QAM | 1 | 49 | 22.73 | 22.54 | 22.39 | |
| 10 | 64QAM | 25 | 0 | 21.27 | 21.36 | 21.58 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.49 | 21.55 | 21.56 | |
| 10 | 64QAM | 25 | 25 | 21.53 | 21.60 | 21.61 | |
| 10 | 64QAM | 50 | 0 | 21.41 | 21.55 | 21.59 | |
| 10 | 256QAM | 1 | 0 | 19.47 | 19.66 | 19.47 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.53 | 19.73 | 19.49 | |
| 10 | 256QAM | 1 | 49 | 19.64 | 19.55 | 19.57 | |
| 10 | 256QAM | 25 | 0 | 19.44 | 19.46 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.45 | 19.40 | 19.46 | |
| 10 | 256QAM | 25 | 25 | 19.39 | 19.41 | 19.43 | |
| 10 | 256QAM | 50 | 0 | 19.51 | 19.43 | 19.41 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.47 | 24.39 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.49 | 24.48 | 24.49 | |
| 5 | QPSK | 1 | 24 | 24.47 | 24.49 | 24.46 | |
| 5 | QPSK | 12 | 0 | 23.62 | 23.54 | 23.55 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.55 | 23.59 | 23.50 | |
| 5 | QPSK | 12 | 13 | 23.55 | 23.54 | 23.51 | |
| 5 | QPSK | 25 | 0 | 23.58 | 23.52 | 23.52 | |
| 5 | 16QAM | 1 | 0 | 23.83 | 23.83 | 23.73 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.80 | 23.79 | 23.75 | |
| 5 | 16QAM | 1 | 24 | 23.82 | 23.80 | 23.76 | |
| 5 | 16QAM | 12 | 0 | 22.65 | 22.62 | 22.59 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.58 | 22.64 | 22.54 | |
| 5 | 16QAM | 12 | 13 | 22.60 | 22.59 | 22.54 | |
| 5 | 16QAM | 25 | 0 | 22.59 | 22.53 | 22.53 | |
| 5 | 64QAM | 1 | 0 | 22.24 | 22.37 | 22.66 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.49 | 22.74 | 22.69 | |
| 5 | 64QAM | 1 | 24 | 22.23 | 22.73 | 22.49 | |
| 5 | 64QAM | 12 | 0 | 21.35 | 21.64 | 21.69 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.45 | 21.67 | 21.61 | |
| 5 | 64QAM | 12 | 13 | 21.35 | 21.60 | 21.42 | |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.57 | 21.50 | |
| 5 | 256QAM | 1 | 0 | 19.38 | 19.56 | 19.45 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.50 | 19.64 | 19.39 | |
| 5 | 256QAM | 1 | 24 | 19.58 | 19.47 | 19.54 | |
| 5 | 256QAM | 12 | 0 | 19.43 | 19.36 | 19.32 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.36 | 19.32 | 19.45 | |
| 5 | 256QAM | 12 | 13 | 19.38 | 19.38 | 19.34 | |
| 5 | 256QAM | 25 | 0 | 19.47 | 19.33 | 19.33 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 24.46 | 24.37 | 24.33 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.34 | 24.42 | 24.36 | |
| 3 | QPSK | 1 | 14 | 24.43 | 24.33 | 24.36 | |
| 3 | QPSK | 8 | 0 | 23.43 | 23.54 | 23.48 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.52 | 23.49 | 23.51 | |
| 3 | QPSK | 8 | 7 | 23.49 | 23.58 | 23.51 | |
| 3 | QPSK | 15 | 0 | 23.58 | 23.51 | 23.45 | |
| 3 | 16QAM | 1 | 0 | 23.75 | 23.66 | 23.70 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.76 | 23.75 | 23.72 | |
| 3 | 16QAM | 1 | 14 | 23.65 | 23.83 | 23.69 | |
| 3 | 16QAM | 8 | 0 | 22.52 | 22.51 | 22.49 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.60 | 22.45 | 22.42 | |
| 3 | 16QAM | 8 | 7 | 22.50 | 22.50 | 22.54 | |
| 3 | 16QAM | 15 | 0 | 22.57 | 22.50 | 22.45 | |
| 3 | 64QAM | 1 | 0 | 22.47 | 22.55 | 22.67 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.66 | 22.72 | 22.74 | |
| 3 | 64QAM | 1 | 14 | 22.66 | 22.48 | 22.33 | |
| 3 | 64QAM | 8 | 0 | 21.17 | 21.31 | 21.50 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.40 | 21.52 | 21.55 | |
| 3 | 64QAM | 8 | 7 | 21.47 | 21.53 | 21.53 | |
| 3 | 64QAM | 15 | 0 | 21.31 | 21.49 | 21.50 | |
| 3 | 256QAM | 1 | 0 | 19.44 | 19.57 | 19.41 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.49 | 19.68 | 19.48 | |
| 3 | 256QAM | 1 | 14 | 19.58 | 19.54 | 19.49 | |
| 3 | 256QAM | 8 | 0 | 19.43 | 19.38 | 19.30 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.43 | 19.39 | 19.43 | |
| 3 | 256QAM | 8 | 7 | 19.37 | 19.41 | 19.42 | |
| 3 | 256QAM | 15 | 0 | 19.43 | 19.37 | 19.39 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 24.44 | 24.33 | 24.36 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.44 | 24.42 | 24.38 | |
| 1.4 | QPSK | 1 | 5 | 24.37 | 24.38 | 24.29 | |
| 1.4 | QPSK | 3 | 0 | 24.45 | 24.38 | 24.37 | |
| 1.4 | QPSK | 3 | 1 | 24.49 | 24.42 | 24.40 | |
| 1.4 | QPSK | 3 | 3 | 24.43 | 24.43 | 24.37 | |
| 1.4 | QPSK | 6 | 0 | 23.50 | 23.47 | 23.43 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.76 | 23.67 | 23.71 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.78 | 23.80 | 23.77 | |
| 1.4 | 16QAM | 1 | 5 | 23.70 | 23.69 | 23.63 | |
| 1.4 | 16QAM | 3 | 0 | 23.53 | 23.47 | 23.47 | |
| 1.4 | 16QAM | 3 | 1 | 23.58 | 23.51 | 23.50 | |
| 1.4 | 16QAM | 3 | 3 | 23.51 | 23.50 | 23.43 | |
| 1.4 | 16QAM | 6 | 0 | 22.57 | 22.56 | 22.49 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.34 | 22.61 | 22.37 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.45 | 22.72 | 22.34 | |
| 1.4 | 64QAM | 1 | 5 | 22.47 | 22.63 | 22.20 | |
| 1.4 | 64QAM | 3 | 0 | 22.26 | 22.56 | 22.39 | |
| 1.4 | 64QAM | 3 | 1 | 22.26 | 22.61 | 22.37 | |
| 1.4 | 64QAM | 3 | 3 | 22.37 | 22.61 | 22.26 | |
| 1.4 | 64QAM | 6 | 0 | 21.23 | 21.50 | 21.23 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.38 | 19.58 | 19.39 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.45 | 19.71 | 19.41 | |
| 1.4 | 256QAM | 1 | 5 | 19.61 | 19.54 | 19.53 | |
| 1.4 | 256QAM | 3 | 0 | 19.43 | 19.43 | 19.36 | |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.40 | 19.37 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.31 | 19.38 | |
| 1.4 | 256QAM | 6 | 0 | 19.49 | 19.37 | 19.39 | 20.7 |

| Band 13_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23230 | | |
| Frequency (MHz) | | | | | 782 | | |
| 10 | QPSK | 1 | 0 | | 23.53 | | 25 |
| 10 | QPSK | 1 | 25 | | 23.51 | | |
| 10 | QPSK | 1 | 49 | | 23.57 | | |
| 10 | QPSK | 25 | 0 | | 22.60 | | 24 |
| 10 | QPSK | 25 | 12 | | 22.61 | | |
| 10 | QPSK | 25 | 25 | | 22.65 | | |
| 10 | QPSK | 50 | 0 | | 22.61 | | |
| 10 | 16QAM | 1 | 0 | | 22.82 | | 24 |
| 10 | 16QAM | 1 | 25 | | 22.86 | | |
| 10 | 16QAM | 1 | 49 | | 22.88 | | |
| 10 | 16QAM | 25 | 0 | | 21.61 | | 23 |
| 10 | 16QAM | 25 | 12 | | 21.66 | | |
| 10 | 16QAM | 25 | 25 | | 21.69 | | |
| 10 | 16QAM | 50 | 0 | | 21.64 | | |
| 10 | 64QAM | 1 | 0 | | 21.69 | | 23 |
| 10 | 64QAM | 1 | 25 | | 21.81 | | |
| 10 | 64QAM | 1 | 49 | | 21.78 | | |
| 10 | 64QAM | 25 | 0 | | 20.65 | | 22 |
| 10 | 64QAM | 25 | 12 | | 20.69 | | |
| 10 | 64QAM | 25 | 25 | | 20.71 | | |
| 10 | 64QAM | 50 | 0 | | 20.68 | | |
| 10 | 256QAM | 1 | 0 | | 18.25 | | 20 |
| 10 | 256QAM | 1 | 25 | | 18.50 | | |
| 10 | 256QAM | 1 | 49 | | 18.70 | | |
| 10 | 256QAM | 25 | 0 | | 18.41 | | 20 |
| 10 | 256QAM | 25 | 12 | | 18.46 | | |
| 10 | 256QAM | 25 | 25 | | 18.59 | | |
| 10 | 256QAM | 50 | 0 | | 18.44 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 23.45 | 23.48 | 23.22 | 25 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.54 | 23.24 | |
| 5 | QPSK | 1 | 24 | 23.55 | 23.58 | 23.31 | |
| 5 | QPSK | 12 | 0 | 22.58 | 22.59 | 22.32 | 24 |
| 5 | QPSK | 12 | 7 | 22.62 | 22.63 | 22.40 | |
| 5 | QPSK | 12 | 13 | 22.65 | 22.67 | 22.36 | |
| 5 | QPSK | 25 | 0 | 22.65 | 22.63 | 22.37 | |
| 5 | 16QAM | 1 | 0 | 22.84 | 22.76 | 22.50 | 24 |
| 5 | 16QAM | 1 | 12 | 22.75 | 22.82 | 22.49 | |
| 5 | 16QAM | 1 | 24 | 22.84 | 22.85 | 22.51 | |
| 5 | 16QAM | 12 | 0 | 21.62 | 21.64 | 21.39 | 23 |
| 5 | 16QAM | 12 | 7 | 21.66 | 21.64 | 21.43 | |
| 5 | 16QAM | 12 | 13 | 21.68 | 21.71 | 21.42 | |
| 5 | 16QAM | 25 | 0 | 21.70 | 21.63 | 21.41 | |
| 5 | 64QAM | 1 | 0 | 21.73 | 21.68 | 21.42 | 23 |
| 5 | 64QAM | 1 | 12 | 21.69 | 21.81 | 21.49 | |
| 5 | 64QAM | 1 | 24 | 21.77 | 21.81 | 21.48 | |
| 5 | 64QAM | 12 | 0 | 20.66 | 20.70 | 20.43 | 22 |
| 5 | 64QAM | 12 | 7 | 20.72 | 20.67 | 20.45 | |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.75 | 20.43 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.66 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 18.16 | 18.24 | 18.22 | 20 |
| 5 | 256QAM | 1 | 12 | 18.43 | 18.45 | 18.47 | |
| 5 | 256QAM | 1 | 24 | 18.63 | 18.67 | 18.60 | |
| 5 | 256QAM | 12 | 0 | 18.37 | 18.35 | 18.38 | 20 |
| 5 | 256QAM | 12 | 7 | 18.46 | 18.36 | 18.40 | |
| 5 | 256QAM | 12 | 13 | 18.58 | 18.55 | 18.54 | |
| 5 | 256QAM | 25 | 0 | 18.37 | 18.34 | 18.41 | |

| Band 14_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23330 | | |
| Frequency (MHz) | | | | | 793 | | |
| 10 | QPSK | 1 | 0 | | 23.66 | | 25 |
| 10 | QPSK | 1 | 25 | | 23.60 | | |
| 10 | QPSK | 1 | 49 | | 23.58 | | |
| 10 | QPSK | 25 | 0 | | 22.63 | | 24 |
| 10 | QPSK | 25 | 12 | | 22.65 | | |
| 10 | QPSK | 25 | 25 | | 22.74 | | |
| 10 | QPSK | 50 | 0 | | 22.67 | | |
| 10 | 16QAM | 1 | 0 | | 23.02 | | 24 |
| 10 | 16QAM | 1 | 25 | | 22.99 | | |
| 10 | 16QAM | 1 | 49 | | 22.97 | | |
| 10 | 16QAM | 25 | 0 | | 21.65 | | 23 |
| 10 | 16QAM | 25 | 12 | | 21.68 | | |
| 10 | 16QAM | 25 | 25 | | 21.73 | | |
| 10 | 16QAM | 50 | 0 | | 21.66 | | |
| 10 | 64QAM | 1 | 0 | | 21.92 | | 23 |
| 10 | 64QAM | 1 | 25 | | 21.95 | | |
| 10 | 64QAM | 1 | 49 | | 21.90 | | |
| 10 | 64QAM | 25 | 0 | | 20.67 | | 22 |
| 10 | 64QAM | 25 | 12 | | 20.69 | | |
| 10 | 64QAM | 25 | 25 | | 20.76 | | |
| 10 | 64QAM | 50 | 0 | | 20.67 | | |
| 10 | 256QAM | 1 | 0 | | 18.45 | | 20 |
| 10 | 256QAM | 1 | 25 | | 18.58 | | |
| 10 | 256QAM | 1 | 49 | | 18.74 | | |
| 10 | 256QAM | 25 | 0 | | 18.50 | | 20 |
| 10 | 256QAM | 25 | 12 | | 18.44 | | |
| 10 | 256QAM | 25 | 25 | | 18.47 | | |
| 10 | 256QAM | 50 | 0 | | 18.50 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 23.58 | 23.55 | 23.58 | 25 |
| 5 | QPSK | 1 | 12 | 23.63 | 23.65 | 23.64 | |
| 5 | QPSK | 1 | 24 | 23.65 | 23.64 | 23.56 | |
| 5 | QPSK | 12 | 0 | 22.71 | 22.65 | 22.64 | 24 |
| 5 | QPSK | 12 | 7 | 22.70 | 22.73 | 22.70 | |
| 5 | QPSK | 12 | 13 | 22.71 | 22.73 | 22.68 | |
| 5 | QPSK | 25 | 0 | 22.69 | 22.66 | 22.63 | |
| 5 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.87 | 24 |
| 5 | 16QAM | 1 | 12 | 23.00 | 23.02 | 22.98 | |
| 5 | 16QAM | 1 | 24 | 22.96 | 23.00 | 22.90 | |
| 5 | 16QAM | 12 | 0 | 21.73 | 21.68 | 21.64 | 23 |
| 5 | 16QAM | 12 | 7 | 21.77 | 21.77 | 21.78 | |
| 5 | 16QAM | 12 | 13 | 21.73 | 21.72 | 21.68 | |
| 5 | 16QAM | 25 | 0 | 21.71 | 21.68 | 21.64 | |
| 5 | 64QAM | 1 | 0 | 21.87 | 21.89 | 21.85 | 23 |
| 5 | 64QAM | 1 | 12 | 21.93 | 22.00 | 21.94 | |
| 5 | 64QAM | 1 | 24 | 21.90 | 21.95 | 21.92 | |
| 5 | 64QAM | 12 | 0 | 20.80 | 20.71 | 20.69 | 22 |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.83 | 20.76 | |
| 5 | 64QAM | 12 | 13 | 20.75 | 20.76 | 20.69 | |
| 5 | 64QAM | 25 | 0 | 20.72 | 20.67 | 20.66 | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.37 | 18.42 | 20 |
| 5 | 256QAM | 1 | 12 | 18.55 | 18.48 | 18.55 | |
| 5 | 256QAM | 1 | 24 | 18.74 | 18.72 | 18.65 | |
| 5 | 256QAM | 12 | 0 | 18.50 | 18.42 | 18.48 | 20 |
| 5 | 256QAM | 12 | 7 | 18.38 | 18.34 | 18.35 | |
| 5 | 256QAM | 12 | 13 | 18.42 | 18.46 | 18.39 | |
| 5 | 256QAM | 25 | 0 | 18.40 | 18.47 | 18.44 | |

| Band 17_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 23.35 | 23.31 | 23.32 | 25 |
| 10 | QPSK | 1 | 25 | 23.38 | 23.37 | 23.37 | |
| 10 | QPSK | 1 | 49 | 23.37 | 23.45 | 23.38 | |
| 10 | QPSK | 25 | 0 | 22.38 | 22.39 | 22.41 | 24 |
| 10 | QPSK | 25 | 12 | 22.52 | 22.50 | 22.48 | |
| 10 | QPSK | 25 | 25 | 22.56 | 22.57 | 22.55 | |
| 10 | QPSK | 50 | 0 | 22.47 | 22.48 | 22.45 | |
| 10 | 16QAM | 1 | 0 | 22.70 | 22.68 | 22.69 | 24 |
| 10 | 16QAM | 1 | 25 | 22.75 | 22.78 | 22.74 | |
| 10 | 16QAM | 1 | 49 | 22.76 | 22.80 | 22.77 | |
| 10 | 16QAM | 25 | 0 | 21.41 | 21.41 | 21.41 | 23 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.48 | 21.47 | |
| 10 | 16QAM | 25 | 25 | 21.57 | 21.54 | 21.51 | |
| 10 | 16QAM | 50 | 0 | 21.44 | 21.46 | 21.42 | |
| 10 | 64QAM | 1 | 0 | 21.55 | 21.54 | 21.50 | 23 |
| 10 | 64QAM | 1 | 25 | 21.67 | 21.69 | 21.66 | |
| 10 | 64QAM | 1 | 49 | 21.53 | 21.60 | 21.48 | |
| 10 | 64QAM | 25 | 0 | 20.42 | 20.43 | 20.44 | 22 |
| 10 | 64QAM | 25 | 12 | 20.59 | 20.51 | 20.51 | |
| 10 | 64QAM | 25 | 25 | 20.59 | 20.58 | 20.56 | |
| 10 | 64QAM | 50 | 0 | 20.49 | 20.47 | 20.48 | |
| 10 | 256QAM | 1 | 0 | 18.34 | 18.39 | 18.22 | 20 |
| 10 | 256QAM | 1 | 25 | 18.43 | 18.45 | 18.47 | |
| 10 | 256QAM | 1 | 49 | 18.54 | 18.47 | 18.38 | |
| 10 | 256QAM | 25 | 0 | 18.31 | 18.27 | 18.39 | 20 |
| 10 | 256QAM | 25 | 12 | 18.30 | 18.40 | 18.34 | |
| 10 | 256QAM | 25 | 25 | 18.40 | 18.37 | 18.39 | |
| 10 | 256QAM | 50 | 0 | 18.27 | 18.40 | 18.31 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 23.33 | 23.28 | 23.27 | 25 |
| 5 | QPSK | 1 | 12 | 23.42 | 23.42 | 23.39 | |
| 5 | QPSK | 1 | 24 | 23.43 | 23.44 | 23.40 | |
| 5 | QPSK | 12 | 0 | 22.44 | 22.46 | 22.41 | 24 |
| 5 | QPSK | 12 | 7 | 22.51 | 22.48 | 22.43 | |
| 5 | QPSK | 12 | 13 | 22.53 | 22.52 | 22.45 | |
| 5 | QPSK | 25 | 0 | 22.49 | 22.47 | 22.42 | |
| 5 | 16QAM | 1 | 0 | 22.65 | 22.67 | 22.66 | 24 |
| 5 | 16QAM | 1 | 12 | 22.74 | 22.78 | 22.70 | |
| 5 | 16QAM | 1 | 24 | 22.78 | 22.79 | 22.75 | |
| 5 | 16QAM | 12 | 0 | 21.46 | 21.47 | 21.46 | 23 |
| 5 | 16QAM | 12 | 7 | 21.53 | 21.52 | 21.45 | |
| 5 | 16QAM | 12 | 13 | 21.54 | 21.53 | 21.47 | |
| 5 | 16QAM | 25 | 0 | 21.51 | 21.48 | 21.44 | |
| 5 | 64QAM | 1 | 0 | 21.57 | 21.66 | 21.63 | 23 |
| 5 | 64QAM | 1 | 12 | 21.66 | 21.70 | 21.64 | |
| 5 | 64QAM | 1 | 24 | 21.79 | 21.76 | 21.67 | |
| 5 | 64QAM | 12 | 0 | 20.50 | 20.49 | 20.47 | 22 |
| 5 | 64QAM | 12 | 7 | 20.57 | 20.55 | 20.51 | |
| 5 | 64QAM | 12 | 13 | 20.57 | 20.58 | 20.52 | |
| 5 | 64QAM | 25 | 0 | 20.51 | 20.49 | 20.47 | |
| 5 | 256QAM | 1 | 0 | 18.25 | 18.31 | 18.18 | 20 |
| 5 | 256QAM | 1 | 12 | 18.40 | 18.45 | 18.42 | |
| 5 | 256QAM | 1 | 24 | 18.52 | 18.39 | 18.37 | |
| 5 | 256QAM | 12 | 0 | 18.26 | 18.25 | 18.25 | 20 |
| 5 | 256QAM | 12 | 7 | 18.25 | 18.33 | 18.30 | |
| 5 | 256QAM | 12 | 13 | 18.36 | 18.27 | 18.37 | |
| 5 | 256QAM | 25 | 0 | 18.20 | 18.30 | 18.31 | |

## Band 25_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 23.59 | 23.59 | 23.63 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.61 | 23.61 | 23.68 | |
| 20 | QPSK | 1 | 99 | 23.54 | 23.60 | 23.61 | |
| 20 | QPSK | 50 | 0 | 22.70 | 22.71 | 22.75 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.75 | 22.80 | 22.81 | |
| 20 | QPSK | 50 | 50 | 22.68 | 22.74 | 22.79 | |
| 20 | QPSK | 100 | 0 | 22.75 | 22.74 | 22.78 | |
| 20 | 16QAM | 1 | 0 | 22.96 | 22.99 | 23.00 | 24.5 |
| 20 | 16QAM | 1 | 49 | 22.92 | 22.95 | 23.00 | |
| 20 | 16QAM | 1 | 99 | 22.86 | 22.98 | 22.95 | |
| 20 | 16QAM | 50 | 0 | 21.69 | 21.73 | 21.77 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.74 | 21.80 | 21.78 | |
| 20 | 16QAM | 50 | 50 | 21.72 | 21.74 | 21.82 | |
| 20 | 16QAM | 100 | 0 | 21.74 | 21.76 | 21.74 | |
| 20 | 64QAM | 1 | 0 | 21.87 | 21.90 | 21.88 | 23.5 |
| 20 | 64QAM | 1 | 49 | 21.83 | 21.82 | 21.61 | |
| 20 | 64QAM | 1 | 99 | 21.82 | 21.88 | 21.57 | |
| 20 | 64QAM | 50 | 0 | 20.72 | 20.76 | 20.59 | 22.5 |
| 20 | 64QAM | 50 | 24 | 20.78 | 20.83 | 20.80 | |
| 20 | 64QAM | 50 | 50 | 20.71 | 20.77 | 20.84 | |
| 20 | 64QAM | 100 | 0 | 20.76 | 20.79 | 20.34 | |
| 20 | 256QAM | 1 | 0 | 18.99 | 18.87 | 18.98 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.79 | 18.97 | 19.06 | |
| 20 | 256QAM | 1 | 99 | 18.90 | 19.02 | 18.99 | |
| 20 | 256QAM | 50 | 0 | 18.75 | 18.80 | 18.85 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.81 | 18.89 | 18.89 | |
| 20 | 256QAM | 50 | 50 | 18.75 | 18.87 | 18.90 | |
| 20 | 256QAM | 100 | 0 | 18.86 | 18.86 | 18.97 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 23.52 | 23.52 | 23.53 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.58 | 23.51 | 23.67 | |
| 15 | QPSK | 1 | 74 | 23.53 | 23.62 | 23.56 | |
| 15 | QPSK | 36 | 0 | 22.67 | 22.68 | 22.68 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.72 | 22.79 | 22.76 | |
| 15 | QPSK | 36 | 39 | 22.61 | 22.65 | 22.81 | |
| 15 | QPSK | 75 | 0 | 22.71 | 22.72 | 22.71 | |
| 15 | 16QAM | 1 | 0 | 22.91 | 22.99 | 22.93 | 24.5 |
| 15 | 16QAM | 1 | 37 | 22.87 | 22.92 | 22.96 | |
| 15 | 16QAM | 1 | 74 | 22.80 | 22.93 | 22.88 | |
| 15 | 16QAM | 36 | 0 | 21.67 | 21.69 | 21.74 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.73 | 21.80 | 21.69 | |
| 15 | 16QAM | 36 | 39 | 21.71 | 21.65 | 21.80 | |
| 15 | 16QAM | 75 | 0 | 21.68 | 21.71 | 21.69 | |
| 15 | 64QAM | 1 | 0 | 21.87 | 21.86 | 21.82 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.78 | 21.81 | 21.57 | |
| 15 | 64QAM | 1 | 74 | 21.74 | 21.78 | 21.58 | |
| 15 | 64QAM | 36 | 0 | 20.65 | 20.68 | 20.59 | 22.5 |
| 15 | 64QAM | 36 | 20 | 20.71 | 20.77 | 20.71 | |
| 15 | 64QAM | 36 | 39 | 20.65 | 20.67 | 20.76 | |
| 15 | 64QAM | 75 | 0 | 20.66 | 20.76 | 20.53 | |
| 15 | 256QAM | 1 | 0 | 18.96 | 18.86 | 18.94 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.73 | 18.96 | 19.00 | |
| 15 | 256QAM | 1 | 74 | 18.85 | 18.96 | 18.96 | |
| 15 | 256QAM | 36 | 0 | 18.72 | 18.74 | 18.64 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.75 | 18.79 | 18.84 | |
| 15 | 256QAM | 36 | 39 | 18.70 | 18.82 | 18.88 | |
| 15 | 256QAM | 75 | 0 | 18.86 | 18.86 | 18.90 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 23.57 | 23.51 | 23.60 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.56 | 23.59 | 23.66 | |
| 10 | QPSK | 1 | 49 | 23.51 | 23.58 | 23.56 | |
| 10 | QPSK | 25 | 0 | 22.70 | 22.68 | 22.72 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.73 | 22.72 | 22.72 | |
| 10 | QPSK | 25 | 25 | 22.65 | 22.69 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.68 | 22.73 | 22.73 | |
| 10 | 16QAM | 1 | 0 | 22.91 | 22.90 | 22.95 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.84 | 22.87 | 22.90 | |
| 10 | 16QAM | 1 | 49 | 22.82 | 22.91 | 22.85 | |
| 10 | 16QAM | 25 | 0 | 21.65 | 21.70 | 21.69 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.72 | 21.71 | 21.78 | |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.70 | 21.73 | |
| 10 | 16QAM | 50 | 0 | 21.65 | 21.69 | 21.71 | |
| 10 | 64QAM | 1 | 0 | 21.86 | 21.86 | 21.82 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.74 | 21.80 | 21.57 | |
| 10 | 64QAM | 1 | 49 | 21.75 | 21.83 | 21.52 | |
| 10 | 64QAM | 25 | 0 | 20.66 | 20.76 | 20.55 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.76 | 20.83 | 20.80 | |
| 10 | 64QAM | 25 | 25 | 20.65 | 20.76 | 20.75 | |
| 10 | 64QAM | 50 | 0 | 20.71 | 20.77 | 20.29 | |
| 10 | 256QAM | 1 | 0 | 18.97 | 18.86 | 18.98 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.69 | 18.97 | 19.05 | |
| 10 | 256QAM | 1 | 49 | 18.87 | 19.01 | 18.96 | |
| 10 | 256QAM | 25 | 0 | 18.75 | 18.74 | 18.64 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.73 | 18.84 | 18.89 | |
| 10 | 256QAM | 25 | 25 | 18.67 | 18.78 | 18.85 | |
| 10 | 256QAM | 50 | 0 | 18.77 | 18.83 | 18.93 | |
| Channel | | | | 26065 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 23.53 | 23.51 | 23.58 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.52 | 23.54 | 23.59 | |
| 5 | QPSK | 1 | 24 | 23.52 | 23.58 | 23.52 | |
| 5 | QPSK | 12 | 0 | 22.61 | 22.65 | 22.72 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.67 | 22.78 | 22.69 | |
| 5 | QPSK | 12 | 13 | 22.64 | 22.71 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.72 | 22.65 | 22.72 | |
| 5 | 16QAM | 1 | 0 | 22.95 | 22.89 | 22.95 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.87 | 22.87 | 22.97 | |
| 5 | 16QAM | 1 | 24 | 22.86 | 22.92 | 22.86 | |
| 5 | 16QAM | 12 | 0 | 21.68 | 21.65 | 21.73 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.65 | 21.70 | 21.76 | |
| 5 | 16QAM | 12 | 13 | 21.68 | 21.74 | 21.78 | |
| 5 | 16QAM | 25 | 0 | 21.74 | 21.74 | 21.67 | |
| 5 | 64QAM | 1 | 0 | 21.84 | 21.87 | 21.79 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.82 | 21.80 | 21.59 | |
| 5 | 64QAM | 1 | 24 | 21.77 | 21.84 | 21.56 | |
| 5 | 64QAM | 12 | 0 | 20.69 | 20.74 | 20.59 | 22.5 |
| 5 | 64QAM | 12 | 7 | 20.73 | 20.82 | 20.77 | |
| 5 | 64QAM | 12 | 13 | 20.61 | 20.76 | 20.81 | |
| 5 | 64QAM | 25 | 0 | 20.72 | 20.79 | 20.29 | |
| 5 | 256QAM | 1 | 0 | 18.98 | 18.86 | 18.90 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.89 | 18.98 | |
| 5 | 256QAM | 1 | 24 | 18.87 | 18.99 | 18.92 | |
| 5 | 256QAM | 12 | 0 | 18.71 | 18.72 | 18.62 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.74 | 18.83 | 18.80 | |
| 5 | 256QAM | 12 | 13 | 18.68 | 18.79 | 18.85 | |
| 5 | 256QAM | 25 | 0 | 18.81 | 18.77 | 18.87 | |
| Channel | | | | 26055 | 26340 | 26625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 23.59 | 23.56 | 23.59 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.56 | 23.52 | 23.62 | |
| 3 | QPSK | 1 | 14 | 23.59 | 23.53 | 23.58 | |
| 3 | QPSK | 8 | 0 | 22.83 | 22.87 | 22.72 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.72 | 22.79 | 22.75 | |
| 3 | QPSK | 8 | 7 | 22.58 | 22.69 | 22.79 | |
| 3 | QPSK | 15 | 0 | 22.65 | 22.65 | 22.73 | |
| 3 | 16QAM | 1 | 0 | 22.87 | 22.96 | 22.92 | 24.5 |
| 3 | 16QAM | 1 | 8 | 22.88 | 22.94 | 23.00 | |
| 3 | 16QAM | 1 | 14 | 22.83 | 22.94 | 22.91 | |
| 3 | 16QAM | 8 | 0 | 21.68 | 21.67 | 21.74 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.73 | 21.77 | 21.79 | |
| 3 | 16QAM | 8 | 7 | 21.71 | 21.66 | 21.76 | |
| 3 | 16QAM | 15 | 0 | 21.73 | 21.75 | 21.72 | |
| 3 | 64QAM | 1 | 0 | 21.87 | 21.90 | 21.87 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.79 | 21.78 | 21.55 | |
| 3 | 64QAM | 1 | 14 | 21.80 | 21.81 | 21.52 | |
| 3 | 64QAM | 8 | 0 | 20.66 | 20.66 | 20.57 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.78 | 20.75 | 20.74 | |
| 3 | 64QAM | 8 | 7 | 20.67 | 20.68 | 20.74 | |
| 3 | 64QAM | 15 | 0 | 20.66 | 20.77 | 20.24 | |
| 3 | 256QAM | 1 | 0 | 18.95 | 18.86 | 18.86 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.71 | 18.87 | 19.05 | |
| 3 | 256QAM | 1 | 14 | 18.86 | 18.99 | 18.89 | |
| 3 | 256QAM | 8 | 0 | 18.70 | 18.70 | 18.61 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.81 | 18.87 | 18.80 | |
| 3 | 256QAM | 8 | 7 | 18.71 | 18.86 | 18.85 | |
| 3 | 256QAM | 15 | 0 | 18.85 | 18.83 | 18.92 | |
| Channel | | | | 26047 | 26340 | 26633 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 23.57 | 23.55 | 23.59 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.58 | 23.63 | 23.58 | |
| 1.4 | QPSK | 1 | 5 | 23.53 | 23.61 | 23.61 | |
| 1.4 | QPSK | 3 | 0 | 23.54 | 23.55 | 23.62 | |
| 1.4 | QPSK | 3 | 1 | 23.58 | 23.61 | 23.59 | |
| 1.4 | QPSK | 3 | 3 | 23.56 | 23.62 | 23.66 | |
| 1.4 | QPSK | 6 | 0 | 22.62 | 22.69 | 22.76 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.85 | 22.85 | 22.90 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 22.96 | 22.96 | 23.01 | |
| 1.4 | 16QAM | 1 | 5 | 22.90 | 22.92 | 22.95 | |
| 1.4 | 16QAM | 3 | 0 | 22.62 | 22.67 | 22.67 | |
| 1.4 | 16QAM | 3 | 1 | 22.70 | 22.73 | 22.75 | |
| 1.4 | 16QAM | 3 | 3 | 22.87 | 22.72 | 22.70 | |
| 1.4 | 16QAM | 6 | 0 | 21.70 | 21.78 | 21.79 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.75 | 21.75 | 21.51 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.86 | 21.88 | 21.55 | |
| 1.4 | 64QAM | 1 | 5 | 21.73 | 21.81 | 21.50 | |
| 1.4 | 64QAM | 3 | 0 | 21.73 | 21.76 | 21.36 | |
| 1.4 | 64QAM | 3 | 1 | 21.80 | 21.82 | 21.42 | |
| 1.4 | 64QAM | 3 | 3 | 21.76 | 21.81 | 21.22 | |
| 1.4 | 64QAM | 6 | 0 | 20.64 | 20.71 | 20.50 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.90 | 18.92 | 18.94 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.94 | 18.90 | 18.86 | |
| 1.4 | 256QAM | 1 | 5 | 18.89 | 18.89 | 18.94 | |
| 1.4 | 256QAM | 3 | 0 | 18.86 | 18.92 | 18.95 | |
| 1.4 | 256QAM | 3 | 1 | 18.87 | 18.87 | 18.89 | |
| 1.4 | 256QAM | 3 | 3 | 18.86 | 18.95 | 18.90 | |
| 1.4 | 256QAM | 6 | 0 | 18.95 | 18.88 | 18.93 | 20.5 |

## Band 26_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26705 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 23.60 | 23.49 | 23.47 | |
| 15 | QPSK | 1 | 37 | 23.46 | 23.46 | 23.43 | 25 |
| 15 | QPSK | 1 | 74 | 23.51 | 23.48 | 23.33 | |
| 15 | QPSK | 36 | 0 | 22.63 | 22.64 | 22.57 | |
| 15 | QPSK | 36 | 20 | 22.61 | 22.63 | 22.55 | 24 |
| 15 | QPSK | 36 | 39 | 22.62 | 22.62 | 22.54 | |
| 15 | QPSK | 75 | 0 | 22.66 | 22.64 | 22.57 | |
| 15 | 16QAM | 1 | 0 | 22.87 | 22.79 | 22.78 | |
| 15 | 16QAM | 1 | 37 | 22.78 | 22.78 | 22.76 | 24 |
| 15 | 16QAM | 1 | 74 | 22.74 | 22.74 | 22.64 | |
| 15 | 16QAM | 36 | 0 | 21.61 | 21.60 | 21.59 | |
| 15 | 16QAM | 36 | 20 | 21.64 | 21.64 | 21.56 | 23 |
| 15 | 16QAM | 36 | 39 | 21.61 | 21.62 | 21.58 | |
| 15 | 16QAM | 75 | 0 | 21.66 | 21.64 | 21.59 | |
| 15 | 64QAM | 1 | 0 | 21.73 | 21.64 | 21.68 | |
| 15 | 64QAM | 1 | 37 | 21.71 | 21.74 | 21.68 | 23 |
| 15 | 64QAM | 1 | 74 | 21.73 | 21.68 | 21.06 | |
| 15 | 64QAM | 36 | 0 | 20.30 | 20.63 | 20.65 | |
| 15 | 64QAM | 36 | 20 | 20.52 | 20.69 | 20.60 | 22 |
| 15 | 64QAM | 36 | 39 | 20.65 | 20.68 | 20.48 | |
| 15 | 64QAM | 75 | 0 | 20.67 | 20.66 | 20.58 | |
| 15 | 256QAM | 1 | 0 | 18.64 | 18.53 | 18.58 | |
| 15 | 256QAM | 1 | 37 | 18.59 | 18.53 | 18.50 | 20 |
| 15 | 256QAM | 1 | 74 | 18.50 | 18.57 | 18.40 | |
| 15 | 256QAM | 36 | 0 | 18.48 | 18.50 | 18.59 | |
| 15 | 256QAM | 36 | 20 | 18.48 | 18.47 | 18.36 | 20 |
| 15 | 256QAM | 36 | 39 | 18.37 | 18.41 | 18.42 | |
| 15 | 256QAM | 75 | 0 | 18.46 | 18.51 | 18.39 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.54 | 23.39 | 23.45 | |
| 10 | QPSK | 1 | 25 | 23.38 | 23.40 | 23.42 | 25 |
| 10 | QPSK | 1 | 49 | 23.42 | 23.49 | 23.23 | |
| 10 | QPSK | 25 | 0 | 22.59 | 22.55 | 22.55 | |
| 10 | QPSK | 25 | 12 | 22.63 | 22.60 | 22.50 | 24 |
| 10 | QPSK | 25 | 25 | 22.62 | 22.57 | 22.49 | |
| 10 | QPSK | 50 | 0 | 22.64 | 22.64 | 22.53 | |
| 10 | 16QAM | 1 | 0 | 22.82 | 22.75 | 22.73 | |
| 10 | 16QAM | 1 | 25 | 22.76 | 22.73 | 22.73 | 24 |
| 10 | 16QAM | 1 | 49 | 22.73 | 22.71 | 22.62 | |
| 10 | 16QAM | 25 | 0 | 21.57 | 21.59 | 21.57 | |
| 10 | 16QAM | 25 | 12 | 21.57 | 21.56 | 21.53 | 23 |
| 10 | 16QAM | 25 | 25 | 21.57 | 21.52 | 21.54 | |
| 10 | 16QAM | 50 | 0 | 21.66 | 21.63 | 21.50 | |
| 10 | 64QAM | 1 | 0 | 21.73 | 21.62 | 21.68 | |
| 10 | 64QAM | 1 | 25 | 21.66 | 21.74 | 21.59 | 23 |
| 10 | 64QAM | 1 | 49 | 21.71 | 21.60 | 21.06 | |
| 10 | 64QAM | 25 | 0 | 20.22 | 20.60 | 20.61 | |
| 10 | 64QAM | 25 | 12 | 20.44 | 20.67 | 20.57 | 22 |
| 10 | 64QAM | 25 | 25 | 20.57 | 20.62 | 20.42 | |
| 10 | 64QAM | 50 | 0 | 20.62 | 20.59 | 20.51 | |
| 10 | 256QAM | 1 | 0 | 18.61 | 18.49 | 18.55 | |
| 10 | 256QAM | 1 | 25 | 18.49 | 18.47 | 18.47 | 20 |
| 10 | 256QAM | 1 | 49 | 18.48 | 18.51 | 18.30 | |
| 10 | 256QAM | 25 | 0 | 18.41 | 18.45 | 18.43 | |
| 10 | 256QAM | 25 | 12 | 18.48 | 18.45 | 18.30 | 20 |
| 10 | 256QAM | 25 | 25 | 18.35 | 18.40 | 18.42 | |
| 10 | 256QAM | 50 | 0 | 18.45 | 18.41 | 18.37 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.53 | 23.40 | 23.47 | |
| 5 | QPSK | 1 | 12 | 23.37 | 23.44 | 23.35 | 25 |
| 5 | QPSK | 1 | 24 | 23.50 | 23.42 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.60 | 22.55 | 22.57 | |
| 5 | QPSK | 12 | 7 | 22.57 | 22.56 | 22.53 | 24 |
| 5 | QPSK | 12 | 13 | 22.60 | 22.52 | 22.56 | |
| 5 | QPSK | 25 | 0 | 22.62 | 22.64 | 22.48 | |
| 5 | 16QAM | 1 | 0 | 22.87 | 22.78 | 22.74 | |
| 5 | 16QAM | 1 | 12 | 22.73 | 22.70 | 22.72 | 24 |
| 5 | 16QAM | 1 | 24 | 22.64 | 22.67 | 22.56 | |
| 5 | 16QAM | 12 | 0 | 21.57 | 21.58 | 21.49 | |
| 5 | 16QAM | 12 | 7 | 21.55 | 21.61 | 21.47 | 23 |
| 5 | 16QAM | 12 | 13 | 21.55 | 21.60 | 21.53 | |
| 5 | 16QAM | 25 | 0 | 21.64 | 21.54 | 21.57 | |
| 5 | 64QAM | 1 | 0 | 21.72 | 21.60 | 21.63 | |
| 5 | 64QAM | 1 | 12 | 21.69 | 21.71 | 21.68 | 23 |
| 5 | 64QAM | 1 | 24 | 21.71 | 21.59 | 21.06 | |
| 5 | 64QAM | 12 | 0 | 20.20 | 20.54 | 20.57 | |
| 5 | 64QAM | 12 | 7 | 20.46 | 20.60 | 20.52 | 22 |
| 5 | 64QAM | 12 | 13 | 20.60 | 20.67 | 20.40 | |
| 5 | 64QAM | 25 | 0 | 20.65 | 20.57 | 20.57 | |
| 5 | 256QAM | 1 | 0 | 18.54 | 18.51 | 18.51 | |
| 5 | 256QAM | 1 | 12 | 18.56 | 18.48 | 18.42 | 20 |
| 5 | 256QAM | 1 | 24 | 18.49 | 18.55 | 18.30 | |
| 5 | 256QAM | 12 | 0 | 18.40 | 18.41 | 18.40 | |
| 5 | 256QAM | 12 | 7 | 18.45 | 18.39 | 18.29 | 20 |
| 5 | 256QAM | 12 | 13 | 18.27 | 18.41 | 18.38 | |
| 5 | 256QAM | 25 | 0 | 18.46 | 18.43 | 18.36 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.47 | 23.44 | 23.46 | |
| 3 | QPSK | 1 | 8 | 23.41 | 23.46 | 23.34 | 25 |
| 3 | QPSK | 1 | 14 | 23.51 | 23.44 | 23.27 | |
| 3 | QPSK | 8 | 0 | 22.62 | 22.59 | 22.49 | |
| 3 | QPSK | 8 | 4 | 22.62 | 22.58 | 22.50 | 24 |
| 3 | QPSK | 8 | 7 | 22.56 | 22.56 | 22.56 | |
| 3 | QPSK | 15 | 0 | 22.60 | 22.64 | 22.51 | |
| 3 | 16QAM | 1 | 0 | 22.77 | 22.77 | 22.72 | |
| 3 | 16QAM | 1 | 8 | 22.78 | 22.69 | 22.70 | 24 |
| 3 | 16QAM | 1 | 14 | 22.71 | 22.66 | 22.62 | |
| 3 | 16QAM | 8 | 0 | 21.54 | 21.57 | 21.56 | |
| 3 | 16QAM | 8 | 4 | 21.54 | 21.62 | 21.52 | 23 |
| 3 | 16QAM | 8 | 7 | 21.51 | 21.54 | 21.52 | |
| 3 | 16QAM | 15 | 0 | 21.64 | 21.56 | 21.53 | |
| 3 | 64QAM | 1 | 0 | 21.65 | 21.56 | 21.68 | |
| 3 | 64QAM | 1 | 8 | 21.69 | 21.73 | 21.63 | 23 |
| 3 | 64QAM | 1 | 14 | 21.73 | 21.63 | 21.06 | |
| 3 | 64QAM | 8 | 0 | 20.20 | 20.58 | 20.60 | |
| 3 | 64QAM | 8 | 4 | 20.44 | 20.63 | 20.53 | 22 |
| 3 | 64QAM | 8 | 7 | 20.62 | 20.62 | 20.39 | |
| 3 | 64QAM | 15 | 0 | 20.61 | 20.65 | 20.58 | |
| 3 | 256QAM | 1 | 0 | 18.57 | 18.49 | 18.56 | |
| 3 | 256QAM | 1 | 8 | 18.59 | 18.49 | 18.48 | 20 |
| 3 | 256QAM | 1 | 14 | 18.41 | 18.56 | 18.36 | |
| 3 | 256QAM | 8 | 0 | 18.44 | 18.50 | 18.45 | |
| 3 | 256QAM | 8 | 4 | 18.46 | 18.43 | 18.33 | 20 |
| 3 | 256QAM | 8 | 7 | 18.35 | 18.36 | 18.32 | |
| 3 | 256QAM | 15 | 0 | 18.46 | 18.46 | 18.33 | |
| Channel | | | | 26707 | 26865 | 27023 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.57 | 23.42 | 23.41 | |
| 1.4 | QPSK | 1 | 3 | 23.58 | 23.54 | 23.40 | |
| 1.4 | QPSK | 1 | 5 | 23.53 | 23.44 | 23.31 | 25 |
| 1.4 | QPSK | 3 | 0 | 23.59 | 23.45 | 23.41 | |
| 1.4 | QPSK | 3 | 1 | 23.57 | 23.52 | 23.46 | |
| 1.4 | QPSK | 3 | 3 | 23.59 | 23.49 | 23.44 | |
| 1.4 | QPSK | 6 | 0 | 22.67 | 22.57 | 22.46 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.92 | 22.82 | 22.69 | |
| 1.4 | 16QAM | 1 | 3 | 22.95 | 22.84 | 22.74 | |
| 1.4 | 16QAM | 1 | 5 | 22.88 | 22.74 | 22.67 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.70 | 22.57 | 22.49 | |
| 1.4 | 16QAM | 3 | 1 | 22.77 | 22.62 | 22.52 | |
| 1.4 | 16QAM | 3 | 3 | 22.66 | 22.60 | 22.44 | |
| 1.4 | 16QAM | 6 | 0 | 21.71 | 21.65 | 21.51 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.44 | 21.74 | 21.02 | |
| 1.4 | 64QAM | 1 | 3 | 21.49 | 21.82 | 21.08 | |
| 1.4 | 64QAM | 1 | 5 | 21.44 | 21.74 | 21.02 | 23 |
| 1.4 | 64QAM | 3 | 0 | 21.45 | 21.68 | 21.00 | |
| 1.4 | 64QAM | 3 | 1 | 21.51 | 21.73 | 21.08 | |
| 1.4 | 64QAM | 3 | 3 | 21.44 | 21.71 | 21.07 | |
| 1.4 | 64QAM | 6 | 0 | 20.27 | 20.61 | 20.00 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.63 | 18.51 | 18.55 | |
| 1.4 | 256QAM | 1 | 3 | 18.56 | 18.47 | 18.59 | |
| 1.4 | 256QAM | 1 | 5 | 18.41 | 18.47 | 18.35 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.46 | 18.46 | 18.49 | |
| 1.4 | 256QAM | 3 | 1 | 18.38 | 18.44 | 18.30 | |
| 1.4 | 256QAM | 3 | 3 | 18.30 | 18.35 | 18.39 | |
| 1.4 | 256QAM | 6 | 0 | 18.44 | 18.43 | 18.38 | 20 |

## Band 30

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | | 27710 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | QPSK | 1 | 0 | | 23.87 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 23.88 | | |
| 10 | QPSK | 1 | 49 | | 23.85 | | |
| 10 | QPSK | 25 | 0 | | 22.90 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 22.94 | | |
| 10 | QPSK | 25 | 25 | | 22.96 | | |
| 10 | QPSK | 50 | 0 | | 22.94 | | |
| 10 | 16QAM | 1 | 0 | | 23.21 | | 24.7 |
| 10 | 16QAM | 1 | 25 | | 23.25 | | |
| 10 | 16QAM | 1 | 49 | | 23.23 | | |
| 10 | 16QAM | 25 | 0 | | 21.88 | | 23.7 |
| 10 | 16QAM | 25 | 12 | | 21.97 | | |
| 10 | 16QAM | 25 | 25 | | 21.94 | | |
| 10 | 16QAM | 50 | 0 | | 21.93 | | |
| 10 | 64QAM | 1 | 0 | | 22.09 | | 23.7 |
| 10 | 64QAM | 1 | 25 | | 22.17 | | |
| 10 | 64QAM | 1 | 49 | | 22.02 | | |
| 10 | 64QAM | 25 | 0 | | 20.92 | | 22.7 |
| 10 | 64QAM | 25 | 12 | | 21.02 | | |
| 10 | 64QAM | 25 | 25 | | 20.95 | | |
| 10 | 64QAM | 50 | 0 | | 20.98 | | |
| 10 | 256QAM | 1 | 0 | | 19.20 | | 20.7 |
| 10 | 256QAM | 1 | 25 | | 19.29 | | |
| 10 | 256QAM | 1 | 49 | | 19.13 | | |
| 10 | 256QAM | 25 | 0 | | 18.96 | | 20.7 |
| 10 | 256QAM | 25 | 12 | | 19.06 | | |
| 10 | 256QAM | 25 | 25 | | 19.03 | | |
| 10 | 256QAM | 50 | 0 | | 19.03 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 23.75 | 23.79 | 23.86 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.82 | 23.86 | 23.80 | |
| 5 | QPSK | 1 | 24 | 23.85 | 23.87 | 23.79 | |
| 5 | QPSK | 12 | 0 | 22.87 | 22.89 | 22.94 | 24.7 |
| 5 | QPSK | 12 | 7 | 22.99 | 22.94 | 22.98 | |
| 5 | QPSK | 12 | 13 | 22.99 | 22.93 | 22.96 | |
| 5 | QPSK | 25 | 0 | 22.97 | 22.94 | 22.99 | |
| 5 | 16QAM | 1 | 0 | 23.07 | 23.10 | 23.17 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.18 | 23.17 | 23.19 | |
| 5 | 16QAM | 1 | 24 | 23.24 | 23.18 | 23.25 | |
| 5 | 16QAM | 12 | 0 | 21.88 | 21.93 | 21.95 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.01 | 21.98 | 22.00 | |
| 5 | 16QAM | 12 | 13 | 22.01 | 21.95 | 21.98 | |
| 5 | 16QAM | 25 | 0 | 21.96 | 21.94 | 21.94 | |
| 5 | 64QAM | 1 | 0 | 22.03 | 22.08 | 21.87 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.14 | 21.97 | |
| 5 | 64QAM | 1 | 24 | 22.16 | 22.09 | 21.83 | |
| 5 | 64QAM | 12 | 0 | 20.94 | 20.96 | 20.93 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.05 | 21.02 | 20.96 | |
| 5 | 64QAM | 12 | 13 | 21.05 | 20.96 | 20.95 | |
| 5 | 64QAM | 25 | 0 | 21.01 | 21.00 | 20.81 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.19 | 19.18 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.21 | 19.19 | 19.22 | |
| 5 | 256QAM | 1 | 24 | 19.08 | 19.05 | 19.05 | |
| 5 | 256QAM | 12 | 0 | 18.93 | 18.86 | 18.90 | 20.7 |
| 5 | 256QAM | 12 | 7 | 18.99 | 19.06 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 19.03 | 18.93 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 19.03 | 18.96 | 19.01 | |

## Band 66

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 23.93 | 23.97 | 23.84 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.83 | 23.85 | 23.72 | |
| 20 | QPSK | 1 | 99 | 23.75 | 23.80 | 23.62 | |
| 20 | QPSK | 50 | 0 | 22.94 | 22.97 | 22.84 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.98 | 22.99 | 22.90 | |
| 20 | QPSK | 50 | 50 | 22.94 | 22.95 | 22.82 | |
| 20 | QPSK | 100 | 0 | 22.92 | 22.93 | 22.91 | |
| 20 | 16QAM | 1 | 0 | 23.26 | 23.30 | 23.20 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.18 | 23.19 | 23.04 | |
| 20 | 16QAM | 1 | 99 | 23.09 | 23.09 | 22.91 | |
| 20 | 16QAM | 50 | 0 | 21.93 | 21.96 | 21.87 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.99 | 21.94 | 21.91 | |
| 20 | 16QAM | 50 | 50 | 21.95 | 21.94 | 21.84 | |
| 20 | 16QAM | 100 | 0 | 21.96 | 21.88 | 21.90 | |
| 20 | 64QAM | 1 | 0 | 22.03 | 22.16 | 22.07 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.06 | 22.07 | 21.67 | |
| 20 | 64QAM | 1 | 99 | 22.01 | 22.05 | 21.87 | |
| 20 | 64QAM | 50 | 0 | 20.96 | 21.00 | 20.91 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.01 | 20.97 | 20.70 | |
| 20 | 64QAM | 50 | 50 | 20.95 | 20.98 | 20.86 | |
| 20 | 64QAM | 100 | 0 | 21.01 | 20.93 | 20.91 | |
| 20 | 256QAM | 1 | 0 | 18.91 | 19.00 | 18.96 | 20.5 |
| 20 | 256QAM | 1 | 49 | 19.06 | 19.04 | 18.89 | |
| 20 | 256QAM | 1 | 99 | 19.02 | 19.08 | 19.06 | |
| 20 | 256QAM | 50 | 0 | 18.87 | 18.88 | 18.89 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.85 | 18.92 | 18.94 | |
| 20 | 256QAM | 50 | 50 | 18.93 | 18.99 | 18.86 | |
| 20 | 256QAM | 100 | 0 | 18.92 | 18.90 | 18.99 | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.93 | 23.96 | 23.74 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.77 | 23.83 | 23.62 | |
| 15 | QPSK | 1 | 74 | 23.70 | 23.75 | 23.54 | |
| 15 | QPSK | 36 | 0 | 22.84 | 22.88 | 22.79 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.92 | 22.96 | 22.86 | |
| 15 | QPSK | 36 | 39 | 22.89 | 22.92 | 22.81 | |
| 15 | QPSK | 75 | 0 | 22.89 | 22.88 | 22.89 | |
| 15 | 16QAM | 1 | 0 | 23.21 | 23.25 | 23.13 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.17 | 23.09 | 23.02 | |
| 15 | 16QAM | 1 | 74 | 23.00 | 23.00 | 22.87 | |
| 15 | 16QAM | 36 | 0 | 21.83 | 21.96 | 21.78 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.98 | 21.90 | 21.85 | |
| 15 | 16QAM | 36 | 39 | 21.89 | 21.92 | 21.78 | |
| 15 | 16QAM | 75 | 0 | 21.95 | 21.85 | 21.82 | |
| 15 | 64QAM | 1 | 0 | 21.98 | 22.14 | 22.00 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.96 | 22.02 | 21.61 | |
| 15 | 64QAM | 1 | 74 | 21.97 | 22.00 | 21.78 | |
| 15 | 64QAM | 36 | 0 | 20.87 | 20.95 | 20.81 | 22.5 |
| 15 | 64QAM | 36 | 20 | 20.97 | 20.96 | 20.67 | |
| 15 | 64QAM | 36 | 39 | 20.87 | 20.98 | 20.78 | |
| 15 | 64QAM | 75 | 0 | 20.91 | 20.86 | 20.81 | |
| 15 | 256QAM | 1 | 0 | 18.90 | 18.97 | 18.88 | 20.5 |
| 15 | 256QAM | 1 | 37 | 19.00 | 19.04 | 18.84 | |
| 15 | 256QAM | 1 | 74 | 18.99 | 19.04 | 19.04 | |
| 15 | 256QAM | 36 | 0 | 18.80 | 18.86 | 18.81 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.79 | 18.89 | 18.90 | |
| 15 | 256QAM | 36 | 39 | 18.91 | 18.98 | 18.81 | |
| 15 | 256QAM | 75 | 0 | 18.89 | 18.85 | 18.89 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.93 | 23.88 | 23.76 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.82 | 23.80 | 23.65 | |
| 10 | QPSK | 1 | 49 | 23.66 | 23.74 | 23.54 | |
| 10 | QPSK | 25 | 0 | 22.85 | 22.90 | 22.79 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.92 | 22.90 | 22.86 | |
| 10 | QPSK | 25 | 25 | 22.94 | 22.86 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.83 | 22.86 | 22.84 | |
| 10 | 16QAM | 1 | 0 | 23.23 | 23.25 | 23.19 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.13 | 23.12 | 22.99 | |
| 10 | 16QAM | 1 | 49 | 23.08 | 23.07 | 22.90 | |
| 10 | 16QAM | 25 | 0 | 21.87 | 21.89 | 21.87 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.89 | 21.84 | 21.83 | |
| 10 | 16QAM | 25 | 25 | 21.85 | 21.88 | 21.79 | |
| 10 | 16QAM | 50 | 0 | 21.88 | 21.88 | 21.89 | |
| 10 | 64QAM | 1 | 0 | 22.00 | 22.06 | 21.99 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.02 | 22.03 | 21.60 | |
| 10 | 64QAM | 1 | 49 | 22.00 | 22.05 | 21.82 | |
| 10 | 64QAM | 25 | 0 | 20.94 | 20.98 | 20.83 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.97 | 20.92 | 20.63 | |
| 10 | 64QAM | 25 | 25 | 20.91 | 20.94 | 20.84 | |
| 10 | 64QAM | 50 | 0 | 20.94 | 20.89 | 20.81 | |
| 10 | 256QAM | 1 | 0 | 18.85 | 18.98 | 18.87 | 20.5 |
| 10 | 256QAM | 1 | 25 | 19.00 | 19.00 | 18.88 | |
| 10 | 256QAM | 1 | 49 | 19.02 | 19.03 | 18.97 | |
| 10 | 256QAM | 25 | 0 | 18.82 | 18.86 | 18.87 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.80 | 18.89 | 18.86 | |
| 10 | 256QAM | 25 | 25 | 18.89 | 18.95 | 18.80 | |
| 10 | 256QAM | 50 | 0 | 18.88 | 18.81 | 18.98 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.92 | 23.93 | 23.78 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.74 | 23.75 | 23.66 | |
| 5 | QPSK | 1 | 24 | 23.66 | 23.75 | 23.56 | |
| 5 | QPSK | 12 | 0 | 22.87 | 22.97 | 22.79 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.96 | 22.92 | 22.88 | |
| 5 | QPSK | 12 | 13 | 22.90 | 22.89 | 22.81 | |
| 5 | QPSK | 25 | 0 | 22.82 | 22.83 | 22.88 | |
| 5 | 16QAM | 1 | 0 | 23.24 | 23.29 | 23.13 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.16 | 23.17 | 23.00 | |
| 5 | 16QAM | 1 | 24 | 23.09 | 23.03 | 22.87 | |
| 5 | 16QAM | 12 | 0 | 21.87 | 21.86 | 21.84 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.99 | 21.92 | 21.85 | |
| 5 | 16QAM | 12 | 13 | 21.86 | 21.88 | 21.83 | |
| 5 | 16QAM | 25 | 0 | 21.87 | 21.81 | 21.84 | |
| 5 | 64QAM | 1 | 0 | 21.98 | 22.07 | 22.04 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.02 | 22.03 | 21.63 | |
| 5 | 64QAM | 1 | 24 | 21.91 | 22.00 | 21.78 | |
| 5 | 64QAM | 12 | 0 | 20.86 | 20.98 | 20.85 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.00 | 20.95 | 20.64 | |
| 5 | 64QAM | 12 | 13 | 20.89 | 20.92 | 20.82 | |
| 5 | 64QAM | 25 | 0 | 21.00 | 20.92 | 20.85 | |
| 5 | 256QAM | 1 | 0 | 18.86 | 18.96 | 18.96 | 20.5 |
| 5 | 256QAM | 1 | 12 | 19.05 | 18.97 | 18.88 | |
| 5 | 256QAM | 1 | 24 | 18.99 | 19.03 | 19.05 | |
| 5 | 256QAM | 12 | 0 | 18.82 | 18.86 | 18.88 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.78 | 18.88 | 18.90 | |
| 5 | 256QAM | 12 | 13 | 18.92 | 18.95 | 18.82 | |
| 5 | 256QAM | 25 | 0 | 18.87 | 18.86 | 18.90 | |
| Channel | | | | 131962 | 132322 | 132682 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.83 | 23.88 | 23.75 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.81 | 23.83 | 23.66 | |
| 3 | QPSK | 1 | 14 | 23.70 | 23.71 | 23.61 | |
| 3 | QPSK | 8 | 0 | 22.88 | 22.96 | 22.83 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.94 | 22.99 | 22.88 | |
| 3 | QPSK | 8 | 7 | 22.94 | 22.86 | 22.75 | |
| 3 | QPSK | 15 | 0 | 22.68 | 22.91 | 22.84 | |
| 3 | 16QAM | 1 | 0 | 23.23 | 23.23 | 23.19 | 24.5 |
| 3 | 16QAM | 1 | 8 | 23.16 | 23.17 | 22.99 | |
| 3 | 16QAM | 1 | 14 | 23.07 | 23.00 | 22.90 | |
| 3 | 16QAM | 8 | 0 | 21.84 | 21.95 | 21.87 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.91 | 21.88 | 21.91 | |
| 3 | 16QAM | 8 | 7 | 21.94 | 21.86 | 21.77 | |
| 3 | 16QAM | 15 | 0 | 21.96 | 21.80 | 21.87 | |
| 3 | 64QAM | 1 | 0 | 21.97 | 22.10 | 21.97 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.96 | 22.05 | 21.59 | |
| 3 | 64QAM | 1 | 14 | 21.97 | 21.96 | 21.80 | |
| 3 | 64QAM | 8 | 0 | 20.88 | 20.91 | 20.90 | 22.5 |
| 3 | 64QAM | 8 | 4 | 21.00 | 20.90 | 20.65 | |
| 3 | 64QAM | 8 | 7 | 20.89 | 20.94 | 20.89 | |
| 3 | 64QAM | 15 | 0 | 20.96 | 20.86 | 20.88 | |
| 3 | 256QAM | 1 | 0 | 18.85 | 18.99 | 18.95 | 20.5 |
| 3 | 256QAM | 1 | 8 | 19.00 | 18.98 | 18.83 | |
| 3 | 256QAM | 1 | 14 | 18.98 | 19.01 | 18.96 | |
| 3 | 256QAM | 8 | 0 | 18.77 | 18.80 | 18.86 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.84 | 18.92 | 18.89 | |
| 3 | 256QAM | 8 | 7 | 18.89 | 18.92 | 18.79 | |
| 3 | 256QAM | 15 | 0 | 18.92 | 18.85 | 18.93 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.78 | 23.79 | 23.62 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.81 | 23.82 | 23.79 | |
| 1.4 | QPSK | 1 | 5 | 23.75 | 23.77 | 23.61 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.85 | 23.67 | |
| 1.4 | QPSK | 3 | 1 | 23.85 | 23.88 | 23.69 | |
| 1.4 | QPSK | 3 | 3 | 23.81 | 23.82 | 23.63 | |
| 1.4 | QPSK | 6 | 0 | 22.87 | 22.87 | 22.71 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 23.09 | 23.12 | 22.93 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 23.17 | 23.19 | 23.01 | |
| 1.4 | 16QAM | 1 | 5 | 23.11 | 23.12 | 22.94 | |
| 1.4 | 16QAM | 3 | 0 | 22.87 | 22.92 | 22.76 | |
| 1.4 | 16QAM | 3 | 1 | 22.95 | 22.99 | 22.79 | |
| 1.4 | 16QAM | 3 | 3 | 22.87 | 22.91 | 22.76 | |
| 1.4 | 16QAM | 6 | 0 | 21.92 | 21.93 | 21.77 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.83 | 22.09 | 21.92 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.92 | 22.13 | 21.98 | |
| 1.4 | 64QAM | 1 | 5 | 21.86 | 22.06 | 21.88 | |
| 1.4 | 64QAM | 3 | 0 | 21.83 | 22.04 | 21.87 | |
| 1.4 | 64QAM | 3 | 1 | 22.00 | 22.05 | 21.91 | |
| 1.4 | 64QAM | 3 | 3 | 21.92 | 22.04 | 21.84 | |
| 1.4 | 64QAM | 6 | 0 | 20.75 | 20.90 | 20.73 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.87 | 18.90 | 18.86 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.99 | 19.00 | 18.79 | |
| 1.4 | 256QAM | 1 | 5 | 18.92 | 18.98 | 18.98 | |
| 1.4 | 256QAM | 3 | 0 | 18.84 | 18.85 | 18.79 | |
| 1.4 | 256QAM | 3 | 1 | 18.76 | 18.90 | 18.85 | |
| 1.4 | 256QAM | 3 | 3 | 18.92 | 18.89 | 18.85 | |
| 1.4 | 256QAM | 6 | 0 | 18.85 | 18.80 | 18.98 | 20.5 |

## Band 71

| 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 | 133322 | 133372 | |
| Frequency (MHz) | | | | 673 | 683 | 688 | |
| 20 | QPSK | 1 | 0 | 23.48 | 23.49 | 23.37 | 25 |
| 20 | QPSK | 1 | 49 | 23.42 | 23.41 | 23.37 | |
| 20 | QPSK | 1 | 99 | 23.35 | 23.39 | 23.35 | |
| 20 | QPSK | 50 | 0 | 22.57 | 22.58 | 22.46 | 24 |
| 20 | QPSK | 50 | 24 | 22.54 | 22.49 | 22.48 | |
| 20 | QPSK | 50 | 50 | 22.56 | 22.51 | 22.50 | |
| 20 | QPSK | 100 | 0 | 22.51 | 22.52 | 22.46 | |
| 20 | 16QAM | 1 | 0 | 22.86 | 22.82 | 22.74 | 24 |
| 20 | 16QAM | 1 | 49 | 22.77 | 22.77 | 22.76 | |
| 20 | 16QAM | 1 | 99 | 22.71 | 22.72 | 22.71 | |
| 20 | 16QAM | 50 | 0 | 21.58 | 21.53 | 21.48 | 23 |
| 20 | 16QAM | 50 | 24 | 21.61 | 21.51 | 21.49 | |
| 20 | 16QAM | 50 | 50 | 21.58 | 21.53 | 21.50 | |
| 20 | 16QAM | 100 | 0 | 21.59 | 21.48 | 21.46 | |
| 20 | 64QAM | 1 | 0 | 21.73 | 21.67 | 21.63 | 23 |
| 20 | 64QAM | 1 | 49 | 21.66 | 21.60 | 21.56 | |
| 20 | 64QAM | 1 | 99 | 21.59 | 21.63 | 21.60 | |
| 20 | 64QAM | 50 | 0 | 20.50 | 20.56 | 20.47 | 22 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.54 | 20.51 | |
| 20 | 64QAM | 50 | 50 | 20.60 | 20.56 | 20.53 | |
| 20 | 64QAM | 100 | 0 | 20.61 | 20.52 | 20.49 | |
| 20 | 256QAM | 1 | 0 | 18.58 | 18.44 | 18.57 | 20 |
| 20 | 256QAM | 1 | 49 | 18.57 | 18.32 | 18.46 | |
| 20 | 256QAM | 1 | 99 | 18.46 | 18.45 | 18.49 | |
| 20 | 256QAM | 50 | 0 | 18.47 | 18.43 | 18.39 | 20 |
| 20 | 256QAM | 50 | 24 | 18.41 | 18.38 | 18.29 | |
| 20 | 256QAM | 50 | 50 | 18.35 | 18.35 | 18.27 | |
| 20 | 256QAM | 100 | 0 | 18.43 | 18.36 | 18.29 | |
| Channel | | | | 133197 | 133297 | 133397 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 23.41 | 23.46 | 23.29 | 25 |
| 15 | QPSK | 1 | 37 | 23.40 | 23.37 | 23.35 | |
| 15 | QPSK | 1 | 74 | 23.25 | 23.32 | 23.27 | |
| 15 | QPSK | 36 | 0 | 22.49 | 22.48 | 22.41 | 24 |
| 15 | QPSK | 36 | 20 | 22.50 | 22.45 | 22.40 | |
| 15 | QPSK | 36 | 39 | 22.47 | 22.41 | 22.44 | |
| 15 | QPSK | 75 | 0 | 22.47 | 22.45 | 22.42 | |
| 15 | 16QAM | 1 | 0 | 22.80 | 22.82 | 22.71 | 24 |
| 15 | 16QAM | 1 | 37 | 22.75 | 22.67 | 22.69 | |
| 15 | 16QAM | 1 | 74 | 22.68 | 22.70 | 22.70 | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.53 | 21.44 | 23 |
| 15 | 16QAM | 36 | 20 | 21.56 | 21.42 | 21.44 | |
| 15 | 16QAM | 36 | 39 | 21.48 | 21.51 | 21.45 | |
| 15 | 16QAM | 75 | 0 | 21.53 | 21.41 | 21.44 | |
| 15 | 64QAM | 1 | 0 | 21.65 | 21.57 | 21.62 | 23 |
| 15 | 64QAM | 1 | 37 | 21.56 | 21.51 | 21.55 | |
| 15 | 64QAM | 1 | 74 | 21.50 | 21.58 | 21.60 | |
| 15 | 64QAM | 36 | 0 | 20.47 | 20.49 | 20.42 | 22 |
| 15 | 64QAM | 36 | 20 | 20.62 | 20.54 | 20.50 | |
| 15 | 64QAM | 36 | 39 | 20.52 | 20.54 | 20.50 | |
| 15 | 64QAM | 75 | 0 | 20.58 | 20.48 | 20.49 | |
| 15 | 256QAM | 1 | 0 | 18.53 | 18.40 | 18.55 | 20 |
| 15 | 256QAM | 1 | 37 | 18.52 | 18.31 | 18.43 | |
| 15 | 256QAM | 1 | 74 | 18.45 | 18.35 | 18.47 | |
| 15 | 256QAM | 36 | 0 | 18.43 | 18.40 | 18.34 | 20 |
| 15 | 256QAM | 36 | 20 | 18.38 | 18.35 | 18.23 | |
| 15 | 256QAM | 36 | 39 | 18.29 | 18.30 | 18.22 | |
| 15 | 256QAM | 75 | 0 | 18.39 | 18.33 | 18.19 | |
| Channel | | | | 133172 | 133272 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 678 | 693 | |
| 10 | QPSK | 1 | 0 | 23.40 | 23.48 | 23.35 | 25 |
| 10 | QPSK | 1 | 25 | 23.40 | 23.38 | 23.34 | |
| 10 | QPSK | 1 | 49 | 23.25 | 23.34 | 23.34 | |
| 10 | QPSK | 25 | 0 | 22.57 | 22.53 | 22.39 | 24 |
| 10 | QPSK | 25 | 12 | 22.53 | 22.46 | 22.47 | |
| 10 | QPSK | 25 | 25 | 22.51 | 22.48 | 22.40 | |
| 10 | QPSK | 50 | 0 | 22.48 | 22.45 | 22.40 | |
| 10 | 16QAM | 1 | 0 | 22.85 | 22.82 | 22.70 | 24 |
| 10 | 16QAM | 1 | 25 | 22.67 | 22.69 | 22.76 | |
| 10 | 16QAM | 1 | 49 | 22.64 | 22.62 | 22.65 | |
| 10 | 16QAM | 25 | 0 | 21.52 | 21.52 | 21.39 | 23 |
| 10 | 16QAM | 25 | 12 | 21.58 | 21.51 | 21.46 | |
| 10 | 16QAM | 25 | 25 | 21.50 | 21.43 | 21.46 | |
| 10 | 16QAM | 50 | 0 | 21.54 | 21.48 | 21.40 | |
| 10 | 64QAM | 1 | 0 | 21.72 | 21.63 | 21.55 | 23 |
| 10 | 64QAM | 1 | 25 | 21.64 | 21.57 | 21.53 | |
| 10 | 64QAM | 1 | 49 | 21.49 | 21.55 | 21.59 | |
| 10 | 64QAM | 25 | 0 | 20.40 | 20.56 | 20.40 | 22 |
| 10 | 64QAM | 25 | 12 | 20.62 | 20.45 | 20.45 | |
| 10 | 64QAM | 25 | 25 | 20.58 | 20.53 | 20.51 | |
| 10 | 64QAM | 50 | 0 | 20.56 | 20.50 | 20.42 | |
| 10 | 256QAM | 1 | 0 | 18.49 | 18.39 | 18.52 | 20 |
| 10 | 256QAM | 1 | 25 | 18.47 | 18.24 | 18.41 | |
| 10 | 256QAM | 1 | 49 | 18.45 | 18.43 | 18.44 | |
| 10 | 256QAM | 25 | 0 | 18.38 | 18.40 | 18.32 | 20 |
| 10 | 256QAM | 25 | 12 | 18.34 | 18.28 | 18.23 | |
| 10 | 256QAM | 25 | 25 | 18.33 | 18.34 | 18.23 | |
| 10 | 256QAM | 50 | 0 | 18.41 | 18.28 | 18.23 | |
| Channel | | | | 133147 | 133247 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 675.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 23.41 | 23.45 | 23.31 | 25 |
| 5 | QPSK | 1 | 12 | 23.38 | 23.41 | 23.31 | |
| 5 | QPSK | 1 | 24 | 23.28 | 23.38 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.50 | 22.55 | 22.38 | 24 |
| 5 | QPSK | 12 | 7 | 22.45 | 22.43 | 22.39 | |
| 5 | QPSK | 12 | 13 | 22.50 | 22.44 | 22.46 | |
| 5 | QPSK | 25 | 0 | 22.43 | 22.44 | 22.42 | |
| 5 | 16QAM | 1 | 0 | 22.79 | 22.77 | 22.65 | 24 |
| 5 | 16QAM | 1 | 12 | 22.70 | 22.74 | 22.67 | |
| 5 | 16QAM | 1 | 24 | 22.62 | 22.69 | 22.62 | |
| 5 | 16QAM | 12 | 0 | 21.49 | 21.52 | 21.46 | 23 |
| 5 | 16QAM | 12 | 7 | 21.54 | 21.46 | 21.40 | |
| 5 | 16QAM | 12 | 13 | 21.49 | 21.48 | 21.49 | |
| 5 | 16QAM | 25 | 0 | 21.53 | 21.39 | 21.46 | |
| 5 | 64QAM | 1 | 0 | 21.73 | 21.60 | 21.58 | 23 |
| 5 | 64QAM | 1 | 12 | 21.62 | 21.58 | 21.55 | |
| 5 | 64QAM | 1 | 24 | 21.59 | 21.60 | 21.59 | |
| 5 | 64QAM | 12 | 0 | 20.46 | 20.47 | 20.43 | 22 |
| 5 | 64QAM | 12 | 7 | 20.61 | 20.53 | 20.49 | |
| 5 | 64QAM | 12 | 13 | 20.50 | 20.54 | 20.46 | |
| 5 | 64QAM | 25 | 0 | 20.59 | 20.52 | 20.47 | |
| 5 | 256QAM | 1 | 0 | 18.55 | 18.38 | 18.49 | 20 |
| 5 | 256QAM | 1 | 12 | 18.57 | 18.23 | 18.46 | |
| 5 | 256QAM | 1 | 24 | 18.42 | 18.41 | 18.48 | |
| 5 | 256QAM | 12 | 0 | 18.47 | 18.35 | 18.32 | 20 |
| 5 | 256QAM | 12 | 7 | 18.40 | 18.32 | 18.27 | |
| 5 | 256QAM | 12 | 13 | 18.30 | 18.26 | 18.20 | |
| 5 | 256QAM | 25 | 0 | 18.34 | 18.27 | 18.22 | |

## Band 2_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 22.87 | 22.87 | 23.17 | 24.8 |
| 20 | QPSK | 1 | 49 | 22.84 | 22.97 | 23.13 | |
| 20 | QPSK | 1 | 99 | 22.93 | 23.03 | 23.10 | |
| 20 | QPSK | 50 | 0 | 22.85 | 23.04 | 23.12 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.04 | 23.06 | 23.18 | |
| 20 | QPSK | 50 | 50 | 23.01 | 23.18 | 23.26 | |
| 20 | QPSK | 100 | 0 | 23.02 | 23.03 | 23.19 | |
| 20 | 16QAM | 1 | 0 | 23.09 | 23.26 | 23.42 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.11 | 23.33 | 23.29 | |
| 20 | 16QAM | 1 | 99 | 23.25 | 23.33 | 23.36 | |
| 20 | 16QAM | 50 | 0 | 22.61 | 22.72 | 22.81 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.75 | 22.77 | 22.90 | |
| 20 | 16QAM | 50 | 50 | 22.79 | 22.92 | 22.97 | |
| 20 | 16QAM | 100 | 0 | 22.74 | 22.77 | 22.84 | |
| 20 | 64QAM | 1 | 0 | 23.00 | 22.80 | 22.98 | 23.7 |
| 20 | 64QAM | 1 | 49 | 23.04 | 22.79 | 21.80 | |
| 20 | 64QAM | 1 | 99 | 23.14 | 22.98 | 22.14 | |
| 20 | 64QAM | 50 | 0 | 21.64 | 21.81 | 21.22 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.76 | 21.83 | 21.09 | |
| 20 | 64QAM | 50 | 50 | 21.66 | 21.90 | 21.24 | |
| 20 | 64QAM | 100 | 0 | 21.67 | 21.76 | 21.13 | |
| 20 | 256QAM | 1 | 0 | 19.92 | 19.55 | 19.67 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.54 | 19.71 | 19.72 | |
| 20 | 256QAM | 1 | 99 | 19.86 | 19.76 | 19.80 | |
| 20 | 256QAM | 50 | 0 | 19.85 | 19.51 | 19.51 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.68 | 19.58 | 19.66 | |
| 20 | 256QAM | 50 | 50 | 19.61 | 19.73 | 19.75 | |
| 20 | 256QAM | 100 | 0 | 19.52 | 19.54 | 19.71 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 22.87 | 22.86 | 23.14 | 24.8 |
| 15 | QPSK | 1 | 37 | 22.80 | 22.89 | 23.10 | |
| 15 | QPSK | 1 | 74 | 22.84 | 23.01 | 23.01 | |
| 15 | QPSK | 36 | 0 | 22.80 | 22.95 | 23.12 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.00 | 22.97 | 23.10 | |
| 15 | QPSK | 36 | 39 | 23.01 | 23.12 | 23.26 | |
| 15 | QPSK | 75 | 0 | 22.95 | 23.01 | 23.14 | |
| 15 | 16QAM | 1 | 0 | 22.99 | 23.26 | 23.35 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.03 | 23.27 | 23.22 | |
| 15 | 16QAM | 1 | 74 | 23.15 | 23.24 | 23.33 | |
| 15 | 16QAM | 36 | 0 | 22.58 | 22.71 | 22.78 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.71 | 22.73 | 22.82 | |
| 15 | 16QAM | 36 | 39 | 22.71 | 22.84 | 22.94 | |
| 15 | 16QAM | 75 | 0 | 22.74 | 22.69 | 22.82 | |
| 15 | 64QAM | 1 | 0 | 22.93 | 22.79 | 22.93 | 23.7 |
| 15 | 64QAM | 1 | 37 | 23.00 | 22.75 | 21.75 | |
| 15 | 64QAM | 1 | 74 | 23.10 | 22.90 | 22.07 | |
| 15 | 64QAM | 36 | 0 | 21.63 | 21.77 | 21.12 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.69 | 21.83 | 20.99 | |
| 15 | 64QAM | 36 | 39 | 21.66 | 21.83 | 21.15 | |
| 15 | 64QAM | 75 | 0 | 21.62 | 21.72 | 21.03 | |
| 15 | 256QAM | 1 | 0 | 19.87 | 19.47 | 19.64 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.50 | 19.64 | 19.66 | |
| 15 | 256QAM | 1 | 74 | 19.79 | 19.70 | 19.85 | |
| 15 | 256QAM | 36 | 0 | 19.81 | 19.44 | 19.44 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.61 | 19.56 | 19.60 | |
| 15 | 256QAM | 36 | 39 | 19.59 | 19.72 | 19.75 | |
| 15 | 256QAM | 75 | 0 | 19.50 | 19.52 | 19.63 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 22.83 | 22.81 | 23.13 | 24.8 |
| 10 | QPSK | 1 | 25 | 22.81 | 22.90 | 23.03 | |
| 10 | QPSK | 1 | 49 | 22.85 | 22.93 | 23.03 | |
| 10 | QPSK | 25 | 0 | 22.82 | 22.97 | 23.09 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.00 | 22.98 | 23.11 | |
| 10 | QPSK | 25 | 25 | 23.01 | 23.10 | 23.20 | |
| 10 | QPSK | 50 | 0 | 22.95 | 22.95 | 23.15 | |
| 10 | 16QAM | 1 | 0 | 23.02 | 23.26 | 23.34 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.01 | 23.30 | 23.20 | |
| 10 | 16QAM | 1 | 49 | 23.21 | 23.33 | 23.35 | |
| 10 | 16QAM | 25 | 0 | 22.56 | 22.63 | 22.76 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.69 | 22.72 | 22.84 | |
| 10 | 16QAM | 25 | 25 | 22.76 | 22.82 | 22.89 | |
| 10 | 16QAM | 50 | 0 | 22.73 | 22.75 | 22.76 | |
| 10 | 64QAM | 1 | 0 | 22.97 | 22.73 | 22.96 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.99 | 22.69 | 21.72 | |
| 10 | 64QAM | 1 | 49 | 23.06 | 22.97 | 22.07 | |
| 10 | 64QAM | 25 | 0 | 21.55 | 21.71 | 21.17 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.76 | 21.78 | 21.09 | |
| 10 | 64QAM | 25 | 25 | 21.62 | 21.86 | 21.15 | |
| 10 | 64QAM | 50 | 0 | 21.60 | 21.70 | 21.04 | |
| 10 | 256QAM | 1 | 0 | 19.90 | 19.49 | 19.67 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.53 | 19.62 | 19.62 | |
| 10 | 256QAM | 1 | 49 | 19.85 | 19.69 | 19.85 | |
| 10 | 256QAM | 25 | 0 | 19.81 | 19.47 | 19.43 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.59 | 19.57 | 19.63 | |
| 10 | 256QAM | 25 | 25 | 19.51 | 19.65 | 19.71 | |
| 10 | 256QAM | 50 | 0 | 19.49 | 19.47 | 19.68 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 22.78 | 22.81 | 23.13 | 24.8 |
| 5 | QPSK | 1 | 12 | 22.77 | 22.94 | 23.00 | |
| 5 | QPSK | 1 | 24 | 22.91 | 22.93 | 23.09 | |
| 5 | QPSK | 12 | 0 | 22.82 | 23.01 | 23.05 | 24.7 |
| 5 | QPSK | 12 | 7 | 22.94 | 22.96 | 23.14 | |
| 5 | QPSK | 12 | 13 | 22.91 | 23.12 | 23.25 | |
| 5 | QPSK | 25 | 0 | 22.92 | 23.03 | 23.11 | |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.22 | 23.41 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.04 | 23.30 | 23.23 | |
| 5 | 16QAM | 1 | 24 | 23.19 | 23.27 | 23.31 | |
| 5 | 16QAM | 12 | 0 | 22.59 | 22.70 | 22.73 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.72 | 22.71 | 22.90 | |
| 5 | 16QAM | 12 | 13 | 22.74 | 22.90 | 22.96 | |
| 5 | 16QAM | 25 | 0 | 22.74 | 22.75 | 22.79 | |
| 5 | 64QAM | 1 | 0 | 22.99 | 22.72 | 22.86 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.95 | 22.78 | 21.76 | |
| 5 | 64QAM | 1 | 24 | 23.04 | 22.96 | 22.13 | |
| 5 | 64QAM | 12 | 0 | 21.62 | 21.72 | 21.15 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.74 | 21.83 | 21.00 | |
| 5 | 64QAM | 12 | 13 | 21.59 | 21.84 | 21.15 | |
| 5 | 64QAM | 25 | 0 | 21.65 | 21.66 | 21.09 | |
| 5 | 256QAM | 1 | 0 | 19.89 | 19.53 | 19.67 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.48 | 19.69 | 19.70 | |
| 5 | 256QAM | 1 | 24 | 19.81 | 19.69 | 19.79 | |
| 5 | 256QAM | 12 | 0 | 19.81 | 19.44 | 19.49 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.63 | 19.58 | 19.58 | |
| 5 | 256QAM | 12 | 13 | 19.59 | 19.66 | 19.75 | |
| 5 | 256QAM | 25 | 0 | 19.48 | 19.47 | 19.64 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 22.87 | 22.78 | 23.12 | 24.8 |
| 3 | QPSK | 1 | 8 | 22.76 | 22.87 | 23.08 | |
| 3 | QPSK | 1 | 14 | 22.92 | 22.96 | 23.07 | |
| 3 | QPSK | 8 | 0 | 22.83 | 23.02 | 23.03 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.02 | 22.99 | 23.18 | |
| 3 | QPSK | 8 | 7 | 22.93 | 23.17 | 23.20 | |
| 3 | QPSK | 15 | 0 | 22.96 | 22.97 | 23.12 | |
| 3 | 16QAM | 1 | 0 | 23.08 | 23.22 | 23.40 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.01 | 23.24 | 23.27 | |
| 3 | 16QAM | 1 | 14 | 23.19 | 23.33 | 23.32 | |
| 3 | 16QAM | 8 | 0 | 22.59 | 22.66 | 22.74 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.66 | 22.67 | 22.80 | |
| 3 | 16QAM | 8 | 7 | 22.75 | 22.82 | 22.96 | |
| 3 | 16QAM | 15 | 0 | 22.68 | 22.69 | 22.84 | |
| 3 | 64QAM | 1 | 0 | 22.93 | 22.71 | 22.91 | 23.7 |
| 3 | 64QAM | 1 | 8 | 23.03 | 22.73 | 21.76 | |
| 3 | 64QAM | 1 | 14 | 23.07 | 22.90 | 22.06 | |
| 3 | 64QAM | 8 | 0 | 21.59 | 21.74 | 21.22 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.70 | 21.77 | 21.07 | |
| 3 | 64QAM | 8 | 7 | 21.62 | 21.87 | 21.20 | |
| 3 | 64QAM | 15 | 0 | 21.65 | 21.68 | 21.10 | |
| 3 | 256QAM | 1 | 0 | 19.84 | 19.46 | 19.65 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.51 | 19.67 | 19.64 | |
| 3 | 256QAM | 1 | 14 | 19.82 | 19.68 | 19.80 | |
| 3 | 256QAM | 8 | 0 | 19.85 | 19.42 | 19.48 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.58 | 19.57 | 19.64 | |
| 3 | 256QAM | 8 | 7 | 19.59 | 19.70 | 19.75 | |
| 3 | 256QAM | 15 | 0 | 19.50 | 19.54 | 19.71 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 22.79 | 22.92 | 22.97 | 24.8 |
| 1.4 | QPSK | 1 | 3 | 22.88 | 22.99 | 23.10 | |
| 1.4 | QPSK | 1 | 5 | 22.81 | 22.93 | 23.03 | |
| 1.4 | QPSK | 3 | 0 | 22.80 | 22.92 | 23.07 | |
| 1.4 | QPSK | 3 | 1 | 22.87 | 23.02 | 23.07 | |
| 1.4 | QPSK | 3 | 3 | 22.82 | 22.97 | 23.07 | |
| 1.4 | QPSK | 6 | 0 | 22.84 | 22.97 | 23.11 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 22.98 | 23.14 | 23.27 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.09 | 23.21 | 23.32 | |
| 1.4 | 16QAM | 1 | 5 | 22.98 | 23.14 | 23.24 | |
| 1.4 | 16QAM | 3 | 0 | 22.86 | 23.02 | 23.16 | |
| 1.4 | 16QAM | 3 | 1 | 22.89 | 23.13 | 23.22 | |
| 1.4 | 16QAM | 3 | 3 | 22.85 | 23.10 | 23.13 | |
| 1.4 | 16QAM | 6 | 0 | 22.54 | 22.71 | 22.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.54 | 22.72 | 22.25 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.66 | 22.86 | 22.34 | |
| 1.4 | 64QAM | 1 | 5 | 22.61 | 22.79 | 22.29 | |
| 1.4 | 64QAM | 3 | 0 | 22.55 | 22.70 | 22.38 | |
| 1.4 | 64QAM | 3 | 1 | 22.59 | 22.81 | 22.39 | |
| 1.4 | 64QAM | 3 | 3 | 22.56 | 22.72 | 22.34 | |
| 1.4 | 64QAM | 6 | 0 | 21.59 | 21.68 | 21.40 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.77 | 19.41 | 19.61 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.50 | 19.60 | 19.54 | |
| 1.4 | 256QAM | 1 | 5 | 19.73 | 19.62 | 19.70 | |
| 1.4 | 256QAM | 3 | 0 | 19.80 | 19.41 | 19.41 | |
| 1.4 | 256QAM | 3 | 1 | 19.48 | 19.50 | 19.55 | |
| 1.4 | 256QAM | 3 | 3 | 19.54 | 19.70 | 19.71 | |
| 1.4 | 256QAM | 6 | 0 | 19.45 | 19.44 | 19.67 | 20.7 |

## Band 4_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 23.64 | 23.69 | 23.67 | 24.8 |
| 20 | QPSK | 1 | 49 | 23.50 | 23.63 | 23.48 | |
| 20 | QPSK | 1 | 99 | 23.68 | 23.64 | 23.64 | |
| 20 | QPSK | 50 | 0 | 22.87 | 22.93 | 22.84 | 24.7 |
| 20 | QPSK | 50 | 24 | 22.95 | 22.88 | 22.75 | |
| 20 | QPSK | 50 | 50 | 22.94 | 22.88 | 22.88 | |
| 20 | QPSK | 100 | 0 | 22.97 | 22.93 | 22.88 | |
| 20 | 16QAM | 1 | 0 | 23.49 | 23.54 | 23.50 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.40 | 23.50 | 23.40 | |
| 20 | 16QAM | 1 | 99 | 23.41 | 23.46 | 23.44 | |
| 20 | 16QAM | 50 | 0 | 22.90 | 22.92 | 22.81 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.95 | 22.89 | 22.87 | |
| 20 | 16QAM | 50 | 50 | 22.91 | 22.97 | 22.89 | |
| 20 | 16QAM | 100 | 0 | 22.96 | 22.84 | 22.79 | |
| 20 | 64QAM | 1 | 0 | 21.98 | 22.04 | 22.39 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.98 | 22.82 | 22.88 | |
| 20 | 64QAM | 1 | 99 | 23.01 | 22.73 | 22.90 | |
| 20 | 64QAM | 50 | 0 | 21.60 | 21.96 | 21.67 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.96 | 21.77 | 21.86 | |
| 20 | 64QAM | 50 | 50 | 21.99 | 21.62 | 21.86 | |
| 20 | 64QAM | 100 | 0 | 21.85 | 21.79 | 21.82 | |
| 20 | 256QAM | 1 | 0 | 19.60 | 19.81 | 19.78 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.88 | 19.67 | 19.63 | |
| 20 | 256QAM | 1 | 99 | 19.81 | 19.94 | 19.89 | |
| 20 | 256QAM | 50 | 0 | 19.62 | 19.66 | 19.63 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.68 | 19.68 | 19.59 | |
| 20 | 256QAM | 50 | 50 | 19.79 | 19.73 | 19.64 | |
| 20 | 256QAM | 100 | 0 | 19.74 | 19.64 | 19.65 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 23.60 | 23.66 | 23.65 | 24.8 |
| 15 | QPSK | 1 | 37 | 23.43 | 23.63 | 23.47 | |
| 15 | QPSK | 1 | 74 | 23.64 | 23.62 | 23.58 | |
| 15 | QPSK | 36 | 0 | 22.79 | 22.93 | 22.77 | 24.7 |
| 15 | QPSK | 36 | 20 | 22.91 | 22.88 | 22.67 | |
| 15 | QPSK | 36 | 39 | 22.86 | 22.86 | 22.78 | |
| 15 | QPSK | 75 | 0 | 22.95 | 22.91 | 22.79 | |
| 15 | 16QAM | 1 | 0 | 23.42 | 23.46 | 23.48 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.35 | 23.41 | 23.37 | |
| 15 | 16QAM | 1 | 74 | 23.41 | 23.45 | 23.37 | |
| 15 | 16QAM | 36 | 0 | 22.90 | 22.91 | 22.71 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.86 | 22.87 | 22.87 | |
| 15 | 16QAM | 36 | 39 | 22.87 | 22.95 | 22.86 | |
| 15 | 16QAM | 75 | 0 | 22.91 | 22.76 | 22.74 | |
| 15 | 64QAM | 1 | 0 | 21.90 | 22.87 | 22.29 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.89 | 22.79 | 22.85 | |
| 15 | 64QAM | 1 | 74 | 22.96 | 22.69 | 22.81 | |
| 15 | 64QAM | 36 | 0 | 21.52 | 21.87 | 21.66 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.87 | 21.68 | 21.83 | |
| 15 | 64QAM | 36 | 39 | 21.97 | 21.52 | 21.84 | |
| 15 | 64QAM | 75 | 0 | 21.76 | 21.71 | 21.77 | |
| 15 | 256QAM | 1 | 0 | 19.51 | 19.78 | 19.78 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.81 | 19.60 | 19.60 | |
| 15 | 256QAM | 1 | 74 | 19.76 | 19.89 | 19.79 | |
| 15 | 256QAM | 36 | 0 | 19.61 | 19.60 | 19.55 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.59 | 19.68 | 19.54 | |
| 15 | 256QAM | 36 | 39 | 19.73 | 19.70 | 19.61 | |
| 15 | 256QAM | 75 | 0 | 19.65 | 19.60 | 19.62 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 23.62 | 23.68 | 23.65 | 24.8 |
| 10 | QPSK | 1 | 25 | 23.40 | 23.61 | 23.38 | |
| 10 | QPSK | 1 | 49 | 23.63 | 23.61 | 23.54 | |
| 10 | QPSK | 25 | 0 | 22.80 | 22.89 | 22.75 | 24.7 |
| 10 | QPSK | 25 | 12 | 22.87 | 22.81 | 22.65 | |
| 10 | QPSK | 25 | 25 | 22.92 | 22.78 | 22.88 | |
| 10 | QPSK | 50 | 0 | 22.97 | 22.84 | 22.81 | |
| 10 | 16QAM | 1 | 0 | 23.40 | 23.48 | 23.50 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.30 | 23.47 | 23.39 | |
| 10 | 16QAM | 1 | 49 | 23.31 | 23.46 | 23.43 | |
| 10 | 16QAM | 25 | 0 | 22.87 | 22.82 | 22.74 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.87 | 22.82 | 22.83 | |
| 10 | 16QAM | 25 | 25 | 22.91 | 22.90 | 22.82 | |
| 10 | 16QAM | 50 | 0 | 22.92 | 22.79 | 22.77 | |
| 10 | 64QAM | 1 | 0 | 21.97 | 22.88 | 22.33 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.91 | 22.77 | 22.83 | |
| 10 | 64QAM | 1 | 49 | 22.93 | 22.72 | 22.85 | |
| 10 | 64QAM | 25 | 0 | 21.58 | 21.88 | 21.63 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.95 | 21.72 | 21.82 | |
| 10 | 64QAM | 25 | 25 | 21.93 | 21.56 | 21.77 | |
| 10 | 64QAM | 50 | 0 | 21.76 | 21.74 | 21.77 | |
| 10 | 256QAM | 1 | 0 | 19.53 | 19.78 | 19.76 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.88 | 19.63 | 19.63 | |
| 10 | 256QAM | 1 | 49 | 19.79 | 19.91 | 19.81 | |
| 10 | 256QAM | 25 | 0 | 19.62 | 19.65 | 19.53 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.63 | 19.65 | 19.54 | |
| 10 | 256QAM | 25 | 25 | 19.71 | 19.70 | 19.59 | |
| 10 | 256QAM | 50 | 0 | 19.64 | 19.62 | 19.57 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 23.58 | 23.68 | 23.59 | 24.8 |
| 5 | QPSK | 1 | 12 | 23.49 | 23.56 | 23.44 | |
| 5 | QPSK | 1 | 24 | 23.59 | 23.59 | 23.58 | |
| 5 | QPSK | 12 | 0 | 22.78 | 22.87 | 22.81 | 24.7 |
| 5 | QPSK | 12 | 7 | 22.95 | 22.83 | 22.70 | |
| 5 | QPSK | 12 | 13 | 22.92 | 22.87 | 22.88 | |
| 5 | QPSK | 25 | 0 | 22.96 | 22.91 | 22.78 | |
| 5 | 16QAM | 1 | 0 | 23.45 | 23.44 | 23.43 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.34 | 23.43 | 23.40 | |
| 5 | 16QAM | 1 | 24 | 23.39 | 23.37 | 23.41 | |
| 5 | 16QAM | 12 | 0 | 22.81 | 22.86 | 22.80 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.91 | 22.89 | 22.79 | |
| 5 | 16QAM | 12 | 13 | 22.86 | 22.97 | 22.86 | |
| 5 | 16QAM | 25 | 0 | 22.92 | 22.81 | 22.76 | |
| 5 | 64QAM | 1 | 0 | 21.98 | 22.85 | 22.39 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.93 | 22.81 | 22.87 | |
| 5 | 64QAM | 1 | 24 | 22.96 | 22.63 | 22.88 | |
| 5 | 64QAM | 12 | 0 | 21.53 | 21.96 | 21.67 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.87 | 21.68 | 21.81 | |
| 5 | 64QAM | 12 | 13 | 21.94 | 21.56 | 21.77 | |
| 5 | 64QAM | 25 | 0 | 21.82 | 21.73 | 21.72 | |
| 5 | 256QAM | 1 | 0 | 19.60 | 19.77 | 19.73 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.84 | 19.57 | 19.61 | |
| 5 | 256QAM | 1 | 24 | 19.79 | 19.87 | 19.82 | |
| 5 | 256QAM | 12 | 0 | 19.53 | 19.62 | 19.59 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.68 | 19.57 | |
| 5 | 256QAM | 12 | 13 | 19.77 | 19.72 | 19.57 | |
| 5 | 256QAM | 25 | 0 | 19.68 | 19.61 | 19.56 | |
| Channel | | | | 19925 | 20175 | 20425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 23.62 | 23.61 | 23.65 | 24.8 |
| 3 | QPSK | 1 | 8 | 23.44 | 23.63 | 23.39 | |
| 3 | QPSK | 1 | 14 | 23.68 | 23.56 | 23.54 | |
| 3 | QPSK | 8 | 0 | 22.84 | 22.88 | 22.84 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.91 | 22.85 | 22.75 | |
| 3 | QPSK | 8 | 7 | 22.94 | 22.79 | 22.85 | |
| 3 | QPSK | 15 | 0 | 22.91 | 22.91 | 22.83 | |
| 3 | 16QAM | 1 | 0 | 23.46 | 23.50 | 23.44 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.39 | 23.45 | 23.36 | |
| 3 | 16QAM | 1 | 14 | 23.38 | 23.36 | 23.37 | |
| 3 | 16QAM | 8 | 0 | 22.82 | 22.87 | 22.71 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.95 | 22.82 | 22.81 | |
| 3 | 16QAM | 8 | 7 | 22.87 | 22.95 | 22.85 | |
| 3 | 16QAM | 15 | 0 | 22.95 | 22.76 | 22.77 | |
| 3 | 64QAM | 1 | 0 | 21.91 | 22.91 | 22.30 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.96 | 22.79 | 22.78 | |
| 3 | 64QAM | 1 | 14 | 22.96 | 22.63 | 22.80 | |
| 3 | 64QAM | 8 | 0 | 21.56 | 21.93 | 21.63 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.96 | 21.75 | 21.81 | |
| 3 | 64QAM | 8 | 7 | 21.94 | 21.62 | 21.80 | |
| 3 | 64QAM | 15 | 0 | 21.83 | 21.69 | 21.79 | |
| 3 | 256QAM | 1 | 0 | 19.56 | 19.79 | 19.72 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.85 | 19.60 | 19.63 | |
| 3 | 256QAM | 1 | 14 | 19.78 | 19.86 | 19.89 | |
| 3 | 256QAM | 8 | 0 | 19.56 | 19.60 | 19.57 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.65 | 19.64 | 19.54 | |
| 3 | 256QAM | 8 | 7 | 19.74 | 19.69 | 19.54 | |
| 3 | 256QAM | 15 | 0 | 19.73 | 19.56 | 19.63 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 23.21 | 23.23 | 23.12 | 24.8 |
| 1.4 | QPSK | 1 | 3 | 23.21 | 23.30 | 23.23 | |
| 1.4 | QPSK | 1 | 5 | 23.19 | 23.27 | 23.17 | |
| 1.4 | QPSK | 3 | 0 | 23.23 | 23.31 | 23.17 | |
| 1.4 | QPSK | 3 | 1 | 23.28 | 23.35 | 23.18 | |
| 1.4 | QPSK | 3 | 3 | 23.26 | 23.28 | 23.21 | |
| 1.4 | QPSK | 6 | 0 | 23.28 | 23.35 | 23.21 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.43 | 23.48 | 23.33 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.53 | 23.55 | 23.46 | |
| 1.4 | 16QAM | 1 | 5 | 23.48 | 23.51 | 23.34 | |
| 1.4 | 16QAM | 3 | 0 | 23.37 | 23.40 | 23.25 | |
| 1.4 | 16QAM | 3 | 1 | 23.39 | 23.47 | 23.36 | |
| 1.4 | 16QAM | 3 | 3 | 23.40 | 23.35 | 23.29 | |
| 1.4 | 16QAM | 6 | 0 | 22.83 | 22.89 | 22.75 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 21.96 | 22.66 | 22.78 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.06 | 22.72 | 22.92 | |
| 1.4 | 64QAM | 1 | 5 | 22.02 | 22.67 | 22.79 | |
| 1.4 | 64QAM | 3 | 0 | 21.99 | 22.67 | 22.74 | |
| 1.4 | 64QAM | 3 | 1 | 22.04 | 22.75 | 22.82 | |
| 1.4 | 64QAM | 3 | 3 | 21.99 | 22.64 | 22.79 | |
| 1.4 | 64QAM | 6 | 0 | 21.01 | 21.70 | 21.71 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.50 | 19.80 | 19.77 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.86 | 19.62 | 19.59 | |
| 1.4 | 256QAM | 1 | 5 | 19.76 | 19.94 | 19.86 | |
| 1.4 | 256QAM | 3 | 0 | 19.55 | 19.62 | 19.54 | |
| 1.4 | 256QAM | 3 | 1 | 19.62 | 19.64 | 19.58 | |
| 1.4 | 256QAM | 3 | 3 | 19.71 | 19.69 | 19.55 | |
| 1.4 | 256QAM | 6 | 0 | 19.65 | 19.63 | 19.65 | 20.7 |

## Band 5_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.49 | 24.54 | 24.53 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.48 | 24.52 | 24.50 | |
| 10 | QPSK | 1 | 49 | 24.56 | 24.48 | 24.43 | |
| 10 | QPSK | 25 | 0 | 23.59 | 23.64 | 23.62 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.69 | 23.65 | 23.62 | |
| 10 | QPSK | 25 | 25 | 23.63 | 23.67 | 23.62 | |
| 10 | QPSK | 50 | 0 | 23.67 | 23.64 | 23.60 | |
| 10 | 16QAM | 1 | 0 | 23.88 | 23.89 | 23.94 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.90 | 23.93 | 23.91 | |
| 10 | 16QAM | 1 | 49 | 23.95 | 23.90 | 23.81 | |
| 10 | 16QAM | 25 | 0 | 22.57 | 22.62 | 22.59 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.68 | 22.64 | 22.57 | |
| 10 | 16QAM | 25 | 25 | 22.64 | 22.63 | 22.56 | |
| 10 | 16QAM | 50 | 0 | 22.68 | 22.62 | 22.58 | |
| 10 | 64QAM | 1 | 0 | 22.68 | 22.78 | 22.79 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.82 | 22.87 | 22.82 | |
| 10 | 64QAM | 1 | 49 | 22.82 | 22.81 | 22.16 | |
| 10 | 64QAM | 25 | 0 | 21.62 | 21.66 | 21.64 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.71 | 21.69 | 21.67 | |
| 10 | 64QAM | 25 | 25 | 21.66 | 21.70 | 21.57 | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.66 | 21.62 | |
| 10 | 256QAM | 1 | 0 | 19.40 | 19.53 | 19.52 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.44 | 19.45 | 19.44 | |
| 10 | 256QAM | 1 | 49 | 19.52 | 19.48 | 19.37 | |
| 10 | 256QAM | 25 | 0 | 19.41 | 19.41 | 19.43 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.44 | 19.29 | 19.32 | |
| 10 | 256QAM | 25 | 25 | 19.34 | 19.38 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.44 | 19.37 | 19.36 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.54 | 24.52 | 24.48 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.50 | 24.53 | 24.48 | |
| 5 | QPSK | 1 | 24 | 24.46 | 24.48 | 24.48 | |
| 5 | QPSK | 12 | 0 | 23.59 | 23.70 | 23.61 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.66 | 23.67 | 23.55 | |
| 5 | QPSK | 12 | 13 | 23.60 | 23.65 | 23.54 | |
| 5 | QPSK | 25 | 0 | 23.63 | 23.69 | 23.55 | |
| 5 | 16QAM | 1 | 0 | 23.90 | 23.95 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.89 | 23.95 | 23.83 | |
| 5 | 16QAM | 1 | 24 | 23.89 | 23.91 | 23.78 | |
| 5 | 16QAM | 12 | 0 | 22.64 | 22.72 | 22.61 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.69 | 22.58 | |
| 5 | 16QAM | 12 | 13 | 22.61 | 22.67 | 22.57 | |
| 5 | 16QAM | 25 | 0 | 22.69 | 22.71 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.90 | 22.82 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.80 | 22.86 | 22.47 | |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.86 | 22.12 | |
| 5 | 64QAM | 12 | 0 | 21.69 | 21.75 | 21.67 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.73 | 21.75 | 21.41 | |
| 5 | 64QAM | 12 | 13 | 21.66 | 21.70 | 21.22 | |
| 5 | 64QAM | 25 | 0 | 21.69 | 21.74 | 21.45 | |
| 5 | 256QAM | 1 | 0 | 19.33 | 19.49 | 19.44 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.40 | 19.41 | 19.41 | |
| 5 | 256QAM | 1 | 24 | 19.50 | 19.48 | 19.34 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.32 | 19.43 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.28 | 19.30 | |
| 5 | 256QAM | 12 | 13 | 19.33 | 19.28 | 19.18 | |
| 5 | 256QAM | 25 | 0 | 19.34 | 19.37 | 19.31 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.80 | 23.87 | 23.85 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.87 | 23.94 | 23.83 | |
| 3 | QPSK | 1 | 14 | 23.79 | 23.83 | 23.71 | |
| 3 | QPSK | 8 | 0 | 22.89 | 22.93 | 22.87 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.95 | 23.01 | 22.87 | |
| 3 | QPSK | 8 | 7 | 22.88 | 22.93 | 22.83 | |
| 3 | QPSK | 15 | 0 | 22.90 | 22.97 | 22.86 | |
| 3 | 16QAM | 1 | 0 | 23.13 | 23.17 | 23.17 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.26 | 23.30 | 23.13 | |
| 3 | 16QAM | 1 | 14 | 23.11 | 23.18 | 23.03 | |
| 3 | 16QAM | 8 | 0 | 21.95 | 22.00 | 21.94 | 23.7 |
| 3 | 16QAM | 8 | 4 | 21.98 | 22.06 | 21.96 | |
| 3 | 16QAM | 8 | 7 | 21.95 | 21.98 | 21.87 | |
| 3 | 16QAM | 15 | 0 | 21.96 | 22.01 | 21.89 | |
| 3 | 64QAM | 1 | 0 | 23.03 | 22.15 | 21.90 | 23.7 |
| 3 | 64QAM | 1 | 8 | 23.13 | 22.21 | 21.71 | |
| 3 | 64QAM | 1 | 14 | 23.02 | 22.09 | 21.70 | |
| 3 | 64QAM | 8 | 0 | 21.90 | 21.00 | 20.76 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.94 | 21.03 | 21.76 | |
| 3 | 64QAM | 8 | 7 | 21.89 | 20.98 | 21.71 | |
| 3 | 64QAM | 15 | 0 | 21.92 | 20.98 | 21.72 | |
| 3 | 256QAM | 1 | 0 | 19.40 | 19.45 | 19.46 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.38 | 19.39 | 19.44 | |
| 3 | 256QAM | 1 | 14 | 19.46 | 19.47 | 19.29 | |
| 3 | 256QAM | 8 | 0 | 19.36 | 19.41 | 19.33 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.35 | 19.19 | 19.27 | |
| 3 | 256QAM | 8 | 7 | 19.33 | 19.33 | 19.20 | |
| 3 | 256QAM | 15 | 0 | 19.38 | 19.36 | 19.31 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.71 | 23.79 | 23.70 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.80 | 23.86 | 23.76 | |
| 1.4 | QPSK | 1 | 5 | 23.70 | 23.80 | 23.71 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.80 | 23.75 | |
| 1.4 | QPSK | 3 | 1 | 23.83 | 23.89 | 23.80 | |
| 1.4 | QPSK | 3 | 3 | 23.78 | 23.81 | 23.72 | |
| 1.4 | QPSK | 6 | 0 | 22.83 | 22.91 | 22.77 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.05 | 23.11 | 23.07 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.14 | 23.21 | 23.12 | |
| 1.4 | 16QAM | 1 | 5 | 23.07 | 23.12 | 23.00 | |
| 1.4 | 16QAM | 3 | 0 | 22.89 | 22.89 | 22.82 | |
| 1.4 | 16QAM | 3 | 1 | 22.93 | 23.00 | 22.85 | |
| 1.4 | 16QAM | 3 | 3 | 22.83 | 22.91 | 22.78 | |
| 1.4 | 16QAM | 6 | 0 | 21.91 | 21.99 | 21.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 21.96 | 22.04 | 21.72 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.10 | 22.15 | 21.78 | |
| 1.4 | 64QAM | 1 | 5 | 22.00 | 22.04 | 21.72 | |
| 1.4 | 64QAM | 3 | 0 | 21.99 | 21.97 | 21.73 | |
| 1.4 | 64QAM | 3 | 1 | 21.94 | 22.00 | 21.73 | |
| 1.4 | 64QAM | 3 | 3 | 21.89 | 21.93 | 21.73 | |
| 1.4 | 64QAM | 6 | 0 | 20.78 | 20.84 | 20.74 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.40 | 19.48 | 19.47 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.37 | 19.41 | 19.41 | |
| 1.4 | 256QAM | 1 | 5 | 19.47 | 19.47 | 19.27 | |
| 1.4 | 256QAM | 3 | 0 | 19.31 | 19.39 | 19.38 | |
| 1.4 | 256QAM | 3 | 1 | 19.44 | 19.26 | 19.26 | |
| 1.4 | 256QAM | 3 | 3 | 19.27 | 19.38 | 19.23 | |
| 1.4 | 256QAM | 6 | 0 | 19.38 | 19.36 | 19.30 | 20.7 |

## Band 7_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 22.75 | 22.96 | 22.84 | 24.1 |
| 20 | QPSK | 1 | 49 | 22.65 | 22.81 | 22.88 | |
| 20 | QPSK | 1 | 99 | 22.77 | 22.97 | 22.91 | |
| 20 | QPSK | 50 | 0 | 22.44 | 22.67 | 22.84 | 24.1 |
| 20 | QPSK | 50 | 24 | 22.58 | 22.63 | 22.85 | |
| 20 | QPSK | 50 | 50 | 22.59 | 22.87 | 22.86 | |
| 20 | QPSK | 100 | 0 | 22.56 | 22.72 | 22.86 | |
| 20 | 16QAM | 1 | 0 | 22.57 | 22.72 | 23.10 | 24.1 |
| 20 | 16QAM | 1 | 49 | 22.54 | 22.79 | 22.91 | |
| 20 | 16QAM | 1 | 99 | 22.69 | 22.91 | 22.83 | |
| 20 | 16QAM | 50 | 0 | 22.45 | 22.69 | 22.85 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.57 | 22.69 | 22.84 | |
| 20 | 16QAM | 50 | 50 | 22.58 | 22.84 | 22.89 | |
| 20 | 16QAM | 100 | 0 | 22.56 | 22.70 | 22.83 | |
| 20 | 64QAM | 1 | 0 | 22.56 | 22.70 | 22.89 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.53 | 22.78 | 22.82 | |
| 20 | 64QAM | 1 | 99 | 22.62 | 22.82 | 22.11 | |
| 20 | 64QAM | 50 | 0 | 21.93 | 22.15 | 22.26 | 22.7 |
| 20 | 64QAM | 50 | 24 | 22.03 | 22.15 | 22.08 | |
| 20 | 64QAM | 50 | 50 | 22.06 | 22.23 | 22.20 | |
| 20 | 64QAM | 100 | 0 | 22.02 | 22.13 | 22.18 | |
| 20 | 256QAM | 1 | 0 | 19.76 | 19.77 | 19.69 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.81 | 19.71 | 19.68 | |
| 20 | 256QAM | 1 | 99 | 19.69 | 19.75 | 19.72 | |
| 20 | 256QAM | 50 | 0 | 19.62 | 19.60 | 19.64 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.68 | 19.59 | 19.61 | |
| 20 | 256QAM | 50 | 50 | 19.71 | 19.67 | 19.66 | |
| 20 | 256QAM | 100 | 0 | 19.79 | 19.62 | 19.60 | |
| Channel | | | | 20525 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 22.66 | 22.96 | 22.80 | 24.1 |
| 15 | QPSK | 1 | 37 | 22.65 | 22.81 | 23.00 | |
| 15 | QPSK | 1 | 74 | 22.71 | 22.92 | 22.74 | |
| 15 | QPSK | 36 | 0 | 22.34 | 22.63 | 22.83 | 24.1 |
| 15 | QPSK | 36 | 20 | 22.53 | 22.62 | 22.84 | |
| 15 | QPSK | 36 | 39 | 22.50 | 22.78 | 22.82 | |
| 15 | QPSK | 75 | 0 | 22.52 | 22.72 | 22.84 | |
| 15 | 16QAM | 1 | 0 | 22.53 | 22.69 | 23.08 | 24.1 |
| 15 | 16QAM | 1 | 37 | 22.49 | 22.79 | 22.88 | |
| 15 | 16QAM | 1 | 74 | 22.64 | 22.82 | 22.77 | |
| 15 | 16QAM | 36 | 0 | 22.38 | 22.62 | 22.83 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.54 | 22.67 | 22.74 | |
| 15 | 16QAM | 36 | 39 | 22.52 | 22.77 | 22.88 | |
| 15 | 16QAM | 75 | 0 | 22.52 | 22.61 | 22.75 | |
| 15 | 64QAM | 1 | 0 | 22.49 | 22.60 | 22.89 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.43 | 22.72 | 22.77 | |
| 15 | 64QAM | 1 | 74 | 22.55 | 22.81 | 22.02 | |
| 15 | 64QAM | 36 | 0 | 21.85 | 22.14 | 22.26 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.94 | 22.11 | 22.05 | |
| 15 | 64QAM | 36 | 39 | 22.01 | 22.19 | 22.14 | |
| 15 | 64QAM | 75 | 0 | 21.94 | 22.05 | 22.15 | |
| 15 | 256QAM | 1 | 0 | 19.67 | 19.74 | 19.66 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.72 | 19.63 | 19.65 | |
| 15 | 256QAM | 1 | 74 | 19.89 | 19.69 | 19.72 | |
| 15 | 256QAM | 36 | 0 | 19.56 | 19.55 | 19.59 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.67 | 19.51 | 19.57 | |
| 15 | 256QAM | 36 | 39 | 19.67 | 19.58 | 19.64 | |
| 15 | 256QAM | 75 | 0 | 19.74 | 19.55 | 19.57 | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 22.72 | 22.96 | 22.78 | 24.1 |
| 10 | QPSK | 1 | 25 | 22.60 | 22.78 | 22.94 | |
| 10 | QPSK | 1 | 49 | 22.71 | 22.87 | 22.81 | |
| 10 | QPSK | 25 | 0 | 22.41 | 22.63 | 22.81 | 24.1 |
| 10 | QPSK | 25 | 12 | 22.52 | 22.60 | 22.77 | |
| 10 | QPSK | 25 | 25 | 22.51 | 22.78 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.49 | 22.64 | 22.79 | |
| 10 | 16QAM | 1 | 0 | 22.49 | 22.68 | 23.06 | 24.1 |
| 10 | 16QAM | 1 | 25 | 22.49 | 22.75 | 22.91 | |
| 10 | 16QAM | 1 | 49 | 22.64 | 22.87 | 22.80 | |
| 10 | 16QAM | 25 | 0 | 22.40 | 22.62 | 22.81 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.56 | 22.68 | 22.76 | |
| 10 | 16QAM | 25 | 25 | 22.52 | 22.77 | 22.88 | |
| 10 | 16QAM | 50 | 0 | 22.56 | 22.65 | 22.82 | |
| 10 | 64QAM | 1 | 0 | 22.56 | 22.60 | 22.82 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.46 | 22.69 | 22.78 | |
| 10 | 64QAM | 1 | 49 | 22.60 | 22.78 | 22.06 | |
| 10 | 64QAM | 25 | 0 | 21.85 | 22.07 | 22.26 | 22.7 |
| 10 | 64QAM | 25 | 12 | 22.00 | 22.11 | 21.99 | |
| 10 | 64QAM | 25 | 25 | 21.98 | 22.16 | 22.11 | |
| 10 | 64QAM | 50 | 0 | 21.97 | 22.13 | 22.12 | |
| 10 | 256QAM | 1 | 0 | 19.72 | 19.70 | 19.62 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.71 | 19.65 | 19.61 | |
| 10 | 256QAM | 1 | 49 | 19.88 | 19.68 | 19.70 | |
| 10 | 256QAM | 25 | 0 | 19.58 | 19.57 | 19.57 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.64 | 19.50 | 19.58 | |
| 10 | 256QAM | 25 | 25 | 19.64 | 19.60 | 19.66 | |
| 10 | 256QAM | 50 | 0 | 19.71 | 19.61 | 19.56 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 22.66 | 22.91 | 22.80 | 24.1 |
| 5 | QPSK | 1 | 12 | 22.64 | 22.77 | 23.01 | |
| 5 | QPSK | 1 | 24 | 22.69 | 22.91 | 22.73 | |
| 5 | QPSK | 12 | 0 | 22.42 | 22.90 | 22.74 | 24.1 |
| 5 | QPSK | 12 | 7 | 22.51 | 22.54 | 22.84 | |
| 5 | QPSK | 12 | 13 | 22.54 | 22.73 | 22.77 | |
| 5 | QPSK | 25 | 0 | 22.55 | 22.66 | 22.82 | |
| 5 | 16QAM | 1 | 0 | 22.47 | 22.64 | 23.09 | 24.1 |
| 5 | 16QAM | 1 | 12 | 22.49 | 22.79 | 22.86 | |
| 5 | 16QAM | 1 | 24 | 22.66 | 22.88 | 22.81 | |
| 5 | 16QAM | 12 | 0 | 22.45 | 22.64 | 22.79 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.51 | 22.64 | 22.83 | |
| 5 | 16QAM | 12 | 13 | 22.52 | 22.83 | 22.82 | |
| 5 | 16QAM | 25 | 0 | 22.51 | 22.64 | 22.83 | |
| 5 | 64QAM | 1 | 0 | 22.47 | 22.69 | 22.82 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.52 | 22.73 | 22.81 | |
| 5 | 64QAM | 1 | 24 | 22.62 | 22.73 | 22.02 | |
| 5 | 64QAM | 12 | 0 | 21.89 | 22.05 | 22.26 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.95 | 22.08 | 21.98 | |
| 5 | 64QAM | 12 | 13 | 21.96 | 22.19 | 22.19 | |
| 5 | 64QAM | 25 | 0 | 21.96 | 22.07 | 22.10 | |
| 5 | 256QAM | 1 | 0 | 19.68 | 19.68 | 19.66 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.79 | 19.68 | 19.58 | |
| 5 | 256QAM | 1 | 24 | 19.82 | 19.71 | 19.66 | |
| 5 | 256QAM | 12 | 0 | 19.58 | 19.51 | 19.58 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.63 | 19.57 | 19.55 | |
| 5 | 256QAM | 12 | 13 | 19.66 | 19.60 | 19.60 | |
| 5 | 256QAM | 25 | 0 | 19.71 | 19.57 | 19.54 | |

## Band 12_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.64 | 24.53 | 24.59 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.59 | 24.60 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.67 | 24.63 | 24.60 | |
| 10 | QPSK | 25 | 0 | 23.72 | 23.74 | 23.71 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.73 | 23.72 | |
| 10 | QPSK | 25 | 25 | 23.77 | 23.79 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.79 | 23.71 | 23.73 | |
| 10 | 16QAM | 1 | 0 | 23.96 | 23.95 | 23.97 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.97 | 23.99 | 24.01 | |
| 10 | 16QAM | 1 | 49 | 24.06 | 24.01 | 24.04 | |
| 10 | 16QAM | 25 | 0 | 22.71 | 22.73 | 22.74 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.73 | 22.75 | |
| 10 | 16QAM | 25 | 25 | 22.72 | 22.80 | 22.77 | |
| 10 | 16QAM | 50 | 0 | 22.75 | 22.72 | 22.74 | |
| 10 | 64QAM | 1 | 0 | 22.87 | 22.80 | 22.83 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.88 | 22.92 | 22.96 | |
| 10 | 64QAM | 1 | 49 | 22.95 | 22.91 | 22.94 | |
| 10 | 64QAM | 25 | 0 | 21.76 | 21.74 | 21.76 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.77 | 21.78 | |
| 10 | 64QAM | 25 | 25 | 21.79 | 21.81 | 21.80 | |
| 10 | 64QAM | 50 | 0 | 21.82 | 21.77 | 21.77 | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.54 | 19.50 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.66 | 19.57 | 19.56 | |
| 10 | 256QAM | 1 | 49 | 19.62 | 19.68 | 19.64 | |
| 10 | 256QAM | 25 | 0 | 19.52 | 19.54 | 19.55 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.60 | 19.49 | 19.45 | |
| 10 | 256QAM | 25 | 25 | 19.42 | 19.47 | 19.55 | |
| 10 | 256QAM | 50 | 0 | 19.53 | 19.51 | 19.51 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.65 | 24.66 | 24.60 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.65 | 24.60 | 24.60 | |
| 5 | QPSK | 1 | 24 | 24.64 | 24.65 | 24.64 | |
| 5 | QPSK | 12 | 0 | 23.75 | 23.73 | 23.73 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.76 | 23.80 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.70 | 23.74 | 23.72 | |
| 5 | QPSK | 25 | 0 | 23.73 | 23.71 | 23.71 | |
| 5 | 16QAM | 1 | 0 | 23.98 | 23.99 | 23.97 | 24.7 |
| 5 | 16QAM | 1 | 12 | 24.01 | 24.01 | 23.99 | |
| 5 | 16QAM | 1 | 24 | 24.02 | 24.01 | 23.97 | |
| 5 | 16QAM | 12 | 0 | 22.83 | 22.78 | 22.78 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.78 | 22.80 | 22.74 | |
| 5 | 16QAM | 12 | 13 | 22.75 | 22.75 | 22.75 | |
| 5 | 16QAM | 25 | 0 | 22.76 | 22.71 | 22.70 | |
| 5 | 64QAM | 1 | 0 | 22.96 | 22.95 | 22.88 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.92 | 22.93 | 22.94 | |
| 5 | 64QAM | 1 | 24 | 22.96 | 22.98 | 22.92 | |
| 5 | 64QAM | 12 | 0 | 21.86 | 21.82 | 21.82 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.83 | 21.83 | 21.78 | |
| 5 | 64QAM | 12 | 13 | 21.76 | 21.80 | 21.77 | |
| 5 | 64QAM | 25 | 0 | 21.78 | 21.74 | 21.74 | |
| 5 | 256QAM | 1 | 0 | 19.36 | 19.46 | 19.48 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.60 | 19.49 | 19.52 | |
| 5 | 256QAM | 1 | 24 | 19.52 | 19.68 | 19.59 | |
| 5 | 256QAM | 12 | 0 | 19.45 | 19.52 | 19.50 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.51 | 19.48 | 19.42 | |
| 5 | 256QAM | 12 | 13 | 19.36 | 19.37 | 19.54 | |
| 5 | 256QAM | 25 | 0 | 19.53 | 19.49 | 19.48 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 23.92 | 23.88 | 23.86 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.92 | 23.95 | 23.93 | |
| 3 | QPSK | 1 | 14 | 23.85 | 23.90 | 23.84 | |
| 3 | QPSK | 8 | 0 | 22.99 | 22.97 | 22.94 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.96 | 23.00 | 22.97 | |
| 3 | QPSK | 8 | 7 | 22.94 | 22.97 | 22.92 | |
| 3 | QPSK | 15 | 0 | 22.96 | 22.92 | 22.92 | |
| 3 | 16QAM | 1 | 0 | 23.26 | 23.19 | 23.22 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.31 | 23.31 | 23.29 | |
| 3 | 16QAM | 1 | 14 | 23.18 | 23.22 | 23.19 | |
| 3 | 16QAM | 8 | 0 | 22.06 | 22.01 | 22.00 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.05 | 22.06 | 22.04 | |
| 3 | 16QAM | 8 | 7 | 22.00 | 22.06 | 21.98 | |
| 3 | 16QAM | 15 | 0 | 22.01 | 21.95 | 21.94 | |
| 3 | 64QAM | 1 | 0 | 22.21 | 22.14 | 22.14 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.24 | 22.23 | 22.20 | |
| 3 | 64QAM | 1 | 14 | 22.15 | 22.16 | 22.12 | |
| 3 | 64QAM | 8 | 0 | 21.03 | 21.03 | 20.96 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.06 | 21.07 | 21.04 | |
| 3 | 64QAM | 8 | 7 | 20.99 | 21.02 | 20.99 | |
| 3 | 64QAM | 15 | 0 | 21.00 | 20.95 | 20.93 | |
| 3 | 256QAM | 1 | 0 | 19.32 | 19.45 | 19.43 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.58 | 19.50 | 19.48 | |
| 3 | 256QAM | 1 | 14 | 19.60 | 19.67 | 19.56 | |
| 3 | 256QAM | 8 | 0 | 19.49 | 19.44 | 19.45 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.53 | 19.46 | 19.39 | |
| 3 | 256QAM | 8 | 7 | 19.42 | 19.37 | 19.53 | |
| 3 | 256QAM | 15 | 0 | 19.51 | 19.44 | 19.45 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 23.76 | 23.71 | 23.73 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.78 | 23.80 | 23.80 | |
| 1.4 | QPSK | 1 | 5 | 23.72 | 23.73 | 23.71 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.76 | 23.77 | |
| 1.4 | QPSK | 3 | 1 | 23.84 | 23.78 | 23.79 | |
| 1.4 | QPSK | 3 | 3 | 23.74 | 23.78 | 23.74 | |
| 1.4 | QPSK | 6 | 0 | 22.83 | 22.84 | 22.81 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.08 | 23.07 | 23.09 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.12 | 23.14 | 23.10 | |
| 1.4 | 16QAM | 1 | 5 | 23.06 | 23.05 | 23.03 | |
| 1.4 | 16QAM | 3 | 0 | 22.89 | 22.84 | 22.86 | |
| 1.4 | 16QAM | 3 | 1 | 22.94 | 22.86 | 22.89 | |
| 1.4 | 16QAM | 3 | 3 | 22.84 | 22.83 | 22.82 | |
| 1.4 | 16QAM | 6 | 0 | 21.88 | 21.90 | 21.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.01 | 21.98 | 21.99 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.06 | 22.09 | 22.03 | |
| 1.4 | 64QAM | 1 | 5 | 22.03 | 22.02 | 21.97 | |
| 1.4 | 64QAM | 3 | 0 | 21.98 | 21.94 | 21.98 | |
| 1.4 | 64QAM | 3 | 1 | 22.02 | 21.97 | 22.09 | |
| 1.4 | 64QAM | 3 | 3 | 21.94 | 21.95 | 21.95 | |
| 1.4 | 64QAM | 6 | 0 | 20.86 | 20.86 | 20.83 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.38 | 19.48 | 19.42 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.57 | 19.54 | 19.58 | |
| 1.4 | 256QAM | 1 | 5 | 19.58 | 19.67 | 19.56 | |
| 1.4 | 256QAM | 3 | 0 | 19.42 | 19.45 | 19.51 | |
| 1.4 | 256QAM | 3 | 1 | 19.56 | 19.41 | 19.35 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.44 | 19.52 | |
| 1.4 | 256QAM | 6 | 0 | 19.47 | 19.48 | 19.50 | 20.7 |

| Band 13_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23230 | | |
| Frequency (MHz) | | | | | 782 | | |
| 10 | QPSK | 1 | 0 | | 23.98 | | 25.2 |
| 10 | QPSK | 1 | 25 | | 24.02 | | |
| 10 | QPSK | 1 | 49 | | 24.10 | | |
| 10 | QPSK | 25 | 0 | | 23.16 | | 24.2 |
| 10 | QPSK | 25 | 12 | | 23.17 | | |
| 10 | QPSK | 25 | 25 | | 23.19 | | |
| 10 | QPSK | 50 | 0 | | 23.18 | | |
| 10 | 16QAM | 1 | 0 | | 23.38 | | 24.2 |
| 10 | 16QAM | 1 | 25 | | 23.37 | | |
| 10 | 16QAM | 1 | 49 | | 23.40 | | |
| 10 | 16QAM | 25 | 0 | | 22.17 | | 23.2 |
| 10 | 16QAM | 25 | 12 | | 22.20 | | |
| 10 | 16QAM | 25 | 25 | | 22.22 | | |
| 10 | 16QAM | 50 | 0 | | 22.19 | | |
| 10 | 64QAM | 1 | 0 | | 22.21 | | 23.2 |
| 10 | 64QAM | 1 | 25 | | 22.32 | | |
| 10 | 64QAM | 1 | 49 | | 22.34 | | |
| 10 | 64QAM | 25 | 0 | | 21.17 | | 22.2 |
| 10 | 64QAM | 25 | 12 | | 21.24 | | |
| 10 | 64QAM | 25 | 25 | | 21.23 | | |
| 10 | 64QAM | 50 | 0 | | 21.23 | | |
| 10 | 256QAM | 1 | 0 | | 18.61 | | 20.2 |
| 10 | 256QAM | 1 | 25 | | 18.97 | | |
| 10 | 256QAM | 1 | 49 | | 19.01 | | |
| 10 | 256QAM | 25 | 0 | | 18.78 | | 20.2 |
| 10 | 256QAM | 25 | 12 | | 18.86 | | |
| 10 | 256QAM | 25 | 25 | | 18.89 | | |
| 10 | 256QAM | 50 | 0 | | 18.84 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 23.93 | 23.98 | 23.74 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.04 | 24.07 | 23.77 | |
| 5 | QPSK | 1 | 24 | 24.07 | 24.08 | 23.83 | |
| 5 | QPSK | 12 | 0 | 23.10 | 23.13 | 22.85 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.16 | 23.15 | 22.93 | |
| 5 | QPSK | 12 | 13 | 23.19 | 23.21 | 22.89 | |
| 5 | QPSK | 25 | 0 | 23.18 | 23.14 | 22.99 | |
| 5 | 16QAM | 1 | 0 | 23.31 | 23.29 | 23.01 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.29 | 23.33 | 23.04 | |
| 5 | 16QAM | 1 | 24 | 23.37 | 23.36 | 23.04 | |
| 5 | 16QAM | 12 | 0 | 22.20 | 22.17 | 21.92 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.20 | 22.17 | 21.95 | |
| 5 | 16QAM | 12 | 13 | 22.21 | 22.23 | 21.94 | |
| 5 | 16QAM | 25 | 0 | 22.23 | 22.16 | 21.92 | |
| 5 | 64QAM | 1 | 0 | 22.19 | 22.26 | 21.94 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.25 | 22.29 | 22.01 | |
| 5 | 64QAM | 1 | 24 | 22.29 | 22.32 | 22.02 | |
| 5 | 64QAM | 12 | 0 | 21.22 | 21.23 | 20.96 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.26 | 21.21 | 20.98 | |
| 5 | 64QAM | 12 | 13 | 21.25 | 21.26 | 20.95 | |
| 5 | 64QAM | 25 | 0 | 21.26 | 21.17 | 20.96 | |
| 5 | 256QAM | 1 | 0 | 18.55 | 18.57 | 18.59 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.93 | 18.96 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.98 | 18.99 | 18.96 | |
| 5 | 256QAM | 12 | 0 | 18.77 | 18.69 | 18.74 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.83 | 18.76 | 18.79 | |
| 5 | 256QAM | 12 | 13 | 18.82 | 18.84 | 18.79 | |
| 5 | 256QAM | 25 | 0 | 18.77 | 18.77 | 18.74 | |

| Band 14_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23330 | | |
| Frequency (MHz) | | | | | 793 | | |
| 10 | QPSK | 1 | 0 | | 24.59 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 24.53 | | |
| 10 | QPSK | 1 | 49 | | 24.48 | | |
| 10 | QPSK | 25 | 0 | | 23.55 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 23.57 | | |
| 10 | QPSK | 25 | 25 | | 23.63 | | |
| 10 | QPSK | 50 | 0 | | 23.55 | | |
| 10 | 16QAM | 1 | 0 | | 23.96 | | 24.7 |
| 10 | 16QAM | 1 | 25 | | 23.91 | | |
| 10 | 16QAM | 1 | 49 | | 23.86 | | |
| 10 | 16QAM | 25 | 0 | | 22.54 | | 23.7 |
| 10 | 16QAM | 25 | 12 | | 22.57 | | |
| 10 | 16QAM | 25 | 25 | | 22.64 | | |
| 10 | 16QAM | 50 | 0 | | 22.55 | | |
| 10 | 64QAM | 1 | 0 | | 22.79 | | 23.7 |
| 10 | 64QAM | 1 | 25 | | 22.84 | | |
| 10 | 64QAM | 1 | 49 | | 22.79 | | |
| 10 | 64QAM | 25 | 0 | | 21.58 | | 22.7 |
| 10 | 64QAM | 25 | 12 | | 21.61 | | |
| 10 | 64QAM | 25 | 25 | | 21.63 | | |
| 10 | 64QAM | 50 | 0 | | 21.59 | | |
| 10 | 256QAM | 1 | 0 | | 19.53 | | 20.7 |
| 10 | 256QAM | 1 | 25 | | 19.37 | | |
| 10 | 256QAM | 1 | 49 | | 19.55 | | |
| 10 | 256QAM | 25 | 0 | | 19.29 | | 20.7 |
| 10 | 256QAM | 25 | 12 | | 19.34 | | |
| 10 | 256QAM | 25 | 25 | | 19.33 | | |
| 10 | 256QAM | 50 | 0 | | 19.25 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.48 | 24.45 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.56 | 24.53 | 24.58 | |
| 5 | QPSK | 1 | 24 | 24.55 | 24.55 | 24.48 | |
| 5 | QPSK | 12 | 0 | 23.62 | 23.54 | 23.51 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.66 | 23.66 | 23.60 | |
| 5 | QPSK | 12 | 13 | 23.61 | 23.60 | 23.58 | |
| 5 | QPSK | 25 | 0 | 23.59 | 23.54 | 23.52 | |
| 5 | 16QAM | 1 | 0 | 23.82 | 23.82 | 23.78 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.90 | 23.92 | 23.86 | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.88 | 23.79 | |
| 5 | 16QAM | 12 | 0 | 22.64 | 22.61 | 22.53 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.69 | 22.66 | |
| 5 | 16QAM | 12 | 13 | 22.60 | 22.63 | 22.58 | |
| 5 | 16QAM | 25 | 0 | 22.62 | 22.58 | 22.56 | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.77 | 22.77 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.83 | 22.85 | 22.84 | |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.82 | 22.80 | |
| 5 | 64QAM | 12 | 0 | 21.71 | 21.60 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.69 | 21.70 | 21.68 | |
| 5 | 64QAM | 12 | 13 | 21.63 | 21.66 | 21.61 | |
| 5 | 64QAM | 25 | 0 | 21.65 | 21.61 | 21.54 | |
| 5 | 256QAM | 1 | 0 | 19.47 | 19.49 | 19.53 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.31 | 19.33 | 19.28 | |
| 5 | 256QAM | 1 | 24 | 19.46 | 19.52 | 19.52 | |
| 5 | 256QAM | 12 | 0 | 19.19 | 19.27 | 19.27 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.28 | 19.26 | 19.34 | |
| 5 | 256QAM | 12 | 13 | 19.33 | 19.30 | 19.33 | |
| 5 | 256QAM | 25 | 0 | 19.21 | 19.19 | 19.15 | |

| Band 17_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 24.56 | 24.56 | 24.53 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.56 | 24.64 | 24.60 | |
| 10 | QPSK | 1 | 49 | 24.62 | 24.65 | 24.62 | |
| 10 | QPSK | 25 | 0 | 23.64 | 23.66 | 23.65 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.73 | 23.71 | |
| 10 | QPSK | 25 | 25 | 23.80 | 23.79 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.69 | 23.72 | 23.69 | |
| 10 | 16QAM | 1 | 0 | 23.90 | 23.92 | 23.91 | 24.7 |
| 10 | 16QAM | 1 | 25 | 24.01 | 24.01 | 24.00 | |
| 10 | 16QAM | 1 | 49 | 24.01 | 24.02 | 24.02 | |
| 10 | 16QAM | 25 | 0 | 22.65 | 22.64 | 22.64 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.78 | 22.71 | 22.71 | |
| 10 | 16QAM | 25 | 25 | 22.77 | 22.81 | 22.76 | |
| 10 | 16QAM | 50 | 0 | 22.69 | 22.70 | 22.67 | |
| 10 | 64QAM | 1 | 0 | 22.80 | 22.79 | 22.74 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.92 | 22.97 | 22.90 | |
| 10 | 64QAM | 1 | 49 | 22.52 | 22.58 | 22.63 | |
| 10 | 64QAM | 25 | 0 | 21.67 | 21.67 | 21.67 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.78 | 21.76 | |
| 10 | 64QAM | 25 | 25 | 21.80 | 21.82 | 21.82 | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.71 | 21.71 | |
| 10 | 256QAM | 1 | 0 | 19.44 | 19.37 | 19.33 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.50 | 19.48 | 19.51 | |
| 10 | 256QAM | 1 | 49 | 19.58 | 19.60 | 19.66 | |
| 10 | 256QAM | 25 | 0 | 19.46 | 19.44 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.56 | 19.52 | 19.43 | |
| 10 | 256QAM | 25 | 25 | 19.56 | 19.54 | 19.52 | |
| 10 | 256QAM | 50 | 0 | 19.45 | 19.48 | 19.45 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.57 | 24.56 | 24.55 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.60 | 24.61 | 24.63 | |
| 5 | QPSK | 1 | 24 | 24.64 | 24.61 | 24.64 | |
| 5 | QPSK | 12 | 0 | 23.67 | 23.69 | 23.66 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.78 | 23.74 | 23.69 | |
| 5 | QPSK | 12 | 13 | 23.77 | 23.76 | 23.73 | |
| 5 | QPSK | 25 | 0 | 23.75 | 23.75 | 23.65 | |
| 5 | 16QAM | 1 | 0 | 23.91 | 23.93 | 23.91 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.03 | 23.98 | |
| 5 | 16QAM | 1 | 24 | 24.06 | 24.04 | 24.01 | |
| 5 | 16QAM | 12 | 0 | 22.70 | 22.72 | 22.72 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.74 | 22.73 | |
| 5 | 16QAM | 12 | 13 | 22.78 | 22.77 | 22.74 | |
| 5 | 16QAM | 25 | 0 | 22.74 | 22.75 | 22.69 | |
| 5 | 64QAM | 1 | 0 | 22.89 | 22.87 | 22.88 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.90 | 22.96 | 22.90 | |
| 5 | 64QAM | 1 | 24 | 22.94 | 23.00 | 22.93 | |
| 5 | 64QAM | 12 | 0 | 21.73 | 21.77 | 21.78 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.81 | 21.79 | 21.73 | |
| 5 | 64QAM | 12 | 13 | 21.79 | 21.85 | 21.75 | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.74 | 21.70 | |
| 5 | 256QAM | 1 | 0 | 19.41 | 19.29 | 19.24 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.49 | 19.46 | 19.44 | |
| 5 | 256QAM | 1 | 24 | 19.48 | 19.59 | 19.60 | |
| 5 | 256QAM | 12 | 0 | 19.39 | 19.34 | 19.41 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.58 | 19.47 | 19.40 | |
| 5 | 256QAM | 12 | 13 | 19.53 | 19.54 | 19.52 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.41 | 19.45 | |

## Band 25_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 22.89 | 22.97 | 23.10 | 24.8 |
| 20 | QPSK | 1 | 49 | 22.89 | 23.01 | 23.02 | |
| 20 | QPSK | 1 | 99 | 22.96 | 23.13 | 23.14 | |
| 20 | QPSK | 50 | 0 | 22.97 | 23.11 | 23.20 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.12 | 23.19 | 23.20 | |
| 20 | QPSK | 50 | 50 | 23.13 | 23.20 | 23.27 | |
| 20 | QPSK | 100 | 0 | 23.13 | 23.18 | 23.25 | |
| 20 | 16QAM | 1 | 0 | 23.27 | 23.25 | 23.34 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.30 | 23.26 | 23.36 | |
| 20 | 16QAM | 1 | 99 | 23.32 | 23.43 | 23.35 | |
| 20 | 16QAM | 50 | 0 | 22.73 | 22.77 | 22.87 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.81 | 22.90 | 22.90 | |
| 20 | 16QAM | 50 | 50 | 22.81 | 22.88 | 22.98 | |
| 20 | 16QAM | 100 | 0 | 22.82 | 22.85 | 22.87 | |
| 20 | 64QAM | 1 | 0 | 22.85 | 22.89 | 22.58 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.83 | 22.86 | 22.16 | |
| 20 | 64QAM | 1 | 99 | 22.91 | 23.04 | 21.91 | |
| 20 | 64QAM | 50 | 0 | 21.75 | 21.80 | 21.26 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.84 | 21.94 | 21.50 | |
| 20 | 64QAM | 50 | 50 | 21.83 | 21.90 | 21.45 | |
| 20 | 64QAM | 100 | 0 | 21.84 | 21.89 | 20.92 | |
| 20 | 256QAM | 1 | 0 | 19.63 | 19.40 | 19.80 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.61 | 19.65 | 19.69 | |
| 20 | 256QAM | 1 | 99 | 19.94 | 19.77 | 19.91 | |
| 20 | 256QAM | 50 | 0 | 19.53 | 19.57 | 19.61 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.75 | 19.58 | 19.67 | |
| 20 | 256QAM | 50 | 50 | 19.70 | 19.64 | 19.79 | |
| 20 | 256QAM | 100 | 0 | 19.58 | 19.65 | 19.75 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 22.86 | 22.96 | 23.10 | 24.8 |
| 15 | QPSK | 1 | 37 | 22.84 | 22.95 | 22.92 | |
| 15 | QPSK | 1 | 74 | 22.92 | 23.03 | 23.09 | |
| 15 | QPSK | 36 | 0 | 22.92 | 23.03 | 23.11 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.06 | 23.15 | 23.20 | |
| 15 | QPSK | 36 | 39 | 23.05 | 23.15 | 23.21 | |
| 15 | QPSK | 75 | 0 | 23.03 | 23.12 | 23.22 | |
| 15 | 16QAM | 1 | 0 | 23.22 | 23.25 | 23.25 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.25 | 23.26 | 23.26 | |
| 15 | 16QAM | 1 | 74 | 23.30 | 23.40 | 23.30 | |
| 15 | 16QAM | 36 | 0 | 22.66 | 22.74 | 22.81 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.76 | 22.86 | 22.84 | |
| 15 | 16QAM | 36 | 39 | 22.80 | 22.78 | 22.91 | |
| 15 | 16QAM | 75 | 0 | 22.73 | 22.81 | 22.80 | |
| 15 | 64QAM | 1 | 0 | 22.77 | 22.88 | 22.57 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.80 | 22.76 | 22.11 | |
| 15 | 64QAM | 1 | 74 | 22.84 | 22.97 | 21.86 | |
| 15 | 64QAM | 36 | 0 | 21.75 | 21.75 | 21.17 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.79 | 21.86 | 21.41 | |
| 15 | 64QAM | 36 | 39 | 21.78 | 21.84 | 21.43 | |
| 15 | 64QAM | 75 | 0 | 21.83 | 21.82 | 20.88 | |
| 15 | 256QAM | 1 | 0 | 19.58 | 19.34 | 19.80 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.52 | 19.63 | 19.63 | |
| 15 | 256QAM | 1 | 74 | 19.88 | 19.67 | 19.86 | |
| 15 | 256QAM | 36 | 0 | 19.46 | 19.56 | 19.53 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.73 | 19.52 | 19.67 | |
| 15 | 256QAM | 36 | 39 | 19.60 | 19.55 | 19.75 | |
| 15 | 256QAM | 75 | 0 | 19.47 | 19.55 | 19.74 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 22.86 | 22.90 | 23.09 | 24.8 |
| 10 | QPSK | 1 | 25 | 22.80 | 22.92 | 22.94 | |
| 10 | QPSK | 1 | 49 | 22.90 | 23.03 | 23.06 | |
| 10 | QPSK | 25 | 0 | 22.94 | 23.10 | 23.14 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.09 | 23.13 | 23.11 | |
| 10 | QPSK | 25 | 25 | 23.12 | 23.11 | 23.23 | |
| 10 | QPSK | 50 | 0 | 23.09 | 23.09 | 23.15 | |
| 10 | 16QAM | 1 | 0 | 23.17 | 23.22 | 23.29 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.30 | 23.23 | 23.31 | |
| 10 | 16QAM | 1 | 49 | 23.27 | 23.36 | 23.29 | |
| 10 | 16QAM | 25 | 0 | 22.71 | 22.67 | 22.86 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.81 | 22.87 | 22.87 | |
| 10 | 16QAM | 25 | 25 | 22.81 | 22.88 | 22.95 | |
| 10 | 16QAM | 50 | 0 | 22.79 | 22.83 | 22.83 | |
| 10 | 64QAM | 1 | 0 | 22.75 | 22.81 | 22.51 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.82 | 22.85 | 22.15 | |
| 10 | 64QAM | 1 | 49 | 22.82 | 22.96 | 21.89 | |
| 10 | 64QAM | 25 | 0 | 21.72 | 21.80 | 21.25 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.80 | 21.94 | 21.45 | |
| 10 | 64QAM | 25 | 25 | 21.77 | 21.85 | 21.38 | |
| 10 | 64QAM | 50 | 0 | 21.80 | 21.87 | 20.89 | |
| 10 | 256QAM | 1 | 0 | 19.62 | 19.35 | 19.78 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.59 | 19.60 | 19.65 | |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.75 | 19.85 | |
| 10 | 256QAM | 25 | 0 | 19.53 | 19.56 | 19.52 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.70 | 19.46 | 19.67 | |
| 10 | 256QAM | 25 | 25 | 19.63 | 19.60 | 19.73 | |
| 10 | 256QAM | 50 | 0 | | | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 22.84 | 22.94 | 23.07 | 24.8 |
| 5 | QPSK | 1 | 12 | 22.82 | 23.00 | 22.99 | |
| 5 | QPSK | 1 | 24 | 22.68 | 23.06 | 23.09 | |
| 5 | QPSK | 12 | 0 | 22.91 | 23.04 | 23.12 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.05 | 23.18 | 23.18 | |
| 5 | QPSK | 12 | 13 | 23.13 | 23.20 | 23.26 | |
| 5 | QPSK | 25 | 0 | 23.09 | 23.08 | 23.21 | |
| 5 | 16QAM | 1 | 0 | 23.22 | 23.19 | 23.27 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.22 | 23.17 | 23.34 | |
| 5 | 16QAM | 1 | 24 | 23.27 | 23.40 | 23.34 | |
| 5 | 16QAM | 12 | 0 | 22.66 | 22.70 | 22.79 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.80 | 22.81 | 22.81 | |
| 5 | 16QAM | 12 | 13 | 22.79 | 22.84 | 22.93 | |
| 5 | 16QAM | 25 | 0 | 22.76 | 22.79 | 22.84 | |
| 5 | 64QAM | 1 | 0 | 22.82 | 22.87 | 22.55 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.75 | 22.82 | 22.16 | |
| 5 | 64QAM | 1 | 24 | 22.87 | 22.95 | 21.87 | |
| 5 | 64QAM | 12 | 0 | 21.69 | 21.71 | 21.21 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.75 | 21.88 | 21.42 | |
| 5 | 64QAM | 12 | 13 | 21.75 | 21.84 | 21.43 | |
| 5 | 64QAM | 25 | 0 | 21.78 | 21.87 | 20.88 | |
| 5 | 256QAM | 1 | 0 | 19.60 | 19.36 | 19.76 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.58 | 19.55 | 19.62 | |
| 5 | 256QAM | 1 | 24 | 19.84 | 19.69 | 19.85 | |
| 5 | 256QAM | 12 | 0 | 19.50 | 19.52 | 19.56 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.72 | 19.52 | 19.67 | |
| 5 | 256QAM | 12 | 13 | 19.62 | 19.63 | 19.71 | |
| 5 | 256QAM | 25 | 0 | 19.55 | 19.61 | 19.71 | |
| Channel | | | | 26025 | 26340 | 26675 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 22.85 | 22.97 | 23.05 | 24.8 |
| 3 | QPSK | 1 | 8 | 22.79 | 22.94 | 22.96 | |
| 3 | QPSK | 1 | 14 | 22.86 | 23.05 | 23.14 | |
| 3 | QPSK | 8 | 0 | 22.93 | 23.03 | 23.20 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.08 | 23.09 | 23.12 | |
| 3 | QPSK | 8 | 7 | 23.10 | 23.20 | 23.26 | |
| 3 | QPSK | 15 | 0 | 23.04 | 23.14 | 23.24 | |
| 3 | 16QAM | 1 | 0 | 23.17 | 23.17 | 23.28 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.27 | 23.23 | 23.32 | |
| 3 | 16QAM | 1 | 14 | 23.27 | 23.42 | 23.29 | |
| 3 | 16QAM | 8 | 0 | 22.69 | 22.74 | 22.80 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.79 | 22.81 | 22.85 | |
| 3 | 16QAM | 8 | 7 | 22.81 | 22.81 | 22.90 | |
| 3 | 16QAM | 15 | 0 | 22.73 | 22.75 | 22.77 | |
| 3 | 64QAM | 1 | 0 | 22.80 | 22.87 | 22.52 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.77 | 22.81 | 22.10 | |
| 3 | 64QAM | 1 | 14 | 22.90 | 23.00 | 21.87 | |
| 3 | 64QAM | 8 | 0 | 21.65 | 21.74 | 21.24 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.76 | 21.92 | 21.40 | |
| 3 | 64QAM | 8 | 7 | 21.76 | 21.85 | 21.49 | |
| 3 | 64QAM | 15 | 0 | 21.83 | 21.86 | 20.91 | |
| 3 | 256QAM | 1 | 0 | 19.62 | 19.33 | 19.80 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.53 | 19.58 | 19.63 | |
| 3 | 256QAM | 1 | 14 | 19.92 | 19.71 | 19.85 | |
| 3 | 256QAM | 8 | 0 | 19.43 | 19.48 | 19.57 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.69 | 19.52 | 19.62 | |
| 3 | 256QAM | 8 | 7 | 19.61 | 19.57 | 19.79 | |
| 3 | 256QAM | 15 | 0 | 19.50 | 19.62 | 19.70 | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 22.88 | 22.93 | 23.03 | 24.8 |
| 1.4 | QPSK | 1 | 3 | 22.97 | 23.01 | 23.12 | |
| 1.4 | QPSK | 1 | 5 | 22.96 | 23.01 | 23.08 | |
| 1.4 | QPSK | 3 | 0 | 22.91 | 22.96 | 23.06 | |
| 1.4 | QPSK | 3 | 1 | 22.95 | 23.01 | 23.10 | |
| 1.4 | QPSK | 3 | 3 | 22.94 | 23.05 | 23.11 | |
| 1.4 | QPSK | 6 | 0 | 22.99 | 23.11 | 23.12 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.07 | 23.09 | 23.23 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.17 | 23.26 | 23.41 | |
| 1.4 | 16QAM | 1 | 5 | 23.09 | 23.21 | 23.34 | |
| 1.4 | 16QAM | 3 | 0 | 22.99 | 23.08 | 23.12 | |
| 1.4 | 16QAM | 3 | 1 | 23.03 | 23.06 | 23.26 | |
| 1.4 | 16QAM | 3 | 3 | 23.03 | 23.10 | 23.22 | |
| 1.4 | 16QAM | 6 | 0 | 22.70 | 22.74 | 22.65 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.67 | 22.74 | 21.83 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.85 | 22.91 | 21.85 | |
| 1.4 | 64QAM | 1 | 5 | 22.77 | 22.86 | 21.76 | |
| 1.4 | 64QAM | 3 | 0 | 22.63 | 22.75 | 21.87 | |
| 1.4 | 64QAM | 3 | 1 | 22.75 | 22.84 | 21.93 | |
| 1.4 | 64QAM | 3 | 3 | 22.68 | 22.78 | 21.71 | |
| 1.4 | 64QAM | 6 | 0 | 21.69 | 21.75 | 20.96 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.52 | 19.29 | 19.70 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.46 | 19.49 | 19.57 | |
| 1.4 | 256QAM | 1 | 5 | 19.90 | 19.67 | 19.82 | |
| 1.4 | 256QAM | 3 | 0 | 19.35 | 19.39 | 19.52 | |
| 1.4 | 256QAM | 3 | 1 | 19.67 | 19.50 | 19.60 | |
| 1.4 | 256QAM | 3 | 3 | 19.56 | 19.48 | 19.78 | |
| 1.4 | 256QAM | 6 | 0 | 19.47 | 19.54 | 19.63 | 20.7 |

## Band 26_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26705 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 24.58 | 24.49 | 24.49 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.49 | 24.48 | 24.46 | |
| 15 | QPSK | 1 | 74 | 24.49 | 24.48 | 24.35 | |
| 15 | QPSK | 36 | 0 | 23.64 | 23.62 | 23.61 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.69 | 23.67 | 23.57 | |
| 15 | QPSK | 36 | 39 | 23.64 | 23.63 | 23.59 | |
| 15 | QPSK | 75 | 0 | 23.67 | 23.66 | 23.58 | |
| 15 | 16QAM | 1 | 0 | 23.88 | 23.77 | 23.80 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.79 | 23.78 | 23.78 | |
| 15 | 16QAM | 1 | 74 | 23.77 | 23.71 | 23.66 | |
| 15 | 16QAM | 36 | 0 | 22.63 | 22.62 | 22.59 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.65 | 22.65 | 22.55 | |
| 15 | 16QAM | 36 | 39 | 22.65 | 22.62 | 22.56 | |
| 15 | 16QAM | 75 | 0 | 22.68 | 22.65 | 22.61 | |
| 15 | 64QAM | 1 | 0 | 22.75 | 22.67 | 22.63 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.71 | 22.74 | 22.66 | |
| 15 | 64QAM | 1 | 74 | 22.72 | 22.68 | 22.03 | |
| 15 | 64QAM | 36 | 0 | 21.64 | 21.64 | 21.64 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.68 | 21.68 | 21.61 | |
| 15 | 64QAM | 36 | 39 | 21.67 | 21.64 | 21.63 | |
| 15 | 64QAM | 75 | 0 | 21.70 | 21.67 | 21.59 | |
| 15 | 256QAM | 1 | 0 | 19.49 | 19.43 | 19.44 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.45 | 19.37 | 19.46 | |
| 15 | 256QAM | 1 | 74 | 19.57 | 19.56 | 19.36 | |
| 15 | 256QAM | 36 | 0 | 19.39 | 19.40 | 19.38 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.42 | 19.45 | 19.38 | |
| 15 | 256QAM | 36 | 39 | 19.31 | 19.32 | 19.31 | |
| 15 | 256QAM | 75 | 0 | 19.41 | 19.43 | 19.34 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.54 | 24.52 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.53 | 24.52 | 24.49 | |
| 10 | QPSK | 1 | 49 | 24.53 | 24.54 | 24.42 | |
| 10 | QPSK | 25 | 0 | 23.68 | 23.57 | 23.57 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.68 | 23.59 | 23.56 | |
| 10 | QPSK | 25 | 25 | 23.63 | 23.59 | 23.57 | |
| 10 | QPSK | 50 | 0 | 23.65 | 23.65 | 23.54 | |
| 10 | 16QAM | 1 | 0 | 23.99 | 23.87 | 23.88 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.89 | 23.90 | 23.88 | |
| 10 | 16QAM | 1 | 49 | 23.93 | 23.94 | 23.75 | |
| 10 | 16QAM | 25 | 0 | 22.70 | 22.59 | 22.58 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.69 | 22.59 | 22.54 | |
| 10 | 16QAM | 25 | 25 | 22.60 | 22.63 | 22.55 | |
| 10 | 16QAM | 50 | 0 | 22.65 | 22.64 | 22.56 | |
| 10 | 64QAM | 1 | 0 | 22.92 | 22.78 | 22.74 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.80 | 22.80 | 22.78 | |
| 10 | 64QAM | 1 | 49 | 22.81 | 22.80 | 22.08 | |
| 10 | 64QAM | 25 | 0 | 21.51 | 21.60 | 21.62 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.70 | 21.63 | 21.62 | |
| 10 | 64QAM | 25 | 25 | 21.61 | 21.61 | 21.34 | |
| 10 | 64QAM | 50 | 0 | 21.51 | 21.67 | 21.55 | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.42 | 19.41 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.43 | 19.28 | 19.43 | |
| 10 | 256QAM | 1 | 49 | 19.47 | 19.49 | 19.28 | |
| 10 | 256QAM | 25 | 0 | 19.32 | 19.34 | 19.37 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.42 | 19.38 | |
| 10 | 256QAM | 25 | 25 | 19.29 | 19.25 | 19.24 | |
| 10 | 256QAM | 50 | 0 | 19.33 | 19.33 | 19.30 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.50 | 24.50 | 24.55 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.53 | 24.55 | 24.54 | |
| 5 | QPSK | 1 | 24 | 24.50 | 24.56 | 24.42 | |
| 5 | QPSK | 12 | 0 | 23.72 | 23.61 | 23.61 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.69 | 23.64 | 23.58 | |
| 5 | QPSK | 12 | 13 | 23.64 | 23.60 | 23.51 | |
| 5 | QPSK | 25 | 0 | 23.68 | 23.62 | 23.57 | |
| 5 | 16QAM | 1 | 0 | 24.01 | 23.91 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.96 | 23.96 | 23.78 | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.93 | 23.74 | |
| 5 | 16QAM | 12 | 0 | 22.78 | 22.63 | 22.64 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.73 | 22.68 | 22.59 | |
| 5 | 16QAM | 12 | 13 | 22.65 | 22.61 | 22.52 | |
| 5 | 16QAM | 25 | 0 | 22.69 | 22.62 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.84 | 22.81 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.72 | 22.84 | 22.34 | |
| 5 | 64QAM | 1 | 24 | 22.60 | 22.86 | 22.11 | |
| 5 | 64QAM | 12 | 0 | 21.55 | 21.67 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.67 | 21.71 | 21.21 | |
| 5 | 64QAM | 12 | 13 | 21.58 | 21.64 | 20.94 | |
| 5 | 64QAM | 25 | 0 | 21.52 | 21.68 | 21.22 | |
| 5 | 256QAM | 1 | 0 | 19.42 | 19.34 | 19.36 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.42 | 19.36 | 19.44 | |
| 5 | 256QAM | 1 | 24 | 19.48 | 19.48 | 19.27 | |
| 5 | 256QAM | 12 | 0 | 19.31 | 19.39 | 19.32 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.40 | 19.40 | 19.31 | |
| 5 | 256QAM | 12 | 13 | 19.28 | 19.28 | 19.30 | |
| 5 | 256QAM | 25 | 0 | 19.41 | 19.33 | 19.28 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.43 | 24.41 | 24.53 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.52 | 24.50 | 24.54 | |
| 3 | QPSK | 1 | 14 | 24.50 | 24.48 | 24.41 | |
| 3 | QPSK | 8 | 0 | 23.72 | 23.59 | 23.56 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.61 | 23.60 | 23.53 | |
| 3 | QPSK | 8 | 7 | 23.62 | 23.59 | 23.48 | |
| 3 | QPSK | 15 | 0 | 23.61 | 23.58 | 23.48 | |
| 3 | 16QAM | 1 | 0 | 23.93 | 23.87 | 23.87 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.90 | 23.89 | 23.74 | |
| 3 | 16QAM | 1 | 14 | 23.80 | 23.84 | 23.73 | |
| 3 | 16QAM | 8 | 0 | 22.74 | 22.57 | 22.54 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.65 | 22.65 | 22.54 | |
| 3 | 16QAM | 8 | 7 | 22.61 | 22.52 | 22.44 | |
| 3 | 16QAM | 15 | 0 | 22.68 | 22.61 | 22.57 | |
| 3 | 64QAM | 1 | 0 | 22.58 | 22.79 | 22.71 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.87 | 22.84 | 22.24 | |
| 3 | 64QAM | 1 | 14 | 22.59 | 22.86 | 22.11 | |
| 3 | 64QAM | 8 | 0 | 21.45 | 21.62 | 21.53 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.63 | 21.67 | 21.12 | |
| 3 | 64QAM | 8 | 7 | 21.54 | 21.64 | 20.90 | |
| 3 | 64QAM | 15 | 0 | 21.45 | 21.68 | 21.19 | |
| 3 | 256QAM | 1 | 0 | 19.47 | 19.43 | 19.39 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.40 | 19.29 | 19.46 | |
| 3 | 256QAM | 1 | 14 | 19.54 | 19.46 | 19.32 | |
| 3 | 256QAM | 8 | 0 | 19.30 | 19.35 | 19.33 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.41 | 19.37 | 19.29 | |
| 3 | 256QAM | 8 | 7 | 19.24 | 19.24 | 19.25 | |
| 3 | 256QAM | 15 | 0 | 19.34 | 19.42 | 19.25 | |
| Channel | | | | 26627 | 26865 | 27103 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 24.47 | 24.43 | 24.46 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.51 | 24.46 | 24.45 | |
| 1.4 | QPSK | 1 | 5 | 24.49 | 24.50 | 24.32 | |
| 1.4 | QPSK | 3 | 0 | 24.46 | 24.48 | 24.47 | |
| 1.4 | QPSK | 3 | 1 | 24.48 | 24.50 | 24.53 | |
| 1.4 | QPSK | 3 | 3 | 24.46 | 24.48 | 24.32 | |
| 1.4 | QPSK | 6 | 0 | 23.72 | 23.53 | 23.56 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.65 | 23.64 | 23.48 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.60 | 23.59 | 23.41 | |
| 1.4 | 16QAM | 1 | 5 | 23.58 | 23.60 | 23.54 | |
| 1.4 | 16QAM | 3 | 0 | 23.94 | 23.85 | 23.80 | |
| 1.4 | 16QAM | 3 | 1 | 23.87 | 23.88 | 23.77 | |
| 1.4 | 16QAM | 3 | 3 | 23.77 | 23.92 | 23.69 | |
| 1.4 | 16QAM | 6 | 0 | 22.77 | 22.61 | 22.60 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.66 | 22.84 | 22.59 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.55 | 22.61 | 22.43 | |
| 1.4 | 64QAM | 1 | 5 | 22.69 | 22.59 | 22.54 | |
| 1.4 | 64QAM | 3 | 0 | 22.51 | 22.75 | 22.79 | |
| 1.4 | 64QAM | 3 | 1 | 22.62 | 22.80 | 22.24 | |
| 1.4 | 64QAM | 3 | 3 | 22.60 | 22.86 | 22.09 | |
| 1.4 | 64QAM | 6 | 0 | 21.47 | 21.67 | 21.56 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.44 | 19.37 | 19.35 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.38 | 19.34 | 19.42 | |
| 1.4 | 256QAM | 1 | 5 | 19.55 | 19.49 | 19.28 | |
| 1.4 | 256QAM | 3 | 0 | 19.36 | 19.37 | 19.31 | |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.38 | 19.34 | |
| 1.4 | 256QAM | 3 | 3 | 19.21 | 19.27 | 19.28 | |
| 1.4 | 256QAM | 6 | 0 | 19.33 | 19.33 | 19.30 | 20.7 |

| Band 30_Ant 2 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 27710 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | QPSK | 1 | 0 | | 23.15 | | 24.2 |
| 10 | QPSK | 1 | 25 | | 23.09 | | |
| 10 | QPSK | 1 | 49 | | 23.02 | | |
| 10 | QPSK | 25 | 0 | | 22.08 | | 23.2 |
| 10 | QPSK | 25 | 12 | | 22.16 | | |
| 10 | QPSK | 25 | 25 | | 22.18 | | |
| 10 | QPSK | 50 | 0 | | 22.14 | | |
| 10 | 16QAM | 1 | 0 | | 22.44 | | 23.2 |
| 10 | 16QAM | 1 | 25 | | 22.48 | | |
| 10 | 16QAM | 1 | 49 | | 22.41 | | |
| 10 | 16QAM | 25 | 0 | | 21.08 | | 22.2 |
| 10 | 16QAM | 25 | 12 | | 21.14 | | |
| 10 | 16QAM | 25 | 25 | | 21.17 | | |
| 10 | 16QAM | 50 | 0 | | 21.14 | | |
| 10 | 64QAM | 1 | 0 | | 21.29 | | 22.2 |
| 10 | 64QAM | 1 | 25 | | 21.39 | | |
| 10 | 64QAM | 1 | 49 | | 21.27 | | |
| 10 | 64QAM | 25 | 0 | | 20.12 | | 21.2 |
| 10 | 64QAM | 25 | 12 | | 20.20 | | |
| 10 | 64QAM | 25 | 25 | | 20.20 | | |
| 10 | 64QAM | 50 | 0 | | 20.16 | | |
| 10 | 256QAM | 1 | 0 | | 18.80 | | 19.2 |
| 10 | 256QAM | 1 | 25 | | 18.94 | | |
| 10 | 256QAM | 1 | 49 | | 18.91 | | |
| 10 | 256QAM | 25 | 0 | | 18.78 | | 19.2 |
| 10 | 256QAM | 25 | 12 | | 18.73 | | |
| 10 | 256QAM | 25 | 25 | | 18.75 | | |
| 10 | 256QAM | 50 | 0 | | 18.77 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 22.97 | 23.01 | 23.05 | 24.2 |
| 5 | QPSK | 1 | 12 | 23.14 | 23.14 | 23.12 | |
| 5 | QPSK | 1 | 24 | 23.13 | 23.13 | 23.06 | |
| 5 | QPSK | 12 | 0 | 22.10 | 22.12 | 22.16 | 23.2 |
| 5 | QPSK | 12 | 7 | 22.23 | 22.17 | 22.21 | |
| 5 | QPSK | 12 | 13 | 22.22 | 22.17 | 22.19 | |
| 5 | QPSK | 25 | 0 | 22.18 | 22.14 | 22.19 | |
| 5 | 16QAM | 1 | 0 | 22.32 | 22.34 | 22.39 | 23.2 |
| 5 | 16QAM | 1 | 12 | 22.42 | 22.40 | 22.38 | |
| 5 | 16QAM | 1 | 24 | 22.44 | 22.40 | 22.36 | |
| 5 | 16QAM | 12 | 0 | 21.15 | 21.14 | 21.19 | 22.2 |
| 5 | 16QAM | 12 | 7 | 21.24 | 21.20 | 21.22 | |
| 5 | 16QAM | 12 | 13 | 21.25 | 21.18 | 21.22 | |
| 5 | 16QAM | 25 | 0 | 21.21 | 21.16 | 21.20 | |
| 5 | 64QAM | 1 | 0 | 21.28 | 21.32 | 21.34 | 22.2 |
| 5 | 64QAM | 1 | 12 | 21.32 | 21.36 | 21.33 | |
| 5 | 64QAM | 1 | 24 | 21.38 | 21.36 | 21.31 | |
| 5 | 64QAM | 12 | 0 | 20.17 | 20.21 | 20.29 | 21.2 |
| 5 | 64QAM | 12 | 7 | 20.29 | 20.23 | 20.28 | |
| 5 | 64QAM | 12 | 13 | 20.30 | 20.25 | 20.24 | |
| 5 | 64QAM | 25 | 0 | 20.25 | 20.17 | 20.20 | |
| 5 | 256QAM | 1 | 0 | 18.75 | 18.79 | 18.77 | 19.2 |
| 5 | 256QAM | 1 | 12 | 18.87 | 18.90 | 18.85 | |
| 5 | 256QAM | 1 | 24 | 18.90 | 18.83 | 18.87 | |
| 5 | 256QAM | 12 | 0 | 18.76 | 18.69 | 18.69 | 19.2 |
| 5 | 256QAM | 12 | 7 | 18.83 | 18.72 | 18.64 | |
| 5 | 256QAM | 12 | 13 | 18.85 | 18.75 | 18.71 | |
| 5 | 256QAM | 25 | 0 | 18.75 | 18.72 | 18.70 | |

## Band 66_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 23.39 | 23.46 | 23.55 | 24.8 |
| 20 | QPSK | 1 | 49 | 23.35 | 23.57 | 23.40 | |
| 20 | QPSK | 1 | 99 | 23.58 | 23.60 | 23.15 | |
| 20 | QPSK | 50 | 0 | 22.76 | 22.70 | 22.70 | 24.7 |
| 20 | QPSK | 50 | 24 | 22.81 | 22.81 | 22.75 | |
| 20 | QPSK | 50 | 50 | 22.82 | 22.87 | 22.76 | |
| 20 | QPSK | 100 | 0 | 22.81 | 22.82 | 22.71 | |
| 20 | 16QAM | 1 | 0 | 23.34 | 23.35 | 23.40 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.36 | 23.44 | 23.10 | |
| 20 | 16QAM | 1 | 99 | 23.47 | 23.44 | 23.26 | |
| 20 | 16QAM | 50 | 0 | 22.71 | 22.76 | 22.68 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.88 | 22.77 | 22.72 | |
| 20 | 16QAM | 50 | 50 | 22.86 | 22.84 | 22.69 | |
| 20 | 16QAM | 100 | 0 | 22.88 | 22.77 | 22.75 | |
| 20 | 64QAM | 1 | 0 | 22.61 | 22.77 | 22.74 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.81 | 22.84 | 22.39 | |
| 20 | 64QAM | 1 | 99 | 22.89 | 22.89 | 22.38 | |
| 20 | 64QAM | 50 | 0 | 21.76 | 21.74 | 21.54 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.93 | 21.78 | 21.46 | |
| 20 | 64QAM | 50 | 50 | 21.92 | 21.90 | 21.69 | |
| 20 | 64QAM | 100 | 0 | 21.83 | 21.85 | 21.66 | |
| 20 | 256QAM | 1 | 0 | 19.71 | 19.68 | 19.66 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.59 | 19.91 | 19.67 | |
| 20 | 256QAM | 1 | 99 | 19.91 | 19.88 | 19.77 | |
| 20 | 256QAM | 50 | 0 | 19.49 | 19.65 | 19.63 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.74 | 19.66 | 19.67 | |
| 20 | 256QAM | 50 | 50 | 19.67 | 19.62 | 19.54 | |
| 20 | 256QAM | 100 | 0 | 19.69 | 19.69 | 19.62 | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.36 | 23.44 | 23.54 | 24.8 |
| 15 | QPSK | 1 | 37 | 23.29 | 23.55 | 23.36 | |
| 15 | QPSK | 1 | 74 | 23.50 | 23.52 | 23.07 | |
| 15 | QPSK | 36 | 0 | 22.66 | 22.60 | 22.59 | 24.7 |
| 15 | QPSK | 36 | 20 | 22.81 | 22.71 | 22.80 | |
| 15 | QPSK | 36 | 39 | 22.77 | 22.84 | 22.68 | |
| 15 | QPSK | 75 | 0 | 22.81 | 22.72 | 22.69 | |
| 15 | 16QAM | 1 | 0 | 23.34 | 23.31 | 23.33 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.26 | 23.40 | 23.01 | |
| 15 | 16QAM | 1 | 74 | 23.44 | 23.43 | 23.23 | |
| 15 | 16QAM | 36 | 0 | 22.68 | 22.68 | 22.64 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.85 | 22.75 | 22.67 | |
| 15 | 16QAM | 36 | 39 | 22.84 | 22.84 | 22.67 | |
| 15 | 16QAM | 75 | 0 | 22.87 | 22.70 | 22.71 | |
| 15 | 64QAM | 1 | 0 | 22.57 | 22.75 | 22.73 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.81 | 22.77 | 22.35 | |
| 15 | 64QAM | 1 | 74 | 22.62 | 22.86 | 22.34 | |
| 15 | 64QAM | 36 | 0 | 21.73 | 21.64 | 21.54 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.89 | 21.70 | 21.43 | |
| 15 | 64QAM | 36 | 39 | 21.84 | 21.82 | 21.69 | |
| 15 | 64QAM | 75 | 0 | 21.83 | 21.82 | 21.56 | |
| 15 | 256QAM | 1 | 0 | 19.63 | 19.60 | 19.66 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.55 | 19.86 | 19.67 | |
| 15 | 256QAM | 1 | 74 | 19.87 | 19.88 | 19.72 | |
| 15 | 256QAM | 36 | 0 | 19.43 | 19.59 | 19.54 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.73 | 19.60 | 19.64 | |
| 15 | 256QAM | 36 | 39 | 19.67 | 19.59 | 19.52 | |
| 15 | 256QAM | 75 | 0 | 19.62 | 19.65 | 19.58 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.37 | 23.44 | 23.53 | 24.8 |
| 10 | QPSK | 1 | 25 | 23.33 | 23.49 | 23.38 | |
| 10 | QPSK | 1 | 49 | 23.50 | 23.54 | 23.15 | |
| 10 | QPSK | 25 | 0 | 22.69 | 22.63 | 22.52 | 24.7 |
| 10 | QPSK | 25 | 12 | 22.79 | 22.77 | 22.71 | |
| 10 | QPSK | 25 | 25 | 22.71 | 22.80 | 22.67 | |
| 10 | QPSK | 50 | 0 | 22.83 | 22.76 | 22.66 | |
| 10 | 16QAM | 1 | 0 | 23.33 | 23.29 | 23.38 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.26 | 23.40 | 23.04 | |
| 10 | 16QAM | 1 | 49 | 23.44 | 23.39 | 23.26 | |
| 10 | 16QAM | 25 | 0 | 22.64 | 22.73 | 22.64 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.78 | 22.77 | 22.62 | |
| 10 | 16QAM | 25 | 25 | 22.79 | 22.80 | 22.59 | |
| 10 | 16QAM | 50 | 0 | 22.78 | 22.76 | 22.73 | |
| 10 | 64QAM | 1 | 0 | 22.57 | 22.71 | 22.73 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.71 | 22.79 | 22.33 | |
| 10 | 64QAM | 1 | 49 | 22.87 | 22.85 | 22.37 | |
| 10 | 64QAM | 25 | 0 | 21.70 | 21.71 | 21.46 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.83 | 21.68 | 21.38 | |
| 10 | 64QAM | 25 | 25 | 21.82 | 21.81 | 21.61 | |
| 10 | 64QAM | 50 | 0 | 21.81 | 21.78 | 21.61 | |
| 10 | 256QAM | 1 | 0 | 19.66 | 19.62 | 19.58 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.56 | 19.89 | 19.67 | |
| 10 | 256QAM | 1 | 49 | 19.91 | 19.85 | 19.69 | |
| 10 | 256QAM | 25 | 0 | 19.45 | 19.60 | 19.61 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.67 | 19.66 | 19.57 | |
| 10 | 256QAM | 25 | 25 | 19.60 | 19.56 | 19.47 | |
| 10 | 256QAM | 50 | 0 | 19.63 | 19.59 | 19.60 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.30 | 23.46 | 23.54 | 24.8 |
| 5 | QPSK | 1 | 12 | 23.33 | 23.54 | 23.39 | |
| 5 | QPSK | 1 | 24 | 23.51 | 23.58 | 23.15 | |
| 5 | QPSK | 12 | 0 | 22.67 | 22.65 | 22.55 | 24.7 |
| 5 | QPSK | 12 | 7 | 22.83 | 22.71 | 22.81 | |
| 5 | QPSK | 12 | 13 | 22.80 | 22.81 | 22.70 | |
| 5 | QPSK | 25 | 0 | 22.74 | 22.69 | 22.63 | |
| 5 | 16QAM | 1 | 0 | 23.24 | 23.27 | 23.37 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.34 | 23.40 | 23.06 | |
| 5 | 16QAM | 1 | 24 | 23.38 | 23.35 | 23.21 | |
| 5 | 16QAM | 12 | 0 | 22.68 | 22.69 | 22.60 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.84 | 22.77 | 22.71 | |
| 5 | 16QAM | 12 | 13 | 22.85 | 22.78 | 22.67 | |
| 5 | 16QAM | 25 | 0 | 22.83 | 22.70 | 22.75 | |
| 5 | 64QAM | 1 | 0 | 22.54 | 22.75 | 22.66 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.76 | 22.76 | 22.30 | |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.82 | 22.38 | |
| 5 | 64QAM | 12 | 0 | 21.66 | 21.65 | 21.54 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.84 | 21.71 | 21.36 | |
| 5 | 64QAM | 12 | 13 | 21.88 | 21.81 | 21.60 | |
| 5 | 64QAM | 25 | 0 | 21.78 | 21.80 | 21.61 | |
| 5 | 256QAM | 1 | 0 | 19.63 | 19.68 | 19.61 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.49 | 19.88 | 19.63 | |
| 5 | 256QAM | 1 | 24 | 19.89 | 19.85 | 19.68 | |
| 5 | 256QAM | 12 | 0 | 19.44 | 19.55 | 19.63 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.74 | 19.62 | 19.63 | |
| 5 | 256QAM | 12 | 13 | 19.67 | 19.62 | 19.50 | |
| 5 | 256QAM | 25 | 0 | 19.67 | 19.64 | 19.56 | |
| Channel | | | | 131967 | 132322 | 132677 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.38 | 23.42 | 23.49 | 24.8 |
| 3 | QPSK | 1 | 8 | 23.26 | 23.49 | 23.37 | |
| 3 | QPSK | 1 | 14 | 23.53 | 23.56 | 23.12 | |
| 3 | QPSK | 8 | 0 | 22.70 | 22.64 | 22.56 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.75 | 22.75 | 22.71 | |
| 3 | QPSK | 8 | 7 | 22.80 | 22.80 | 22.69 | |
| 3 | QPSK | 15 | 0 | 22.77 | 22.78 | 22.66 | |
| 3 | 16QAM | 1 | 0 | 23.27 | 23.27 | 23.32 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.26 | 23.42 | 23.03 | |
| 3 | 16QAM | 1 | 14 | 23.38 | 23.44 | 23.24 | |
| 3 | 16QAM | 8 | 0 | 22.71 | 22.74 | 22.62 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.79 | 22.73 | 22.69 | |
| 3 | 16QAM | 8 | 7 | 22.80 | 22.79 | 22.68 | |
| 3 | 16QAM | 15 | 0 | 22.85 | 22.72 | 22.74 | |
| 3 | 64QAM | 1 | 0 | 22.58 | 22.77 | 22.64 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.78 | 22.76 | 22.39 | |
| 3 | 64QAM | 1 | 14 | 22.81 | 22.83 | 22.38 | |
| 3 | 64QAM | 8 | 0 | 21.75 | 21.69 | 21.46 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.90 | 21.76 | 21.41 | |
| 3 | 64QAM | 8 | 7 | 21.87 | 21.87 | 21.69 | |
| 3 | 64QAM | 15 | 0 | 21.80 | 21.78 | 21.58 | |
| 3 | 256QAM | 1 | 0 | 19.67 | 19.59 | 19.61 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.50 | 19.89 | 19.65 | |
| 3 | 256QAM | 1 | 14 | 19.82 | 19.78 | 19.75 | |
| 3 | 256QAM | 8 | 0 | 19.47 | 19.55 | 19.55 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.74 | 19.56 | 19.61 | |
| 3 | 256QAM | 8 | 7 | 19.61 | 19.62 | 19.49 | |
| 3 | 256QAM | 15 | 0 | 19.62 | 19.65 | 19.59 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.11 | 23.15 | 23.03 | 24.8 |
| 1.4 | QPSK | 1 | 3 | 23.18 | 23.25 | 23.14 | |
| 1.4 | QPSK | 1 | 5 | 23.14 | 23.19 | 23.04 | |
| 1.4 | QPSK | 3 | 0 | 23.18 | 23.20 | 23.11 | |
| 1.4 | QPSK | 3 | 1 | 23.24 | 23.29 | 23.16 | |
| 1.4 | QPSK | 3 | 3 | 23.23 | 23.23 | 23.08 | |
| 1.4 | QPSK | 6 | 0 | 23.26 | 23.29 | 23.18 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.39 | 23.44 | 23.29 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.46 | 23.50 | 23.35 | |
| 1.4 | 16QAM | 1 | 5 | 23.43 | 23.39 | 23.32 | |
| 1.4 | 16QAM | 3 | 0 | 23.25 | 23.25 | 23.21 | |
| 1.4 | 16QAM | 3 | 1 | 23.36 | 23.44 | 23.19 | |
| 1.4 | 16QAM | 3 | 3 | 23.18 | 23.36 | 23.21 | |
| 1.4 | 16QAM | 6 | 0 | 22.74 | 22.85 | 22.69 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.73 | 22.78 | 22.70 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.90 | 22.92 | 22.78 | |
| 1.4 | 64QAM | 1 | 5 | 22.76 | 22.83 | 22.71 | |
| 1.4 | 64QAM | 3 | 0 | 22.73 | 22.85 | 22.68 | |
| 1.4 | 64QAM | 3 | 1 | 22.80 | 22.94 | 22.71 | |
| 1.4 | 64QAM | 3 | 3 | 22.77 | 22.77 | 22.65 | |
| 1.4 | 64QAM | 6 | 0 | 21.72 | 21.76 | 21.66 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.63 | 19.58 | 19.51 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.49 | 19.85 | 19.60 | |
| 1.4 | 256QAM | 1 | 5 | 19.77 | 19.71 | 19.69 | |
| 1.4 | 256QAM | 3 | 0 | 19.38 | 19.46 | 19.53 | |
| 1.4 | 256QAM | 3 | 1 | 19.64 | 19.48 | 19.58 | |
| 1.4 | 256QAM | 3 | 3 | 19.54 | 19.52 | 19.40 | |
| 1.4 | 256QAM | 6 | 0 | 19.54 | 19.62 | 19.59 | 20.7 |

## Band 71_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 133222 | 133322 | 133372 | |
| Frequency (MHz) | | | | 673 | 683 | 688 | |
| 20 | QPSK | 1 | 0 | 24.65 | 24.57 | 24.52 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.58 | 24.53 | 24.51 | |
| 20 | QPSK | 1 | 99 | 24.51 | 24.53 | 24.50 | |
| 20 | QPSK | 50 | 0 | 23.69 | 23.66 | 23.58 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.71 | 23.61 | 23.61 | |
| 20 | QPSK | 50 | 50 | 23.70 | 23.64 | 23.63 | |
| 20 | QPSK | 100 | 0 | 23.70 | 23.60 | 23.58 | |
| 20 | 16QAM | 1 | 0 | 24.02 | 23.92 | 23.82 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.92 | 23.89 | 23.85 | |
| 20 | 16QAM | 1 | 99 | 23.89 | 23.86 | 23.85 | |
| 20 | 16QAM | 50 | 0 | 22.70 | 22.66 | 22.57 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.73 | 22.63 | 22.61 | |
| 20 | 16QAM | 50 | 50 | 22.70 | 22.66 | 22.64 | |
| 20 | 16QAM | 100 | 0 | 22.70 | 22.62 | 22.59 | |
| 20 | 64QAM | 1 | 0 | 22.82 | 22.75 | 22.74 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.81 | 22.69 | 22.71 | |
| 20 | 64QAM | 1 | 99 | 22.78 | 22.77 | 22.76 | |
| 20 | 64QAM | 50 | 0 | 21.58 | 21.67 | 21.61 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.73 | 21.65 | 21.65 | |
| 20 | 64QAM | 50 | 50 | 21.71 | 21.66 | 21.65 | |
| 20 | 64QAM | 100 | 0 | 21.74 | 21.62 | 21.62 | |
| 20 | 256QAM | 1 | 0 | 19.58 | 19.60 | 19.37 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.41 | 19.36 | 19.39 | |
| 20 | 256QAM | 1 | 99 | 19.45 | 19.55 | 19.55 | |
| 20 | 256QAM | 50 | 0 | 19.41 | 19.47 | 19.44 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.38 | 19.44 | 19.38 | |
| 20 | 256QAM | 50 | 50 | 19.40 | 19.36 | 19.29 | |
| 20 | 256QAM | 100 | 0 | 19.43 | 19.43 | 19.32 | |
| Channel | | | | 133197 | 133297 | 133397 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 24.64 | 24.57 | 24.53 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.50 | 24.53 | 24.52 | |
| 15 | QPSK | 1 | 74 | 24.53 | 24.58 | 24.53 | |
| 15 | QPSK | 36 | 0 | 23.68 | 23.64 | 23.60 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.71 | 23.69 | 23.69 | |
| 15 | QPSK | 36 | 39 | 23.64 | 23.63 | 23.61 | |
| 15 | QPSK | 75 | 0 | 23.72 | 23.69 | 23.69 | |
| 15 | 16QAM | 1 | 0 | 24.01 | 23.93 | 23.84 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.84 | 23.90 | 23.88 | |
| 15 | 16QAM | 1 | 74 | 23.82 | 23.92 | 23.84 | |
| 15 | 16QAM | 36 | 0 | 22.68 | 22.64 | 22.62 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.71 | 22.69 | 22.68 | |
| 15 | 16QAM | 36 | 39 | 22.64 | 22.62 | 22.63 | |
| 15 | 16QAM | 75 | 0 | 22.73 | 22.69 | 22.67 | |
| 15 | 64QAM | 1 | 0 | 22.47 | 22.79 | 22.75 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.63 | 22.78 | 22.78 | |
| 15 | 64QAM | 1 | 74 | 22.75 | 22.83 | 22.77 | |
| 15 | 64QAM | 36 | 0 | 21.48 | 21.69 | 21.63 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.52 | 21.71 | 21.71 | |
| 15 | 64QAM | 36 | 39 | 21.66 | 21.65 | 21.66 | |
| 15 | 64QAM | 75 | 0 | 21.70 | 21.70 | 21.68 | |
| 15 | 256QAM | 1 | 0 | 19.49 | 19.52 | 19.27 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.33 | 19.28 | 19.32 | |
| 15 | 256QAM | 1 | 74 | 19.40 | 19.51 | 19.52 | |
| 15 | 256QAM | 36 | 0 | 19.35 | 19.41 | 19.37 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.32 | 19.43 | 19.30 | |
| 15 | 256QAM | 36 | 39 | 19.30 | 19.36 | 19.25 | |
| 15 | 256QAM | 75 | 0 | 19.38 | 19.38 | 19.31 | |
| Channel | | | | 133172 | 133272 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 678 | 693 | |
| 10 | QPSK | 1 | 0 | 24.62 | 24.57 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.55 | 24.45 | 24.50 | |
| 10 | QPSK | 1 | 49 | 24.52 | 24.51 | 24.45 | |
| 10 | QPSK | 25 | 0 | 23.72 | 23.58 | 23.53 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.71 | 23.58 | 23.59 | |
| 10 | QPSK | 25 | 25 | 23.66 | 23.62 | 23.61 | |
| 10 | QPSK | 50 | 0 | 23.71 | 23.65 | 23.56 | |
| 10 | 16QAM | 1 | 0 | 24.05 | 23.91 | 23.84 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.93 | 23.86 | 23.89 | |
| 10 | 16QAM | 1 | 49 | 23.68 | 23.90 | 23.83 | |
| 10 | 16QAM | 25 | 0 | 22.72 | 22.55 | 22.54 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.71 | 22.57 | 22.54 | |
| 10 | 16QAM | 25 | 25 | 22.64 | 22.60 | 22.61 | |
| 10 | 16QAM | 50 | 0 | 22.71 | 22.63 | 22.54 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.78 | 22.73 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.58 | 22.79 | 22.80 | |
| 10 | 64QAM | 1 | 49 | 22.66 | 22.81 | 22.71 | |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.59 | 21.60 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.60 | 21.62 | |
| 10 | 64QAM | 25 | 25 | 21.28 | 21.65 | 21.64 | |
| 10 | 64QAM | 50 | 0 | 21.41 | 21.66 | 21.57 | |
| 10 | 256QAM | 1 | 0 | 19.55 | 19.57 | 19.36 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.38 | 19.28 | 19.34 | |
| 10 | 256QAM | 1 | 49 | 19.37 | 19.45 | 19.55 | |
| 10 | 256QAM | 25 | 0 | 19.34 | 19.42 | 19.37 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.32 | 19.35 | 19.32 | |
| 10 | 256QAM | 25 | 25 | 19.40 | 19.28 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.36 | 19.33 | 19.22 | |
| Channel | | | | 133147 | 133247 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 675.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 24.60 | 24.57 | 24.58 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.61 | 24.54 | 24.56 | |
| 5 | QPSK | 1 | 24 | 24.56 | 24.54 | 24.47 | |
| 5 | QPSK | 12 | 0 | 23.79 | 23.63 | 23.64 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.73 | 23.64 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.66 | 23.60 | 23.61 | |
| 5 | QPSK | 25 | 0 | 23.70 | 23.64 | 23.59 | |
| 5 | 16QAM | 1 | 0 | 24.02 | 23.92 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.95 | 23.90 | 23.88 | |
| 5 | 16QAM | 1 | 24 | 23.89 | 23.86 | 23.83 | |
| 5 | 16QAM | 12 | 0 | 22.82 | 22.66 | 22.68 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.68 | 22.70 | |
| 5 | 16QAM | 12 | 13 | 22.69 | 22.61 | 22.61 | |
| 5 | 16QAM | 25 | 0 | 22.73 | 22.65 | 22.62 | |
| 5 | 64QAM | 1 | 0 | 22.23 | 22.90 | 22.79 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.48 | 22.85 | 22.81 | |
| 5 | 64QAM | 1 | 24 | 22.47 | 22.83 | 22.78 | |
| 5 | 64QAM | 12 | 0 | 21.34 | 21.70 | 21.71 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.49 | 21.70 | 21.73 | |
| 5 | 64QAM | 12 | 13 | 21.38 | 21.64 | 21.65 | |
| 5 | 64QAM | 25 | 0 | 21.31 | 21.67 | 21.62 | |
| 5 | 256QAM | 1 | 0 | 19.55 | 19.52 | 19.31 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.37 | 19.28 | 19.36 | |
| 5 | 256QAM | 1 | 24 | 19.36 | 19.47 | 19.55 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.45 | 19.34 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.39 | 19.32 | |
| 5 | 256QAM | 12 | 13 | 19.36 | 19.36 | 19.20 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.35 | 19.31 | |

## Band 2_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 23.55 | 23.59 | 23.70 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.51 | 23.65 | 23.64 | |
| 20 | QPSK | 1 | 99 | 23.55 | 23.61 | 23.62 | |
| 20 | QPSK | 50 | 0 | 22.57 | 22.71 | 22.71 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.67 | 22.73 | 22.73 | |
| 20 | QPSK | 50 | 50 | 22.65 | 22.77 | 22.84 | |
| 20 | QPSK | 100 | 0 | 22.68 | 22.69 | 22.74 | |
| 20 | 16QAM | 1 | 0 | 22.96 | 22.95 | 22.98 | 24.5 |
| 20 | 16QAM | 1 | 49 | 22.84 | 22.98 | 22.94 | |
| 20 | 16QAM | 1 | 99 | 22.84 | 22.90 | 22.91 | |
| 20 | 16QAM | 50 | 0 | 21.60 | 21.72 | 21.72 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.68 | 21.75 | 21.77 | |
| 20 | 16QAM | 50 | 50 | 21.66 | 21.78 | 21.83 | |
| 20 | 16QAM | 100 | 0 | 21.65 | 21.68 | 21.75 | |
| 20 | 64QAM | 1 | 0 | 22.73 | 21.80 | 21.88 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.72 | 21.87 | 21.33 | |
| 20 | 64QAM | 1 | 99 | 22.82 | 21.79 | 21.82 | |
| 20 | 64QAM | 50 | 0 | 21.58 | 20.73 | 20.74 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.66 | 20.77 | 20.50 | |
| 20 | 64QAM | 50 | 50 | 21.64 | 20.80 | 20.76 | |
| 20 | 64QAM | 100 | 0 | 21.65 | 20.74 | 20.60 | |
| 20 | 256QAM | 1 | 0 | 18.70 | 18.84 | 18.90 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.81 | 18.99 | 18.96 | |
| 20 | 256QAM | 1 | 99 | 18.86 | 18.97 | 19.03 | |
| 20 | 256QAM | 50 | 0 | 18.64 | 18.75 | 18.80 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.76 | 18.80 | 18.85 | |
| 20 | 256QAM | 50 | 50 | 18.83 | 18.86 | 18.96 | |
| 20 | 256QAM | 100 | 0 | 18.76 | 18.81 | 18.86 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 23.54 | 23.59 | 23.68 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.51 | 23.62 | 23.58 | |
| 15 | QPSK | 1 | 74 | 23.52 | 23.59 | 23.54 | |
| 15 | QPSK | 36 | 0 | 22.56 | 22.69 | 22.64 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.67 | 22.63 | 22.65 | |
| 15 | QPSK | 36 | 39 | 22.59 | 22.69 | 22.76 | |
| 15 | QPSK | 75 | 0 | 22.62 | 22.65 | 22.69 | |
| 15 | 16QAM | 1 | 0 | 22.90 | 22.88 | 22.88 | 24.5 |
| 15 | 16QAM | 1 | 37 | 22.83 | 22.96 | 22.91 | |
| 15 | 16QAM | 1 | 74 | 22.81 | 22.89 | 22.82 | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.64 | 21.64 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.60 | 21.73 | 21.76 | |
| 15 | 16QAM | 36 | 39 | 21.60 | 21.70 | 21.76 | |
| 15 | 16QAM | 75 | 0 | 21.60 | 21.58 | 21.71 | |
| 15 | 64QAM | 1 | 0 | 22.65 | 21.72 | 21.83 | 23.5 |
| 15 | 64QAM | 1 | 37 | 22.72 | 21.82 | 21.55 | |
| 15 | 64QAM | 1 | 74 | 22.81 | 21.79 | 21.80 | |
| 15 | 64QAM | 36 | 0 | 21.51 | 20.63 | 20.71 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.65 | 20.74 | 20.58 | |
| 15 | 64QAM | 36 | 39 | 21.56 | 20.70 | 20.74 | |
| 15 | 64QAM | 75 | 0 | 21.55 | 20.66 | 20.59 | |
| 15 | 256QAM | 1 | 0 | 18.60 | 18.75 | 18.85 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.71 | 18.90 | 18.95 | |
| 15 | 256QAM | 1 | 74 | 18.79 | 18.89 | 18.95 | |
| 15 | 256QAM | 36 | 0 | 18.57 | 18.70 | 18.76 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.74 | 18.79 | 18.85 | |
| 15 | 256QAM | 36 | 39 | 18.75 | 18.78 | 18.86 | |
| 15 | 256QAM | 75 | 0 | 18.72 | 18.80 | 18.85 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 23.53 | 23.51 | 23.69 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.51 | 23.58 | 23.55 | |
| 10 | QPSK | 1 | 49 | 23.52 | 23.57 | 23.62 | |
| 10 | QPSK | 25 | 0 | 22.53 | 22.63 | 22.62 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.64 | 22.64 | 22.66 | |
| 10 | QPSK | 25 | 25 | 22.63 | 22.71 | 22.83 | |
| 10 | QPSK | 50 | 0 | 22.59 | 22.67 | 22.64 | |
| 10 | 16QAM | 1 | 0 | 22.95 | 22.93 | 22.96 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.78 | 22.98 | 22.90 | |
| 10 | 16QAM | 1 | 49 | 22.75 | 22.85 | 22.89 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.62 | 21.67 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.63 | 21.70 | 21.70 | |
| 10 | 16QAM | 25 | 25 | 21.64 | 21.74 | 21.74 | |
| 10 | 16QAM | 50 | 0 | 21.62 | 21.61 | 21.74 | |
| 10 | 64QAM | 1 | 0 | 22.67 | 21.72 | 21.84 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.70 | 21.84 | 21.52 | |
| 10 | 64QAM | 1 | 49 | 22.73 | 21.72 | 21.74 | |
| 10 | 64QAM | 25 | 0 | 21.52 | 20.66 | 20.71 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.59 | 20.69 | 20.52 | |
| 10 | 64QAM | 25 | 25 | 21.60 | 20.73 | 20.70 | |
| 10 | 64QAM | 50 | 0 | 21.59 | 20.65 | 20.56 | |
| 10 | 256QAM | 1 | 0 | 18.62 | 18.81 | 18.89 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.73 | 18.96 | 18.95 | |
| 10 | 256QAM | 1 | 49 | 18.76 | 18.97 | 18.94 | |
| 10 | 256QAM | 25 | 0 | 18.54 | 18.75 | 18.80 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.73 | 18.77 | 18.83 | |
| 10 | 256QAM | 25 | 25 | 18.76 | 18.81 | 18.95 | |
| 10 | 256QAM | 50 | 0 | 18.67 | 18.79 | 18.83 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 23.55 | 23.56 | 23.66 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.57 | 23.62 | |
| 5 | QPSK | 1 | 24 | 23.54 | 23.54 | 23.61 | |
| 5 | QPSK | 12 | 0 | 22.53 | 22.63 | 22.61 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.57 | 22.63 | 22.67 | |
| 5 | QPSK | 12 | 13 | 22.65 | 22.76 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.63 | 22.68 | 22.74 | |
| 5 | 16QAM | 1 | 0 | 22.93 | 22.89 | 22.98 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.81 | 22.93 | 22.91 | |
| 5 | 16QAM | 1 | 24 | 22.81 | 22.82 | 22.86 | |
| 5 | 16QAM | 12 | 0 | 21.59 | 21.71 | 21.67 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.64 | 21.73 | 21.75 | |
| 5 | 16QAM | 12 | 13 | 21.63 | 21.68 | 21.77 | |
| 5 | 16QAM | 25 | 0 | 21.58 | 21.60 | 21.69 | |
| 5 | 64QAM | 1 | 0 | 22.71 | 21.79 | 21.86 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.69 | 21.82 | 21.53 | |
| 5 | 64QAM | 1 | 24 | 22.75 | 21.71 | 21.81 | |
| 5 | 64QAM | 12 | 0 | 21.50 | 20.68 | 20.66 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.60 | 20.69 | 20.50 | |
| 5 | 64QAM | 12 | 13 | 21.63 | 20.70 | 20.67 | |
| 5 | 64QAM | 25 | 0 | 21.62 | 20.72 | 20.57 | |
| 5 | 256QAM | 1 | 0 | 18.70 | 18.80 | 18.88 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.94 | 18.88 | |
| 5 | 256QAM | 1 | 24 | 18.80 | 18.87 | 19.03 | |
| 5 | 256QAM | 12 | 0 | 18.62 | 18.74 | 18.78 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.68 | 18.79 | 18.77 | |
| 5 | 256QAM | 12 | 13 | 18.80 | 18.83 | 18.88 | |
| 5 | 256QAM | 25 | 0 | 18.76 | 18.77 | 18.83 | |
| Channel | | | | 18575 | 18900 | 19225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 23.56 | 23.50 | 23.66 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.51 | 23.65 | 23.57 | |
| 3 | QPSK | 1 | 14 | 23.51 | 23.52 | 23.54 | |
| 3 | QPSK | 8 | 0 | 22.52 | 22.70 | 22.69 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.67 | 22.70 | 22.69 | |
| 3 | QPSK | 8 | 7 | 22.64 | 22.76 | 22.78 | |
| 3 | QPSK | 15 | 0 | 22.61 | 22.67 | 22.67 | |
| 3 | 16QAM | 1 | 0 | 22.91 | 22.91 | 22.96 | 24.5 |
| 3 | 16QAM | 1 | 8 | 22.81 | 22.89 | 22.88 | |
| 3 | 16QAM | 1 | 14 | 22.83 | 22.87 | 22.85 | |
| 3 | 16QAM | 8 | 0 | 21.55 | 21.66 | 21.72 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.62 | 21.66 | 21.76 | |
| 3 | 16QAM | 8 | 7 | 21.59 | 21.71 | 21.76 | |
| 3 | 16QAM | 15 | 0 | 21.55 | 21.62 | 21.72 | |
| 3 | 64QAM | 1 | 0 | 22.70 | 21.80 | 21.80 | 23.5 |
| 3 | 64QAM | 1 | 8 | 22.66 | 21.79 | 21.53 | |
| 3 | 64QAM | 1 | 14 | 22.82 | 21.79 | 21.73 | |
| 3 | 64QAM | 8 | 0 | 21.52 | 20.73 | 20.67 | 22.5 |
| 3 | 64QAM | 8 | 4 | 21.56 | 20.73 | 21.58 | |
| 3 | 64QAM | 8 | 7 | 21.57 | 20.78 | 20.69 | |
| 3 | 64QAM | 15 | 0 | 21.63 | 20.74 | 20.54 | |
| 3 | 256QAM | 1 | 0 | 18.70 | 18.81 | 18.88 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.81 | 18.95 | 18.95 | |
| 3 | 256QAM | 1 | 14 | 18.83 | 18.94 | 19.03 | |
| 3 | 256QAM | 8 | 0 | 18.59 | 18.66 | 18.70 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.74 | 18.72 | 18.75 | |
| 3 | 256QAM | 8 | 7 | 18.74 | 18.84 | 18.91 | |
| 3 | 256QAM | 15 | 0 | 18.71 | 18.80 | 18.84 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 23.51 | 23.52 | 23.57 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.56 | 23.61 | 23.63 | |
| 1.4 | QPSK | 1 | 5 | 23.50 | 23.57 | 23.58 | |
| 1.4 | QPSK | 3 | 0 | 23.55 | 23.54 | 23.61 | |
| 1.4 | QPSK | 3 | 1 | 23.58 | 23.65 | 23.66 | |
| 1.4 | QPSK | 3 | 3 | 23.53 | 23.60 | 23.63 | |
| 1.4 | QPSK | 6 | 0 | 22.59 | 22.56 | 22.72 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.72 | 22.79 | 22.95 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 22.80 | 22.95 | 22.96 | |
| 1.4 | 16QAM | 1 | 5 | 22.74 | 22.85 | 22.92 | |
| 1.4 | 16QAM | 3 | 0 | 22.51 | 22.62 | 22.69 | |
| 1.4 | 16QAM | 3 | 1 | 22.58 | 22.71 | 22.74 | |
| 1.4 | 16QAM | 3 | 3 | 22.50 | 22.66 | 22.66 | |
| 1.4 | 16QAM | 6 | 0 | 21.57 | 21.68 | 21.70 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.68 | 21.76 | 21.94 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.70 | 21.86 | 21.89 | |
| 1.4 | 64QAM | 1 | 5 | 21.62 | 21.82 | 21.83 | |
| 1.4 | 64QAM | 3 | 0 | 21.64 | 21.71 | 21.82 | |
| 1.4 | 64QAM | 3 | 1 | 21.67 | 21.84 | 21.87 | |
| 1.4 | 64QAM | 3 | 3 | 21.64 | 21.78 | 21.80 | |
| 1.4 | 64QAM | 6 | 0 | 20.51 | 20.60 | 20.74 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.63 | 18.60 | 18.62 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.64 | 18.67 | 18.66 | |
| 1.4 | 256QAM | 1 | 5 | 18.67 | 18.67 | 18.60 | |
| 1.4 | 256QAM | 3 | 0 | 18.65 | 18.68 | 18.61 | |
| 1.4 | 256QAM | 3 | 1 | 18.62 | 18.65 | 18.66 | |
| 1.4 | 256QAM | 3 | 3 | 18.64 | 18.69 | 18.67 | |
| 1.4 | 256QAM | 6 | 0 | 18.66 | 18.67 | 18.67 | 20.5 |

## Band 4_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 23.99 | 24.00 | 23.98 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.82 | 23.81 | 23.78 | |
| 20 | QPSK | 1 | 99 | 23.78 | 23.79 | 23.72 | |
| 20 | QPSK | 50 | 0 | 23.01 | 23.03 | 22.98 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.03 | 22.94 | 22.91 | |
| 20 | QPSK | 50 | 50 | 22.95 | 22.90 | 22.89 | |
| 20 | QPSK | 100 | 0 | 23.00 | 22.97 | 22.87 | |
| 20 | 16QAM | 1 | 0 | 23.34 | 23.29 | 23.33 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.17 | 23.19 | 23.11 | |
| 20 | 16QAM | 1 | 99 | 23.15 | 23.09 | 23.04 | |
| 20 | 16QAM | 50 | 0 | 22.02 | 22.03 | 21.98 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.05 | 21.96 | 21.90 | |
| 20 | 16QAM | 50 | 50 | 21.98 | 21.94 | 21.90 | |
| 20 | 16QAM | 100 | 0 | 22.01 | 21.96 | 21.90 | |
| 20 | 64QAM | 1 | 0 | 21.23 | 22.22 | 22.06 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.03 | 22.01 | 22.02 | |
| 20 | 64QAM | 1 | 99 | 22.04 | 21.91 | 21.98 | |
| 20 | 64QAM | 50 | 0 | 20.86 | 21.07 | 20.83 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.05 | 20.99 | 20.94 | |
| 20 | 64QAM | 50 | 50 | 21.00 | 20.86 | 20.93 | |
| 20 | 64QAM | 100 | 0 | 21.08 | 20.97 | 20.92 | |
| 20 | 256QAM | 1 | 0 | 19.01 | 18.86 | 19.02 | 20.5 |
| 20 | 256QAM | 1 | 49 | 19.04 | 18.86 | 18.81 | |
| 20 | 256QAM | 1 | 99 | 19.10 | 19.01 | 18.99 | |
| 20 | 256QAM | 50 | 0 | 18.94 | 18.91 | 18.88 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.91 | 18.90 | 18.86 | |
| 20 | 256QAM | 50 | 50 | 18.94 | 18.97 | 18.88 | |
| 20 | 256QAM | 100 | 0 | 19.07 | 18.93 | 18.91 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 23.90 | 23.95 | 23.95 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.80 | 23.78 | 23.78 | |
| 15 | QPSK | 1 | 74 | 23.75 | 23.70 | 23.70 | |
| 15 | QPSK | 36 | 0 | 23.00 | 23.01 | 22.98 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.02 | 22.93 | 22.89 | |
| 15 | QPSK | 36 | 39 | 22.91 | 22.89 | 22.85 | |
| 15 | QPSK | 75 | 0 | 22.90 | 22.90 | 22.89 | |
| 15 | 16QAM | 1 | 0 | 23.34 | 23.27 | 23.31 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.11 | 23.11 | 23.04 | |
| 15 | 16QAM | 1 | 74 | 23.06 | 23.04 | 22.98 | |
| 15 | 16QAM | 36 | 0 | 21.95 | 21.97 | 21.91 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.96 | 21.88 | 21.85 | |
| 15 | 16QAM | 36 | 39 | 21.90 | 21.88 | 21.85 | |
| 15 | 16QAM | 75 | 0 | 21.99 | 21.96 | 21.82 | |
| 15 | 64QAM | 1 | 0 | 21.21 | 22.13 | 22.02 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.94 | 22.00 | 21.95 | |
| 15 | 64QAM | 1 | 74 | 22.02 | 21.86 | 21.98 | |
| 15 | 64QAM | 36 | 0 | 20.80 | 21.02 | 20.81 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.04 | 20.93 | 20.87 | |
| 15 | 64QAM | 36 | 39 | 20.92 | 20.85 | 20.84 | |
| 15 | 64QAM | 75 | 0 | 20.99 | 20.92 | 20.86 | |
| 15 | 256QAM | 1 | 0 | 18.93 | 18.86 | 19.01 | 20.5 |
| 15 | 256QAM | 1 | 37 | 19.03 | 18.76 | 18.80 | |
| 15 | 256QAM | 1 | 74 | 19.00 | 18.97 | 18.93 | |
| 15 | 256QAM | 36 | 0 | 18.84 | 18.89 | 18.78 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.82 | 18.87 | 18.76 | |
| 15 | 256QAM | 36 | 39 | 18.90 | 18.94 | 18.84 | |
| 15 | 256QAM | 75 | 0 | 19.01 | 18.89 | 18.83 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 23.93 | 23.95 | 23.98 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.72 | 23.78 | 23.78 | |
| 10 | QPSK | 1 | 49 | 23.72 | 23.77 | 23.67 | |
| 10 | QPSK | 25 | 0 | 22.92 | 23.03 | 22.90 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.95 | 22.88 | 22.84 | |
| 10 | QPSK | 25 | 25 | 22.88 | 22.85 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.95 | 22.89 | 22.82 | |
| 10 | 16QAM | 1 | 0 | 23.26 | 23.25 | 23.32 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.15 | 23.12 | 23.09 | |
| 10 | 16QAM | 1 | 49 | 23.12 | 23.09 | 22.98 | |
| 10 | 16QAM | 25 | 0 | 21.98 | 21.93 | 21.97 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.04 | 21.96 | 21.82 | |
| 10 | 16QAM | 25 | 25 | 21.95 | 21.87 | 21.90 | |
| 10 | 16QAM | 50 | 0 | 21.91 | 21.86 | 21.82 | |
| 10 | 64QAM | 1 | 0 | 21.21 | 22.19 | 22.02 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.00 | 21.92 | 21.96 | |
| 10 | 64QAM | 1 | 49 | 22.00 | 21.82 | 21.96 | |
| 10 | 64QAM | 25 | 0 | 20.83 | 21.03 | 20.83 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.02 | 20.99 | 20.94 | |
| 10 | 64QAM | 25 | 25 | 20.96 | 20.85 | 20.88 | |
| 10 | 64QAM | 50 | 0 | 20.98 | 20.89 | 20.86 | |
| 10 | 256QAM | 1 | 0 | 18.94 | 18.80 | 18.98 | 20.5 |
| 10 | 256QAM | 1 | 25 | 19.04 | 18.80 | 18.80 | |
| 10 | 256QAM | 1 | 49 | 19.02 | 18.91 | 18.92 | |
| 10 | 256QAM | 25 | 0 | 18.94 | 18.85 | 18.87 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.83 | 18.89 | 18.83 | |
| 10 | 256QAM | 25 | 25 | 18.94 | 18.93 | 18.84 | |
| 10 | 256QAM | 50 | 0 | 19.00 | 18.92 | 18.91 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 23.97 | 23.98 | 23.88 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.81 | 23.80 | 23.78 | |
| 5 | QPSK | 1 | 24 | 23.70 | 23.74 | 23.64 | |
| 5 | QPSK | 12 | 0 | 22.93 | 22.94 | 22.98 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.94 | 22.93 | 22.84 | |
| 5 | QPSK | 12 | 13 | 22.93 | 22.84 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.90 | 22.90 | 22.86 | |
| 5 | 16QAM | 1 | 0 | 23.27 | 23.23 | 23.29 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.13 | 23.18 | 23.08 | |
| 5 | 16QAM | 1 | 24 | 23.09 | 23.00 | 23.00 | |
| 5 | 16QAM | 12 | 0 | 21.95 | 21.98 | 21.93 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.04 | 21.89 | 21.86 | |
| 5 | 16QAM | 12 | 13 | 21.96 | 21.90 | 21.89 | |
| 5 | 16QAM | 25 | 0 | 21.97 | 21.96 | 21.86 | |
| 5 | 64QAM | 1 | 0 | 21.16 | 22.20 | 22.04 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.99 | 21.97 | 22.01 | |
| 5 | 64QAM | 1 | 24 | 22.03 | 21.85 | 21.90 | |
| 5 | 64QAM | 12 | 0 | 20.86 | 21.00 | 20.80 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.02 | 20.89 | 20.88 | |
| 5 | 64QAM | 12 | 13 | 21.00 | 20.76 | 20.83 | |
| 5 | 64QAM | 25 | 0 | 21.00 | 20.92 | 20.85 | |
| 5 | 256QAM | 1 | 0 | 19.01 | 18.79 | 19.02 | 20.5 |
| 5 | 256QAM | 1 | 12 | 19.04 | 18.77 | 18.74 | |
| 5 | 256QAM | 1 | 24 | 19.04 | 18.92 | 18.89 | |
| 5 | 256QAM | 12 | 0 | 18.87 | 18.90 | 18.80 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.89 | 18.88 | 18.83 | |
| 5 | 256QAM | 12 | 13 | 18.86 | 18.88 | 18.86 | |
| 5 | 256QAM | 25 | 0 | 19.04 | 18.93 | 18.83 | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 23.89 | 23.93 | 23.98 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.81 | 23.80 | 23.71 | |
| 3 | QPSK | 1 | 14 | 23.78 | 23.79 | 23.67 | |
| 3 | QPSK | 8 | 0 | 22.99 | 23.03 | 22.90 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.98 | 22.91 | 22.85 | |
| 3 | QPSK | 8 | 7 | 22.89 | 22.80 | 22.83 | |
| 3 | QPSK | 15 | 0 | 22.91 | 22.97 | 22.85 | |
| 3 | 16QAM | 1 | 0 | 23.32 | 23.24 | 23.24 | 24.5 |
| 3 | 16QAM | 1 | 8 | 23.13 | 23.15 | 23.04 | |
| 3 | 16QAM | 1 | 14 | 23.07 | 23.03 | 22.94 | |
| 3 | 16QAM | 8 | 0 | 22.01 | 22.01 | 21.91 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.95 | 21.95 | 21.83 | |
| 3 | 16QAM | 8 | 7 | 21.95 | 21.86 | 21.84 | |
| 3 | 16QAM | 15 | 0 | 21.92 | 21.94 | 21.83 | |
| 3 | 64QAM | 1 | 0 | 21.16 | 22.17 | 22.02 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.99 | 21.96 | 21.98 | |
| 3 | 64QAM | 1 | 14 | 22.03 | 21.89 | 21.88 | |
| 3 | 64QAM | 8 | 0 | 20.81 | 20.97 | 20.82 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.99 | 20.92 | 20.93 | |
| 3 | 64QAM | 8 | 7 | 20.95 | 20.76 | 20.88 | |
| 3 | 64QAM | 15 | 0 | 21.06 | 20.92 | 20.85 | |
| 3 | 256QAM | 1 | 0 | 19.01 | 18.85 | 18.95 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.98 | 18.79 | 18.79 | |
| 3 | 256QAM | 1 | 14 | 19.03 | 18.93 | 18.96 | |
| 3 | 256QAM | 8 | 0 | 18.89 | 18.89 | 18.87 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.90 | 18.84 | 18.81 | |
| 3 | 256QAM | 8 | 7 | 18.93 | 18.89 | 18.87 | |
| 3 | 256QAM | 15 | 0 | 19.01 | 18.91 | 18.82 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 23.72 | 23.83 | 23.75 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.81 | 23.88 | 23.84 | |
| 1.4 | QPSK | 1 | 5 | 23.76 | 23.82 | 23.76 | |
| 1.4 | QPSK | 3 | 0 | 23.76 | 23.84 | 23.80 | |
| 1.4 | QPSK | 3 | 1 | 23.84 | 23.86 | 23.82 | |
| 1.4 | QPSK | 3 | 3 | 23.77 | 23.86 | 23.80 | |
| 1.4 | QPSK | 6 | 0 | 22.82 | 22.88 | 22.87 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.99 | 23.14 | 23.07 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 23.12 | 23.21 | 23.15 | |
| 1.4 | 16QAM | 1 | 5 | 23.08 | 23.14 | 23.10 | |
| 1.4 | 16QAM | 3 | 0 | 22.87 | 22.92 | 22.89 | |
| 1.4 | 16QAM | 3 | 1 | 22.92 | 22.99 | 22.92 | |
| 1.4 | 16QAM | 3 | 3 | 22.91 | 22.91 | 22.88 | |
| 1.4 | 16QAM | 6 | 0 | 22.01 | 21.95 | 21.94 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.03 | 22.03 | 22.01 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.12 | 22.14 | 22.12 | |
| 1.4 | 64QAM | 1 | 5 | 21.08 | 22.05 | 22.04 | |
| 1.4 | 64QAM | 3 | 0 | 21.06 | 22.04 | 22.00 | |
| 1.4 | 64QAM | 3 | 1 | 21.20 | 22.08 | 22.04 | |
| 1.4 | 64QAM | 3 | 3 | 21.14 | 22.07 | 22.00 | |
| 1.4 | 64QAM | 6 | 0 | 20.02 | 20.93 | 20.86 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.98 | 18.76 | 19.01 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.94 | 18.79 | 18.78 | |
| 1.4 | 256QAM | 1 | 5 | 19.08 | 18.94 | 18.91 | |
| 1.4 | 256QAM | 3 | 0 | 18.86 | 18.85 | 18.87 | |
| 1.4 | 256QAM | 3 | 1 | 18.84 | 18.84 | 18.81 | |
| 1.4 | 256QAM | 3 | 3 | 18.87 | 18.95 | 18.85 | |
| 1.4 | 256QAM | 6 | 0 | 19.06 | 18.83 | 18.85 | 20.5 |

## Band 5_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.47 | 23.57 | 23.64 | |
| 10 | QPSK | 1 | 25 | 23.51 | 23.56 | 23.53 | 25 |
| 10 | QPSK | 1 | 49 | 23.58 | 23.53 | 23.45 | |
| 10 | QPSK | 25 | 0 | 22.63 | 22.66 | 22.63 | |
| 10 | QPSK | 25 | 12 | 22.72 | 22.67 | 22.62 | 24 |
| 10 | QPSK | 25 | 25 | 22.68 | 22.70 | 22.64 | |
| 10 | QPSK | 50 | 0 | 22.72 | 22.66 | 22.59 | |
| 10 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.97 | |
| 10 | 16QAM | 1 | 25 | 22.92 | 22.98 | 22.92 | 24 |
| 10 | 16QAM | 1 | 49 | 22.96 | 22.93 | 22.83 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.65 | 21.58 | |
| 10 | 16QAM | 25 | 12 | 21.71 | 21.67 | 21.63 | 23 |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.71 | 21.62 | |
| 10 | 16QAM | 50 | 0 | 21.70 | 21.64 | 21.62 | |
| 10 | 64QAM | 1 | 0 | 21.74 | 21.77 | 21.81 | |
| 10 | 64QAM | 1 | 25 | 21.86 | 21.90 | 21.75 | 23 |
| 10 | 64QAM | 1 | 49 | 21.87 | 21.83 | 21.17 | |
| 10 | 64QAM | 25 | 0 | 20.66 | 20.69 | 20.66 | |
| 10 | 64QAM | 25 | 12 | 20.77 | 20.72 | 20.67 | 22 |
| 10 | 64QAM | 25 | 25 | 20.71 | 20.74 | 20.45 | |
| 10 | 64QAM | 50 | 0 | 20.73 | 20.69 | 20.66 | |
| 10 | 256QAM | 1 | 0 | 18.48 | 18.63 | 18.58 | |
| 10 | 256QAM | 1 | 25 | 18.53 | 18.50 | 18.61 | 20 |
| 10 | 256QAM | 1 | 49 | 18.50 | 18.63 | 18.54 | |
| 10 | 256QAM | 25 | 0 | 18.47 | 18.48 | 18.45 | |
| 10 | 256QAM | 25 | 12 | 18.49 | 18.42 | 18.39 | 20 |
| 10 | 256QAM | 25 | 25 | 18.36 | 18.48 | 18.48 | |
| 10 | 256QAM | 50 | 0 | 18.51 | 18.49 | 18.44 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.61 | 23.62 | 23.60 | |
| 5 | QPSK | 1 | 12 | 23.60 | 23.63 | 23.62 | 25 |
| 5 | QPSK | 1 | 24 | 23.57 | 23.59 | 23.53 | |
| 5 | QPSK | 12 | 0 | 22.83 | 22.73 | 22.65 | |
| 5 | QPSK | 12 | 7 | 22.70 | 22.74 | 22.58 | 24 |
| 5 | QPSK | 12 | 13 | 22.65 | 22.67 | 22.57 | |
| 5 | QPSK | 25 | 0 | 22.68 | 22.72 | 22.59 | |
| 5 | 16QAM | 1 | 0 | 22.94 | 23.01 | 22.93 | |
| 5 | 16QAM | 1 | 12 | 22.92 | 22.99 | 22.84 | 24 |
| 5 | 16QAM | 1 | 24 | 22.94 | 22.96 | 22.80 | |
| 5 | 16QAM | 12 | 0 | 21.67 | 21.75 | 21.67 | |
| 5 | 16QAM | 12 | 7 | 21.71 | 21.77 | 21.61 | 23 |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.69 | 21.58 | |
| 5 | 16QAM | 25 | 0 | 21.72 | 21.74 | 21.60 | |
| 5 | 64QAM | 1 | 0 | 21.86 | 21.95 | 21.86 | |
| 5 | 64QAM | 1 | 12 | 21.83 | 21.90 | 21.28 | 23 |
| 5 | 64QAM | 1 | 24 | 21.88 | 21.91 | 21.09 | |
| 5 | 64QAM | 12 | 0 | 20.74 | 20.80 | 20.55 | |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.81 | 20.29 | 22 |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.75 | 20.28 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.76 | 20.33 | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.58 | 18.58 | |
| 5 | 256QAM | 1 | 12 | 18.50 | 18.40 | 18.53 | 20 |
| 5 | 256QAM | 1 | 24 | 18.50 | 18.53 | 18.46 | |
| 5 | 256QAM | 12 | 0 | 18.40 | 18.44 | 18.40 | |
| 5 | 256QAM | 12 | 7 | 18.44 | 18.37 | 18.36 | 20 |
| 5 | 256QAM | 12 | 13 | 18.35 | 18.39 | 18.46 | |
| 5 | 256QAM | 25 | 0 | 18.43 | 18.45 | 18.39 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.39 | 23.47 | 23.61 | |
| 3 | QPSK | 1 | 8 | 23.49 | 23.53 | 23.46 | 25 |
| 3 | QPSK | 1 | 14 | 23.51 | 23.51 | 23.42 | |
| 3 | QPSK | 8 | 0 | 22.55 | 22.58 | 22.58 | |
| 3 | QPSK | 8 | 4 | 22.68 | 22.58 | 22.54 | 24 |
| 3 | QPSK | 8 | 7 | 22.63 | 22.65 | 22.58 | |
| 3 | QPSK | 15 | 0 | 22.62 | 22.60 | 22.50 | |
| 3 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.90 | |
| 3 | 16QAM | 1 | 8 | 22.87 | 22.97 | 22.86 | 24 |
| 3 | 16QAM | 1 | 14 | 22.94 | 22.90 | 22.73 | |
| 3 | 16QAM | 8 | 0 | 21.56 | 21.59 | 21.57 | |
| 3 | 16QAM | 8 | 4 | 21.64 | 21.62 | 21.63 | 23 |
| 3 | 16QAM | 8 | 7 | 21.61 | 21.66 | 21.57 | |
| 3 | 16QAM | 15 | 0 | 21.69 | 21.54 | 21.52 | |
| 3 | 64QAM | 1 | 0 | 21.65 | 21.67 | 21.74 | |
| 3 | 64QAM | 1 | 8 | 21.78 | 21.83 | 21.69 | 23 |
| 3 | 64QAM | 1 | 14 | 21.81 | 21.79 | 21.16 | |
| 3 | 64QAM | 8 | 0 | 20.61 | 20.60 | 20.61 | |
| 3 | 64QAM | 8 | 4 | 20.76 | 20.72 | 20.60 | 22 |
| 3 | 64QAM | 8 | 7 | 20.63 | 20.72 | 20.41 | |
| 3 | 64QAM | 15 | 0 | 20.65 | 20.59 | 20.59 | |
| 3 | 256QAM | 1 | 0 | 18.40 | 18.61 | 18.49 | |
| 3 | 256QAM | 1 | 8 | 18.43 | 18.47 | 18.51 | 20 |
| 3 | 256QAM | 1 | 14 | 18.45 | 18.63 | 18.45 | |
| 3 | 256QAM | 8 | 0 | 18.39 | 18.44 | 18.36 | |
| 3 | 256QAM | 8 | 4 | 18.46 | 18.37 | 18.39 | 20 |
| 3 | 256QAM | 8 | 7 | 18.34 | 18.42 | 18.43 | |
| 3 | 256QAM | 15 | 0 | 18.46 | 18.44 | 18.35 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.45 | 23.52 | 23.43 | |
| 1.4 | QPSK | 1 | 3 | 23.54 | 23.58 | 23.49 | |
| 1.4 | QPSK | 1 | 5 | 23.47 | 23.51 | 23.39 | 25 |
| 1.4 | QPSK | 3 | 0 | 23.53 | 23.52 | 23.47 | |
| 1.4 | QPSK | 3 | 1 | 23.57 | 23.62 | 23.50 | |
| 1.4 | QPSK | 3 | 3 | 23.53 | 23.57 | 23.48 | |
| 1.4 | QPSK | 6 | 0 | 22.58 | 22.64 | 22.51 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.79 | 22.84 | 22.78 | |
| 1.4 | 16QAM | 1 | 3 | 22.89 | 22.94 | 22.77 | |
| 1.4 | 16QAM | 1 | 5 | 22.82 | 22.86 | 22.72 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.63 | 22.64 | 22.54 | |
| 1.4 | 16QAM | 3 | 1 | 22.69 | 22.72 | 22.59 | |
| 1.4 | 16QAM | 3 | 3 | 22.61 | 22.63 | 22.49 | |
| 1.4 | 16QAM | 6 | 0 | 21.64 | 21.71 | 21.58 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.74 | 21.75 | 21.39 | |
| 1.4 | 64QAM | 1 | 3 | 21.84 | 21.91 | 21.44 | |
| 1.4 | 64QAM | 1 | 5 | 21.75 | 21.82 | 21.39 | 23 |
| 1.4 | 64QAM | 3 | 0 | 21.78 | 21.74 | 21.32 | |
| 1.4 | 64QAM | 3 | 1 | 21.78 | 21.84 | 21.44 | |
| 1.4 | 64QAM | 3 | 3 | 21.75 | 21.75 | 21.47 | |
| 1.4 | 64QAM | 6 | 0 | 20.60 | 20.65 | 20.30 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.46 | 18.60 | 18.51 | |
| 1.4 | 256QAM | 1 | 3 | 18.46 | 18.47 | 18.61 | |
| 1.4 | 256QAM | 1 | 5 | 18.42 | 18.53 | 18.54 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.45 | 18.47 | 18.41 | |
| 1.4 | 256QAM | 3 | 1 | 18.39 | 18.32 | 18.38 | |
| 1.4 | 256QAM | 3 | 3 | 18.34 | 18.39 | 18.41 | |
| 1.4 | 256QAM | 6 | 0 | 18.51 | 18.40 | 18.42 | 20 |

## Band 7_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 23.91 | 23.94 | 23.99 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.93 | 23.99 | 23.94 | |
| 20 | QPSK | 1 | 99 | 23.99 | 24.06 | 24.02 | |
| 20 | QPSK | 50 | 0 | 22.97 | 23.02 | 23.02 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.10 | 23.09 | 23.06 | |
| 20 | QPSK | 50 | 50 | 23.11 | 23.16 | 23.13 | |
| 20 | QPSK | 100 | 0 | 23.07 | 23.07 | 23.05 | |
| 20 | 16QAM | 1 | 0 | 23.27 | 23.30 | 23.29 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.29 | 23.38 | 23.36 | |
| 20 | 16QAM | 1 | 99 | 23.33 | 23.40 | 23.34 | |
| 20 | 16QAM | 50 | 0 | 21.98 | 22.04 | 22.02 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.10 | 22.10 | 22.06 | |
| 20 | 16QAM | 50 | 50 | 22.13 | 22.17 | 22.14 | |
| 20 | 16QAM | 100 | 0 | 22.06 | 22.07 | 22.03 | |
| 20 | 64QAM | 1 | 0 | 22.08 | 22.17 | 22.10 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.16 | 22.26 | 22.21 | |
| 20 | 64QAM | 1 | 99 | 22.24 | 22.32 | 22.27 | |
| 20 | 64QAM | 50 | 0 | 21.00 | 21.08 | 21.05 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.12 | 21.11 | 21.08 | |
| 20 | 64QAM | 50 | 50 | 21.15 | 21.21 | 21.15 | |
| 20 | 64QAM | 100 | 0 | 21.12 | 21.05 | 21.07 | |
| 20 | 256QAM | 1 | 0 | 19.20 | 19.27 | 19.13 | 20.5 |
| 20 | 256QAM | 1 | 49 | 19.26 | 19.16 | 19.22 | |
| 20 | 256QAM | 1 | 99 | 19.12 | 19.17 | 19.11 | |
| 20 | 256QAM | 50 | 0 | 19.12 | 19.12 | 19.07 | 20.5 |
| 20 | 256QAM | 50 | 24 | 19.22 | 19.14 | 19.10 | |
| 20 | 256QAM | 50 | 50 | 19.17 | 19.16 | 19.13 | |
| 20 | 256QAM | 100 | 0 | 19.23 | 19.11 | 19.05 | |
| Channel | | | | 20525 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 23.83 | 23.84 | 23.95 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.86 | 23.90 | 23.85 | |
| 15 | QPSK | 1 | 74 | 23.97 | 24.04 | 23.94 | |
| 15 | QPSK | 36 | 0 | 22.95 | 22.98 | 23.00 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.06 | 23.04 | 23.04 | |
| 15 | QPSK | 36 | 39 | 23.08 | 23.13 | 23.09 | |
| 15 | QPSK | 75 | 0 | 23.02 | 23.01 | 23.01 | |
| 15 | 16QAM | 1 | 0 | 23.23 | 23.30 | 23.29 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.24 | 23.36 | 23.30 | |
| 15 | 16QAM | 1 | 74 | 23.31 | 23.34 | 23.24 | |
| 15 | 16QAM | 36 | 0 | 21.88 | 22.04 | 22.01 | 23.5 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.02 | 21.97 | |
| 15 | 16QAM | 36 | 39 | 22.10 | 22.09 | 22.14 | |
| 15 | 16QAM | 75 | 0 | 21.98 | 22.05 | 21.94 | |
| 15 | 64QAM | 1 | 0 | 22.07 | 22.08 | 22.06 | 23.5 |
| 15 | 64QAM | 1 | 37 | 22.09 | 22.20 | 22.19 | |
| 15 | 64QAM | 1 | 74 | 22.14 | 22.25 | 22.17 | |
| 15 | 64QAM | 36 | 0 | 20.95 | 20.98 | 21.02 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.03 | 21.02 | 21.06 | |
| 15 | 64QAM | 36 | 39 | 21.12 | 21.21 | 21.06 | |
| 15 | 64QAM | 75 | 0 | 21.06 | 21.05 | 21.00 | |
| 15 | 256QAM | 1 | 0 | 19.17 | 19.25 | 19.13 | 20.5 |
| 15 | 256QAM | 1 | 37 | 19.16 | 19.12 | 19.19 | |
| 15 | 256QAM | 1 | 74 | 19.04 | 19.15 | 19.02 | |
| 15 | 256QAM | 36 | 0 | 19.04 | 19.12 | 19.04 | 20.5 |
| 15 | 256QAM | 36 | 20 | 19.14 | 19.05 | 19.05 | |
| 15 | 256QAM | 36 | 39 | 19.16 | 19.14 | 19.08 | |
| 15 | 256QAM | 75 | 0 | 19.23 | 19.04 | 18.97 | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 23.89 | 23.92 | 23.99 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.93 | 23.90 | 23.84 | |
| 10 | QPSK | 1 | 49 | 23.90 | 24.01 | 23.96 | |
| 10 | QPSK | 25 | 0 | 22.91 | 22.99 | 22.97 | 24.5 |
| 10 | QPSK | 25 | 12 | 23.07 | 23.06 | 23.00 | |
| 10 | QPSK | 25 | 25 | 23.03 | 23.09 | 23.03 | |
| 10 | QPSK | 50 | 0 | 22.99 | 23.08 | 23.01 | |
| 10 | 16QAM | 1 | 0 | 23.17 | 23.24 | 23.26 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.27 | 23.34 | 23.35 | |
| 10 | 16QAM | 1 | 49 | 23.31 | 23.39 | 23.31 | |
| 10 | 16QAM | 25 | 0 | 21.92 | 22.00 | 21.95 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.07 | 22.08 | 22.06 | |
| 10 | 16QAM | 25 | 25 | 22.08 | 22.10 | 22.07 | |
| 10 | 16QAM | 50 | 0 | 22.02 | 22.04 | 22.00 | |
| 10 | 64QAM | 1 | 0 | 22.00 | 22.13 | 22.10 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.06 | 22.16 | 22.18 | |
| 10 | 64QAM | 1 | 49 | 22.14 | 22.31 | 22.25 | |
| 10 | 64QAM | 25 | 0 | 20.91 | 21.02 | 20.96 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.04 | 21.04 | 21.02 | |
| 10 | 64QAM | 25 | 25 | 21.08 | 21.14 | 21.09 | |
| 10 | 64QAM | 50 | 0 | 21.10 | 21.05 | 21.02 | |
| 10 | 256QAM | 1 | 0 | 19.15 | 19.19 | 19.09 | 20.5 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.07 | 19.22 | |
| 10 | 256QAM | 1 | 49 | 19.10 | 19.09 | 19.03 | |
| 10 | 256QAM | 25 | 0 | 19.02 | 19.05 | 18.98 | 20.5 |
| 10 | 256QAM | 25 | 12 | 19.21 | 19.07 | 19.09 | |
| 10 | 256QAM | 25 | 25 | 19.16 | 19.08 | 19.08 | |
| 10 | 256QAM | 50 | 0 | 19.18 | 19.04 | 18.99 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 23.84 | 23.93 | 23.98 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.93 | 23.93 | 23.88 | |
| 5 | QPSK | 1 | 24 | 23.89 | 24.02 | 23.95 | |
| 5 | QPSK | 12 | 0 | 22.96 | 22.93 | 22.99 | 24.5 |
| 5 | QPSK | 12 | 7 | 23.09 | 23.02 | 22.96 | |
| 5 | QPSK | 12 | 13 | 23.11 | 23.14 | 23.13 | |
| 5 | QPSK | 25 | 0 | 23.04 | 22.98 | 23.01 | |
| 5 | 16QAM | 1 | 0 | 23.17 | 23.28 | 23.19 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.25 | 23.33 | 23.30 | |
| 5 | 16QAM | 1 | 24 | 23.32 | 23.34 | 23.34 | |
| 5 | 16QAM | 12 | 0 | 21.94 | 21.98 | 21.98 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.03 | 22.02 | 22.05 | |
| 5 | 16QAM | 12 | 13 | 22.10 | 22.15 | 22.14 | |
| 5 | 16QAM | 25 | 0 | 22.00 | 22.07 | 21.95 | |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.10 | 22.09 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.21 | 22.15 | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.31 | 22.19 | |
| 5 | 64QAM | 12 | 0 | 20.91 | 20.99 | 20.99 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.07 | 21.02 | 21.03 | |
| 5 | 64QAM | 12 | 13 | 21.06 | 21.17 | 21.06 | |
| 5 | 64QAM | 25 | 0 | 21.04 | 21.02 | 21.07 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.25 | 19.11 | 20.5 |
| 5 | 256QAM | 1 | 12 | 19.26 | 19.08 | 19.15 | |
| 5 | 256QAM | 1 | 24 | 19.08 | 19.10 | 19.03 | |
| 5 | 256QAM | 12 | 0 | 19.08 | 19.06 | 19.06 | 20.5 |
| 5 | 256QAM | 12 | 7 | 19.22 | 19.13 | 19.00 | |
| 5 | 256QAM | 12 | 13 | 19.12 | 19.07 | 19.13 | |
| 5 | 256QAM | 25 | 0 | 19.22 | 19.07 | 19.02 | |

## Band 12_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.48 | 24.39 | 24.39 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.39 | 24.42 | 24.40 | |
| 10 | QPSK | 1 | 49 | 24.50 | 24.43 | 24.46 | |
| 10 | QPSK | 25 | 0 | 23.53 | 23.54 | 23.53 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.60 | 23.53 | 23.53 | |
| 10 | QPSK | 25 | 25 | 23.58 | 23.59 | 23.60 | |
| 10 | QPSK | 50 | 0 | 23.61 | 23.53 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.82 | 23.76 | 23.78 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.81 | 23.82 | 23.80 | |
| 10 | 16QAM | 1 | 49 | 23.87 | 23.85 | 23.78 | |
| 10 | 16QAM | 25 | 0 | 22.54 | 22.55 | 22.53 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.61 | 22.55 | 22.51 | |
| 10 | 16QAM | 25 | 25 | 22.59 | 22.60 | 22.57 | |
| 10 | 16QAM | 50 | 0 | 22.60 | 22.55 | 22.52 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.64 | 22.67 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.71 | 22.76 | 22.74 | |
| 10 | 64QAM | 1 | 49 | 22.73 | 22.54 | 22.39 | |
| 10 | 64QAM | 25 | 0 | 21.27 | 21.36 | 21.58 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.49 | 21.55 | 21.56 | |
| 10 | 64QAM | 25 | 25 | 21.53 | 21.60 | 21.61 | |
| 10 | 64QAM | 50 | 0 | 21.41 | 21.55 | 21.59 | |
| 10 | 256QAM | 1 | 0 | 19.47 | 19.66 | 19.47 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.53 | 19.73 | 19.49 | |
| 10 | 256QAM | 1 | 49 | 19.64 | 19.55 | 19.57 | |
| 10 | 256QAM | 25 | 0 | 19.44 | 19.46 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.45 | 19.40 | 19.46 | |
| 10 | 256QAM | 25 | 25 | 19.39 | 19.41 | 19.43 | |
| 10 | 256QAM | 50 | 0 | 19.51 | 19.43 | 19.41 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.47 | 24.39 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.49 | 24.48 | 24.49 | |
| 5 | QPSK | 1 | 24 | 24.47 | 24.49 | 24.46 | |
| 5 | QPSK | 12 | 0 | 23.62 | 23.54 | 23.55 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.55 | 23.59 | 23.50 | |
| 5 | QPSK | 12 | 13 | 23.55 | 23.54 | 23.51 | |
| 5 | QPSK | 25 | 0 | 23.58 | 23.52 | 23.52 | |
| 5 | 16QAM | 1 | 0 | 23.83 | 23.83 | 23.73 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.80 | 23.79 | 23.75 | |
| 5 | 16QAM | 1 | 24 | 23.82 | 23.80 | 23.76 | |
| 5 | 16QAM | 12 | 0 | 22.65 | 22.62 | 22.59 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.58 | 22.64 | 22.54 | |
| 5 | 16QAM | 12 | 13 | 22.60 | 22.59 | 22.54 | |
| 5 | 16QAM | 25 | 0 | 22.59 | 22.53 | 22.53 | |
| 5 | 64QAM | 1 | 0 | 22.24 | 22.37 | 22.66 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.49 | 22.74 | 22.69 | |
| 5 | 64QAM | 1 | 24 | 22.23 | 22.73 | 22.49 | |
| 5 | 64QAM | 12 | 0 | 21.35 | 21.64 | 21.69 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.45 | 21.67 | 21.61 | |
| 5 | 64QAM | 12 | 13 | 21.35 | 21.60 | 21.42 | |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.57 | 21.50 | |
| 5 | 256QAM | 1 | 0 | 19.38 | 19.56 | 19.45 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.50 | 19.64 | 19.39 | |
| 5 | 256QAM | 1 | 24 | 19.58 | 19.47 | 19.54 | |
| 5 | 256QAM | 12 | 0 | 19.43 | 19.36 | 19.32 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.36 | 19.32 | 19.45 | |
| 5 | 256QAM | 12 | 13 | 19.38 | 19.38 | 19.34 | |
| 5 | 256QAM | 25 | 0 | 19.47 | 19.33 | 19.33 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 24.46 | 24.37 | 24.33 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.34 | 24.42 | 24.36 | |
| 3 | QPSK | 1 | 14 | 24.43 | 24.33 | 24.36 | |
| 3 | QPSK | 8 | 0 | 23.43 | 23.54 | 23.48 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.52 | 23.49 | 23.51 | |
| 3 | QPSK | 8 | 7 | 23.49 | 23.58 | 23.51 | |
| 3 | QPSK | 15 | 0 | 23.58 | 23.51 | 23.45 | |
| 3 | 16QAM | 1 | 0 | 23.75 | 23.66 | 23.70 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.76 | 23.75 | 23.72 | |
| 3 | 16QAM | 1 | 14 | 23.65 | 23.83 | 23.69 | |
| 3 | 16QAM | 8 | 0 | 22.52 | 22.51 | 22.49 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.60 | 22.45 | 22.42 | |
| 3 | 16QAM | 8 | 7 | 22.50 | 22.50 | 22.54 | |
| 3 | 16QAM | 15 | 0 | 22.57 | 22.50 | 22.45 | |
| 3 | 64QAM | 1 | 0 | 22.47 | 22.55 | 22.67 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.66 | 22.72 | 22.74 | |
| 3 | 64QAM | 1 | 14 | 22.66 | 22.48 | 22.33 | |
| 3 | 64QAM | 8 | 0 | 21.17 | 21.31 | 21.50 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.40 | 21.52 | 21.55 | |
| 3 | 64QAM | 8 | 7 | 21.47 | 21.53 | 21.53 | |
| 3 | 64QAM | 15 | 0 | 21.31 | 21.49 | 21.50 | |
| 3 | 256QAM | 1 | 0 | 19.44 | 19.57 | 19.41 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.49 | 19.68 | 19.48 | |
| 3 | 256QAM | 1 | 14 | 19.58 | 19.54 | 19.49 | |
| 3 | 256QAM | 8 | 0 | 19.43 | 19.38 | 19.30 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.43 | 19.39 | 19.43 | |
| 3 | 256QAM | 8 | 7 | 19.37 | 19.41 | 19.42 | |
| 3 | 256QAM | 15 | 0 | 19.43 | 19.37 | 19.39 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 24.44 | 24.33 | 24.36 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.44 | 24.42 | 24.38 | |
| 1.4 | QPSK | 1 | 5 | 24.37 | 24.38 | 24.29 | |
| 1.4 | QPSK | 3 | 0 | 24.45 | 24.38 | 24.37 | |
| 1.4 | QPSK | 3 | 1 | 24.49 | 24.42 | 24.40 | |
| 1.4 | QPSK | 3 | 3 | 24.43 | 24.43 | 24.37 | |
| 1.4 | QPSK | 6 | 0 | 23.50 | 23.47 | 23.43 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.76 | 23.67 | 23.71 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.78 | 23.80 | 23.77 | |
| 1.4 | 16QAM | 1 | 5 | 23.70 | 23.69 | 23.63 | |
| 1.4 | 16QAM | 3 | 0 | 23.53 | 23.47 | 23.47 | |
| 1.4 | 16QAM | 3 | 1 | 23.58 | 23.51 | 23.50 | |
| 1.4 | 16QAM | 3 | 3 | 23.51 | 23.50 | 23.43 | |
| 1.4 | 16QAM | 6 | 0 | 22.57 | 22.56 | 22.49 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.34 | 22.61 | 22.37 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.45 | 22.72 | 22.34 | |
| 1.4 | 64QAM | 1 | 5 | 22.47 | 22.63 | 22.20 | |
| 1.4 | 64QAM | 3 | 0 | 22.26 | 22.56 | 22.39 | |
| 1.4 | 64QAM | 3 | 1 | 22.26 | 22.61 | 22.37 | |
| 1.4 | 64QAM | 3 | 3 | 22.37 | 22.61 | 22.26 | |
| 1.4 | 64QAM | 6 | 0 | 21.23 | 21.50 | 21.23 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.38 | 19.58 | 19.39 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.45 | 19.71 | 19.41 | |
| 1.4 | 256QAM | 1 | 5 | 19.61 | 19.54 | 19.53 | |
| 1.4 | 256QAM | 3 | 0 | 19.43 | 19.43 | 19.36 | |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.40 | 19.37 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.31 | 19.38 | |
| 1.4 | 256QAM | 6 | 0 | 19.49 | 19.37 | 19.39 | 20.7 |

| Band 13_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23230 | | |
| Frequency (MHz) | | | | | 782 | | |
| 10 | QPSK | 1 | 0 | | 23.53 | | 25 |
| 10 | QPSK | 1 | 25 | | 23.51 | | |
| 10 | QPSK | 1 | 49 | | 23.57 | | |
| 10 | QPSK | 25 | 0 | | 22.60 | | 24 |
| 10 | QPSK | 25 | 12 | | 22.61 | | |
| 10 | QPSK | 25 | 25 | | 22.65 | | |
| 10 | QPSK | 50 | 0 | | 22.61 | | |
| 10 | 16QAM | 1 | 0 | | 22.82 | | 24 |
| 10 | 16QAM | 1 | 25 | | 22.86 | | |
| 10 | 16QAM | 1 | 49 | | 22.88 | | |
| 10 | 16QAM | 25 | 0 | | 21.61 | | 23 |
| 10 | 16QAM | 25 | 12 | | 21.66 | | |
| 10 | 16QAM | 25 | 25 | | 21.69 | | |
| 10 | 16QAM | 50 | 0 | | 21.64 | | |
| 10 | 64QAM | 1 | 0 | | 21.69 | | 23 |
| 10 | 64QAM | 1 | 25 | | 21.81 | | |
| 10 | 64QAM | 1 | 49 | | 21.78 | | |
| 10 | 64QAM | 25 | 0 | | 20.65 | | 22 |
| 10 | 64QAM | 25 | 12 | | 20.69 | | |
| 10 | 64QAM | 25 | 25 | | 20.71 | | |
| 10 | 64QAM | 50 | 0 | | 20.68 | | |
| 10 | 256QAM | 1 | 0 | | 18.25 | | 20 |
| 10 | 256QAM | 1 | 25 | | 18.50 | | |
| 10 | 256QAM | 1 | 49 | | 18.70 | | |
| 10 | 256QAM | 25 | 0 | | 18.41 | | 20 |
| 10 | 256QAM | 25 | 12 | | 18.46 | | |
| 10 | 256QAM | 25 | 25 | | 18.59 | | |
| 10 | 256QAM | 50 | 0 | | 18.44 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 23.45 | 23.48 | 23.22 | 25 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.54 | 23.24 | |
| 5 | QPSK | 1 | 24 | 23.55 | 23.58 | 23.31 | |
| 5 | QPSK | 12 | 0 | 22.58 | 22.59 | 22.32 | 24 |
| 5 | QPSK | 12 | 7 | 22.62 | 22.63 | 22.40 | |
| 5 | QPSK | 12 | 13 | 22.65 | 22.67 | 22.36 | |
| 5 | QPSK | 25 | 0 | 22.65 | 22.63 | 22.37 | |
| 5 | 16QAM | 1 | 0 | 22.84 | 22.76 | 22.50 | 24 |
| 5 | 16QAM | 1 | 12 | 22.75 | 22.82 | 22.49 | |
| 5 | 16QAM | 1 | 24 | 22.84 | 22.85 | 22.51 | |
| 5 | 16QAM | 12 | 0 | 21.62 | 21.64 | 21.39 | 23 |
| 5 | 16QAM | 12 | 7 | 21.66 | 21.64 | 21.43 | |
| 5 | 16QAM | 12 | 13 | 21.68 | 21.71 | 21.42 | |
| 5 | 16QAM | 25 | 0 | 21.70 | 21.63 | 21.41 | |
| 5 | 64QAM | 1 | 0 | 21.73 | 21.68 | 21.42 | 23 |
| 5 | 64QAM | 1 | 12 | 21.69 | 21.81 | 21.49 | |
| 5 | 64QAM | 1 | 24 | 21.77 | 21.81 | 21.48 | |
| 5 | 64QAM | 12 | 0 | 20.66 | 20.70 | 20.43 | 22 |
| 5 | 64QAM | 12 | 7 | 20.72 | 20.67 | 20.45 | |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.75 | 20.43 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.66 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 18.16 | 18.24 | 18.22 | 20 |
| 5 | 256QAM | 1 | 12 | 18.43 | 18.45 | 18.47 | |
| 5 | 256QAM | 1 | 24 | 18.63 | 18.67 | 18.60 | |
| 5 | 256QAM | 12 | 0 | 18.37 | 18.35 | 18.38 | 20 |
| 5 | 256QAM | 12 | 7 | 18.46 | 18.36 | 18.40 | |
| 5 | 256QAM | 12 | 13 | 18.58 | 18.55 | 18.54 | |
| 5 | 256QAM | 25 | 0 | 18.37 | 18.34 | 18.41 | |

| Band 14_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23330 | | |
| Frequency (MHz) | | | | | 793 | | |
| 10 | QPSK | 1 | 0 | | 23.66 | | 25 |
| 10 | QPSK | 1 | 25 | | 23.60 | | |
| 10 | QPSK | 1 | 49 | | 23.58 | | |
| 10 | QPSK | 25 | 0 | | 22.63 | | 24 |
| 10 | QPSK | 25 | 12 | | 22.65 | | |
| 10 | QPSK | 25 | 25 | | 22.74 | | |
| 10 | QPSK | 50 | 0 | | 22.67 | | |
| 10 | 16QAM | 1 | 0 | | 23.02 | | 24 |
| 10 | 16QAM | 1 | 25 | | 22.99 | | |
| 10 | 16QAM | 1 | 49 | | 22.97 | | |
| 10 | 16QAM | 25 | 0 | | 21.65 | | 23 |
| 10 | 16QAM | 25 | 12 | | 21.68 | | |
| 10 | 16QAM | 25 | 25 | | 21.73 | | |
| 10 | 16QAM | 50 | 0 | | 21.66 | | |
| 10 | 64QAM | 1 | 0 | | 21.92 | | 23 |
| 10 | 64QAM | 1 | 25 | | 21.95 | | |
| 10 | 64QAM | 1 | 49 | | 21.90 | | |
| 10 | 64QAM | 25 | 0 | | 20.67 | | 22 |
| 10 | 64QAM | 25 | 12 | | 20.69 | | |
| 10 | 64QAM | 25 | 25 | | 20.76 | | |
| 10 | 64QAM | 50 | 0 | | 20.67 | | |
| 10 | 256QAM | 1 | 0 | | 18.45 | | 20 |
| 10 | 256QAM | 1 | 25 | | 18.58 | | |
| 10 | 256QAM | 1 | 49 | | 18.74 | | |
| 10 | 256QAM | 25 | 0 | | 18.50 | | 20 |
| 10 | 256QAM | 25 | 12 | | 18.44 | | |
| 10 | 256QAM | 25 | 25 | | 18.47 | | |
| 10 | 256QAM | 50 | 0 | | 18.50 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 23.58 | 23.55 | 23.58 | 25 |
| 5 | QPSK | 1 | 12 | 23.63 | 23.65 | 23.64 | |
| 5 | QPSK | 1 | 24 | 23.65 | 23.64 | 23.56 | |
| 5 | QPSK | 12 | 0 | 22.71 | 22.65 | 22.64 | 24 |
| 5 | QPSK | 12 | 7 | 22.70 | 22.73 | 22.70 | |
| 5 | QPSK | 12 | 13 | 22.71 | 22.73 | 22.68 | |
| 5 | QPSK | 25 | 0 | 22.69 | 22.66 | 22.63 | |
| 5 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.87 | 24 |
| 5 | 16QAM | 1 | 12 | 23.00 | 23.02 | 22.98 | |
| 5 | 16QAM | 1 | 24 | 22.96 | 23.00 | 22.90 | |
| 5 | 16QAM | 12 | 0 | 21.73 | 21.68 | 21.64 | 23 |
| 5 | 16QAM | 12 | 7 | 21.77 | 21.77 | 21.78 | |
| 5 | 16QAM | 12 | 13 | 21.73 | 21.72 | 21.68 | |
| 5 | 16QAM | 25 | 0 | 21.71 | 21.68 | 21.64 | |
| 5 | 64QAM | 1 | 0 | 21.87 | 21.89 | 21.85 | 23 |
| 5 | 64QAM | 1 | 12 | 21.93 | 22.00 | 21.94 | |
| 5 | 64QAM | 1 | 24 | 21.90 | 21.95 | 21.92 | |
| 5 | 64QAM | 12 | 0 | 20.80 | 20.71 | 20.69 | 22 |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.83 | 20.76 | |
| 5 | 64QAM | 12 | 13 | 20.75 | 20.76 | 20.69 | |
| 5 | 64QAM | 25 | 0 | 20.72 | 20.67 | 20.66 | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.37 | 18.42 | 20 |
| 5 | 256QAM | 1 | 12 | 18.55 | 18.48 | 18.55 | |
| 5 | 256QAM | 1 | 24 | 18.74 | 18.72 | 18.65 | |
| 5 | 256QAM | 12 | 0 | 18.50 | 18.42 | 18.48 | 20 |
| 5 | 256QAM | 12 | 7 | 18.38 | 18.34 | 18.35 | |
| 5 | 256QAM | 12 | 13 | 18.42 | 18.46 | 18.39 | |
| 5 | 256QAM | 25 | 0 | 18.40 | 18.47 | 18.44 | |

| Band 17_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 23.35 | 23.31 | 23.32 | 25 |
| 10 | QPSK | 1 | 25 | 23.36 | 23.37 | 23.37 | |
| 10 | QPSK | 1 | 49 | 23.37 | 23.45 | 23.38 | |
| 10 | QPSK | 25 | 0 | 22.38 | 22.39 | 22.41 | 24 |
| 10 | QPSK | 25 | 12 | 22.52 | 22.50 | 22.48 | |
| 10 | QPSK | 25 | 25 | 22.56 | 22.57 | 22.55 | |
| 10 | QPSK | 50 | 0 | 22.47 | 22.48 | 22.45 | |
| 10 | 16QAM | 1 | 0 | 22.70 | 22.68 | 22.69 | 24 |
| 10 | 16QAM | 1 | 25 | 22.75 | 22.78 | 22.74 | |
| 10 | 16QAM | 1 | 49 | 22.76 | 22.80 | 22.77 | |
| 10 | 16QAM | 25 | 0 | 21.41 | 21.41 | 21.41 | 23 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.48 | 21.47 | |
| 10 | 16QAM | 25 | 25 | 21.57 | 21.54 | 21.51 | |
| 10 | 16QAM | 50 | 0 | 21.44 | 21.46 | 21.42 | |
| 10 | 64QAM | 1 | 0 | 21.55 | 21.54 | 21.50 | 23 |
| 10 | 64QAM | 1 | 25 | 21.67 | 21.69 | 21.66 | |
| 10 | 64QAM | 1 | 49 | 21.53 | 21.60 | 21.48 | |
| 10 | 64QAM | 25 | 0 | 20.42 | 20.43 | 20.44 | 22 |
| 10 | 64QAM | 25 | 12 | 20.59 | 20.51 | 20.51 | |
| 10 | 64QAM | 25 | 25 | 20.59 | 20.58 | 20.56 | |
| 10 | 64QAM | 50 | 0 | 20.49 | 20.47 | 20.48 | |
| 10 | 256QAM | 1 | 0 | 18.34 | 18.39 | 18.22 | 20 |
| 10 | 256QAM | 1 | 25 | 18.43 | 18.45 | 18.47 | |
| 10 | 256QAM | 1 | 49 | 18.54 | 18.47 | 18.38 | |
| 10 | 256QAM | 25 | 0 | 18.31 | 18.27 | 18.39 | 20 |
| 10 | 256QAM | 25 | 12 | 18.30 | 18.40 | 18.34 | |
| 10 | 256QAM | 25 | 25 | 18.40 | 18.37 | 18.39 | |
| 10 | 256QAM | 50 | 0 | 18.27 | 18.40 | 18.31 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 23.33 | 23.28 | 23.27 | 25 |
| 5 | QPSK | 1 | 12 | 23.42 | 23.42 | 23.39 | |
| 5 | QPSK | 1 | 24 | 23.43 | 23.44 | 23.40 | |
| 5 | QPSK | 12 | 0 | 22.44 | 22.46 | 22.41 | 24 |
| 5 | QPSK | 12 | 7 | 22.51 | 22.48 | 22.43 | |
| 5 | QPSK | 12 | 13 | 22.53 | 22.52 | 22.45 | |
| 5 | QPSK | 25 | 0 | 22.49 | 22.47 | 22.42 | |
| 5 | 16QAM | 1 | 0 | 22.65 | 22.67 | 22.66 | 24 |
| 5 | 16QAM | 1 | 12 | 22.74 | 22.78 | 22.70 | |
| 5 | 16QAM | 1 | 24 | 22.78 | 22.79 | 22.75 | |
| 5 | 16QAM | 12 | 0 | 21.46 | 21.47 | 21.46 | 23 |
| 5 | 16QAM | 12 | 7 | 21.53 | 21.52 | 21.45 | |
| 5 | 16QAM | 12 | 13 | 21.54 | 21.53 | 21.47 | |
| 5 | 16QAM | 25 | 0 | 21.51 | 21.48 | 21.44 | |
| 5 | 64QAM | 1 | 0 | 21.57 | 21.66 | 21.63 | 23 |
| 5 | 64QAM | 1 | 12 | 21.66 | 21.70 | 21.64 | |
| 5 | 64QAM | 1 | 24 | 21.79 | 21.76 | 21.67 | |
| 5 | 64QAM | 12 | 0 | 20.50 | 20.49 | 20.47 | 22 |
| 5 | 64QAM | 12 | 7 | 20.57 | 20.55 | 20.51 | |
| 5 | 64QAM | 12 | 13 | 20.57 | 20.58 | 20.52 | |
| 5 | 64QAM | 25 | 0 | 20.51 | 20.49 | 20.47 | |
| 5 | 256QAM | 1 | 0 | 18.25 | 18.31 | 18.18 | 20 |
| 5 | 256QAM | 1 | 12 | 18.40 | 18.45 | 18.42 | |
| 5 | 256QAM | 1 | 24 | 18.52 | 18.39 | 18.37 | |
| 5 | 256QAM | 12 | 0 | 18.26 | 18.25 | 18.25 | 20 |
| 5 | 256QAM | 12 | 7 | 18.25 | 18.33 | 18.30 | |
| 5 | 256QAM | 12 | 13 | 18.36 | 18.27 | 18.37 | |
| 5 | 256QAM | 25 | 0 | 18.20 | 18.30 | 18.31 | |

## Band 25_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 23.59 | 23.59 | 23.63 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.61 | 23.61 | 23.68 | |
| 20 | QPSK | 1 | 99 | 23.54 | 23.60 | 23.61 | |
| 20 | QPSK | 50 | 0 | 22.70 | 22.71 | 22.75 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.75 | 22.80 | 22.81 | |
| 20 | QPSK | 50 | 50 | 22.68 | 22.74 | 22.79 | |
| 20 | QPSK | 100 | 0 | 22.75 | 22.74 | 22.78 | |
| 20 | 16QAM | 1 | 0 | 22.96 | 22.99 | 23.00 | 24.5 |
| 20 | 16QAM | 1 | 49 | 22.92 | 22.95 | 23.00 | |
| 20 | 16QAM | 1 | 99 | 22.86 | 22.98 | 22.95 | |
| 20 | 16QAM | 50 | 0 | 21.69 | 21.73 | 21.77 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.74 | 21.80 | 21.78 | |
| 20 | 16QAM | 50 | 50 | 21.72 | 21.74 | 21.82 | |
| 20 | 16QAM | 100 | 0 | 21.74 | 21.76 | 21.74 | |
| 20 | 64QAM | 1 | 0 | 21.87 | 21.90 | 21.88 | 23.5 |
| 20 | 64QAM | 1 | 49 | 21.83 | 21.82 | 21.61 | |
| 20 | 64QAM | 1 | 99 | 21.82 | 21.88 | 21.57 | |
| 20 | 64QAM | 50 | 0 | 20.72 | 20.76 | 20.59 | 22.5 |
| 20 | 64QAM | 50 | 24 | 20.78 | 20.83 | 20.80 | |
| 20 | 64QAM | 50 | 50 | 20.71 | 20.77 | 20.84 | |
| 20 | 64QAM | 100 | 0 | 20.76 | 20.79 | 20.34 | |
| 20 | 256QAM | 1 | 0 | 18.99 | 18.87 | 18.98 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.79 | 18.97 | 19.06 | |
| 20 | 256QAM | 1 | 99 | 18.90 | 19.02 | 18.99 | |
| 20 | 256QAM | 50 | 0 | 18.75 | 18.80 | 18.85 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.81 | 18.89 | 18.89 | |
| 20 | 256QAM | 50 | 50 | 18.75 | 18.87 | 18.90 | |
| 20 | 256QAM | 100 | 0 | 18.86 | 18.86 | 18.97 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 23.52 | 23.52 | 23.53 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.56 | 23.51 | 23.67 | |
| 15 | QPSK | 1 | 74 | 23.53 | 23.62 | 23.56 | |
| 15 | QPSK | 36 | 0 | 22.67 | 22.68 | 22.68 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.72 | 22.79 | 22.76 | |
| 15 | QPSK | 36 | 39 | 22.61 | 22.65 | 22.81 | |
| 15 | QPSK | 75 | 0 | 22.71 | 22.72 | 22.71 | |
| 15 | 16QAM | 1 | 0 | 22.91 | 22.99 | 22.93 | 24.5 |
| 15 | 16QAM | 1 | 37 | 22.87 | 22.92 | 22.96 | |
| 15 | 16QAM | 1 | 74 | 22.80 | 22.93 | 22.88 | |
| 15 | 16QAM | 36 | 0 | 21.67 | 21.69 | 21.74 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.73 | 21.80 | 21.69 | |
| 15 | 16QAM | 36 | 39 | 21.71 | 21.65 | 21.80 | |
| 15 | 16QAM | 75 | 0 | 21.68 | 21.71 | 21.69 | |
| 15 | 64QAM | 1 | 0 | 21.87 | 21.86 | 21.82 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.78 | 21.81 | 21.57 | |
| 15 | 64QAM | 1 | 74 | 21.74 | 21.78 | 21.58 | |
| 15 | 64QAM | 36 | 0 | 20.65 | 20.68 | 20.59 | 22.5 |
| 15 | 64QAM | 36 | 20 | 20.71 | 20.77 | 20.71 | |
| 15 | 64QAM | 36 | 39 | 20.65 | 20.67 | 20.76 | |
| 15 | 64QAM | 75 | 0 | 20.66 | 20.76 | 20.53 | |
| 15 | 256QAM | 1 | 0 | 18.96 | 18.86 | 18.94 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.73 | 18.96 | 19.00 | |
| 15 | 256QAM | 1 | 74 | 18.85 | 18.96 | 18.96 | |
| 15 | 256QAM | 36 | 0 | 18.72 | 18.74 | 18.64 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.75 | 18.79 | 18.84 | |
| 15 | 256QAM | 36 | 39 | 18.70 | 18.82 | 18.88 | |
| 15 | 256QAM | 75 | 0 | 18.86 | 18.86 | 18.90 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 23.57 | 23.51 | 23.60 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.56 | 23.59 | 23.66 | |
| 10 | QPSK | 1 | 49 | 23.51 | 23.58 | 23.56 | |
| 10 | QPSK | 25 | 0 | 22.70 | 22.68 | 22.72 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.73 | 22.72 | 22.72 | |
| 10 | QPSK | 25 | 25 | 22.65 | 22.69 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.68 | 22.73 | 22.73 | |
| 10 | 16QAM | 1 | 0 | 22.91 | 22.90 | 22.95 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.84 | 22.87 | 22.90 | |
| 10 | 16QAM | 1 | 49 | 22.82 | 22.91 | 22.85 | |
| 10 | 16QAM | 25 | 0 | 21.65 | 21.70 | 21.69 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.72 | 21.71 | 21.78 | |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.70 | 21.73 | |
| 10 | 16QAM | 50 | 0 | 21.65 | 21.69 | 21.71 | |
| 10 | 64QAM | 1 | 0 | 21.86 | 21.86 | 21.82 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.74 | 21.80 | 21.57 | |
| 10 | 64QAM | 1 | 49 | 21.75 | 21.83 | 21.52 | |
| 10 | 64QAM | 25 | 0 | 20.66 | 20.76 | 20.55 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.76 | 20.83 | 20.80 | |
| 10 | 64QAM | 25 | 25 | 20.65 | 20.76 | 20.75 | |
| 10 | 64QAM | 50 | 0 | 20.71 | 20.77 | 20.29 | |
| 10 | 256QAM | 1 | 0 | 18.97 | 18.86 | 18.98 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.69 | 18.97 | 19.05 | |
| 10 | 256QAM | 1 | 49 | 18.87 | 19.01 | 18.96 | |
| 10 | 256QAM | 25 | 0 | 18.75 | 18.74 | 18.64 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.73 | 18.84 | 18.89 | |
| 10 | 256QAM | 25 | 25 | 18.67 | 18.78 | 18.85 | |
| 10 | 256QAM | 50 | 0 | 18.77 | 18.83 | 18.93 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 23.53 | 23.51 | 23.58 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.52 | 23.54 | 23.59 | |
| 5 | QPSK | 1 | 24 | 23.52 | 23.58 | 23.52 | |
| 5 | QPSK | 12 | 0 | 22.61 | 22.65 | 22.72 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.67 | 22.78 | 22.69 | |
| 5 | QPSK | 12 | 13 | 22.64 | 22.71 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.72 | 22.65 | 22.72 | |
| 5 | 16QAM | 1 | 0 | 22.95 | 22.89 | 22.95 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.87 | 22.87 | 22.97 | |
| 5 | 16QAM | 1 | 24 | 22.86 | 22.92 | 22.86 | |
| 5 | 16QAM | 12 | 0 | 21.68 | 21.65 | 21.73 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.65 | 21.70 | 21.76 | |
| 5 | 16QAM | 12 | 13 | 21.68 | 21.74 | 21.78 | |
| 5 | 16QAM | 25 | 0 | 21.74 | 21.74 | 21.67 | |
| 5 | 64QAM | 1 | 0 | 21.84 | 21.87 | 21.79 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.82 | 21.80 | 21.59 | |
| 5 | 64QAM | 1 | 24 | 21.77 | 21.84 | 21.56 | |
| 5 | 64QAM | 12 | 0 | 20.69 | 20.74 | 20.59 | 22.5 |
| 5 | 64QAM | 12 | 7 | 20.73 | 20.82 | 20.77 | |
| 5 | 64QAM | 12 | 13 | 20.61 | 20.76 | 20.81 | |
| 5 | 64QAM | 25 | 0 | 20.72 | 20.79 | 20.29 | |
| 5 | 256QAM | 1 | 0 | 18.98 | 18.86 | 18.90 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.89 | 18.98 | |
| 5 | 256QAM | 1 | 24 | 18.87 | 18.99 | 18.92 | |
| 5 | 256QAM | 12 | 0 | 18.71 | 18.72 | 18.62 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.74 | 18.83 | 18.80 | |
| 5 | 256QAM | 12 | 13 | 18.68 | 18.79 | 18.85 | |
| 5 | 256QAM | 25 | 0 | 18.81 | 18.77 | 18.87 | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 23.59 | 23.56 | 23.59 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.56 | 23.52 | 23.62 | |
| 3 | QPSK | 1 | 14 | 23.59 | 23.53 | 23.58 | |
| 3 | QPSK | 8 | 0 | 22.83 | 22.87 | 22.72 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.72 | 22.79 | 22.75 | |
| 3 | QPSK | 8 | 7 | 22.58 | 22.69 | 22.79 | |
| 3 | QPSK | 15 | 0 | 22.65 | 22.65 | 22.73 | |
| 3 | 16QAM | 1 | 0 | 22.87 | 22.96 | 22.92 | 24.5 |
| 3 | 16QAM | 1 | 8 | 22.88 | 22.94 | 23.00 | |
| 3 | 16QAM | 1 | 14 | 22.83 | 22.94 | 22.91 | |
| 3 | 16QAM | 8 | 0 | 21.68 | 21.67 | 21.74 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.73 | 21.77 | 21.75 | |
| 3 | 16QAM | 8 | 7 | 21.71 | 21.66 | 21.76 | |
| 3 | 16QAM | 15 | 0 | 21.73 | 21.75 | 21.72 | |
| 3 | 64QAM | 1 | 0 | 21.87 | 21.90 | 21.87 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.79 | 21.78 | 21.55 | |
| 3 | 64QAM | 1 | 14 | 21.80 | 21.81 | 21.52 | |
| 3 | 64QAM | 8 | 0 | 20.66 | 20.66 | 20.57 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.78 | 20.75 | 20.74 | |
| 3 | 64QAM | 8 | 7 | 20.67 | 20.68 | 20.74 | |
| 3 | 64QAM | 15 | 0 | 20.66 | 20.77 | 20.24 | |
| 3 | 256QAM | 1 | 0 | 18.95 | 18.86 | 18.86 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.71 | 18.87 | 19.05 | |
| 3 | 256QAM | 1 | 14 | 18.86 | 18.99 | 18.89 | |
| 3 | 256QAM | 8 | 0 | 18.70 | 18.70 | 18.61 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.81 | 18.87 | 18.80 | |
| 3 | 256QAM | 8 | 7 | 18.71 | 18.86 | 18.85 | |
| 3 | 256QAM | 15 | 0 | 18.85 | 18.83 | 18.92 | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 23.57 | 23.55 | 23.59 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.58 | 23.63 | 23.58 | |
| 1.4 | QPSK | 1 | 5 | 23.53 | 23.61 | 23.61 | |
| 1.4 | QPSK | 3 | 0 | 23.54 | 23.55 | 23.62 | |
| 1.4 | QPSK | 3 | 1 | 23.58 | 23.61 | 23.59 | |
| 1.4 | QPSK | 3 | 3 | 23.56 | 23.62 | 23.66 | |
| 1.4 | QPSK | 6 | 0 | 22.62 | 22.69 | 22.76 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.85 | 22.85 | 22.90 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 22.96 | 22.96 | 23.01 | |
| 1.4 | 16QAM | 1 | 5 | 22.90 | 22.92 | 22.95 | |
| 1.4 | 16QAM | 3 | 0 | 22.62 | 22.67 | 22.67 | |
| 1.4 | 16QAM | 3 | 1 | 22.70 | 22.73 | 22.75 | |
| 1.4 | 16QAM | 3 | 3 | 22.87 | 22.72 | 22.70 | |
| 1.4 | 16QAM | 6 | 0 | 21.70 | 21.78 | 21.79 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.75 | 21.75 | 21.51 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.86 | 21.88 | 21.55 | |
| 1.4 | 64QAM | 1 | 5 | 21.73 | 21.81 | 21.50 | |
| 1.4 | 64QAM | 3 | 0 | 21.73 | 21.76 | 21.36 | |
| 1.4 | 64QAM | 3 | 1 | 21.80 | 21.82 | 21.42 | |
| 1.4 | 64QAM | 3 | 3 | 21.76 | 21.81 | 21.22 | |
| 1.4 | 64QAM | 6 | 0 | 20.64 | 20.71 | 20.50 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.90 | 18.92 | 18.94 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.94 | 18.90 | 18.86 | |
| 1.4 | 256QAM | 1 | 5 | 18.89 | 18.89 | 18.94 | |
| 1.4 | 256QAM | 3 | 0 | 18.86 | 18.92 | 18.95 | |
| 1.4 | 256QAM | 3 | 1 | 18.87 | 18.87 | 18.89 | |
| 1.4 | 256QAM | 3 | 3 | 18.86 | 18.95 | 18.90 | |
| 1.4 | 256QAM | 6 | 0 | 18.95 | 18.88 | 18.93 | 20.5 |

## Band 26_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26705 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 23.60 | 23.49 | 23.47 | |
| 15 | QPSK | 1 | 37 | 23.46 | 23.46 | 23.43 | 25 |
| 15 | QPSK | 1 | 74 | 23.51 | 23.48 | 23.33 | |
| 15 | QPSK | 36 | 0 | 22.63 | 22.64 | 22.57 | |
| 15 | QPSK | 36 | 20 | 22.61 | 22.63 | 22.55 | 24 |
| 15 | QPSK | 36 | 39 | 22.62 | 22.62 | 22.54 | |
| 15 | QPSK | 75 | 0 | 22.66 | 22.64 | 22.57 | |
| 15 | 16QAM | 1 | 0 | 22.87 | 22.79 | 22.78 | |
| 15 | 16QAM | 1 | 37 | 22.78 | 22.78 | 22.76 | 24 |
| 15 | 16QAM | 1 | 74 | 22.74 | 22.74 | 22.64 | |
| 15 | 16QAM | 36 | 0 | 21.61 | 21.60 | 21.59 | |
| 15 | 16QAM | 36 | 20 | 21.64 | 21.64 | 21.56 | 23 |
| 15 | 16QAM | 36 | 39 | 21.61 | 21.62 | 21.58 | |
| 15 | 16QAM | 75 | 0 | 21.66 | 21.64 | 21.59 | |
| 15 | 64QAM | 1 | 0 | 21.73 | 21.64 | 21.68 | |
| 15 | 64QAM | 1 | 37 | 21.71 | 21.74 | 21.68 | 23 |
| 15 | 64QAM | 1 | 74 | 21.73 | 21.68 | 21.06 | |
| 15 | 64QAM | 36 | 0 | 20.30 | 20.63 | 20.65 | |
| 15 | 64QAM | 36 | 20 | 20.52 | 20.69 | 20.60 | 22 |
| 15 | 64QAM | 36 | 39 | 20.65 | 20.68 | 20.48 | |
| 15 | 64QAM | 75 | 0 | 20.67 | 20.66 | 20.58 | |
| 15 | 256QAM | 1 | 0 | 18.64 | 18.53 | 18.58 | |
| 15 | 256QAM | 1 | 37 | 18.59 | 18.53 | 18.50 | 20 |
| 15 | 256QAM | 1 | 74 | 18.50 | 18.57 | 18.40 | |
| 15 | 256QAM | 36 | 0 | 18.48 | 18.50 | 18.59 | |
| 15 | 256QAM | 36 | 20 | 18.48 | 18.47 | 18.36 | 20 |
| 15 | 256QAM | 36 | 39 | 18.37 | 18.41 | 18.42 | |
| 15 | 256QAM | 75 | 0 | 18.46 | 18.51 | 18.39 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.54 | 23.39 | 23.45 | |
| 10 | QPSK | 1 | 25 | 23.38 | 23.40 | 23.42 | 25 |
| 10 | QPSK | 1 | 49 | 23.42 | 23.49 | 23.23 | |
| 10 | QPSK | 25 | 0 | 22.59 | 22.55 | 22.55 | |
| 10 | QPSK | 25 | 12 | 22.63 | 22.60 | 22.50 | 24 |
| 10 | QPSK | 25 | 25 | 22.62 | 22.57 | 22.49 | |
| 10 | QPSK | 50 | 0 | 22.64 | 22.64 | 22.53 | |
| 10 | 16QAM | 1 | 0 | 22.82 | 22.75 | 22.73 | |
| 10 | 16QAM | 1 | 25 | 22.76 | 22.73 | 22.73 | 24 |
| 10 | 16QAM | 1 | 49 | 22.73 | 22.71 | 22.62 | |
| 10 | 16QAM | 25 | 0 | 21.57 | 21.59 | 21.57 | |
| 10 | 16QAM | 25 | 12 | 21.57 | 21.56 | 21.53 | 23 |
| 10 | 16QAM | 25 | 25 | 21.57 | 21.52 | 21.54 | |
| 10 | 16QAM | 50 | 0 | 21.66 | 21.63 | 21.50 | |
| 10 | 64QAM | 1 | 0 | 21.73 | 21.62 | 21.68 | |
| 10 | 64QAM | 1 | 25 | 21.66 | 21.74 | 21.59 | 23 |
| 10 | 64QAM | 1 | 49 | 21.71 | 21.60 | 21.06 | |
| 10 | 64QAM | 25 | 0 | 20.22 | 20.60 | 20.61 | |
| 10 | 64QAM | 25 | 12 | 20.44 | 20.67 | 20.57 | 22 |
| 10 | 64QAM | 25 | 25 | 20.57 | 20.62 | 20.42 | |
| 10 | 64QAM | 50 | 0 | 20.62 | 20.59 | 20.51 | |
| 10 | 256QAM | 1 | 0 | 18.61 | 18.49 | 18.55 | |
| 10 | 256QAM | 1 | 25 | 18.49 | 18.47 | 18.47 | 20 |
| 10 | 256QAM | 1 | 49 | 18.48 | 18.51 | 18.30 | |
| 10 | 256QAM | 25 | 0 | 18.41 | 18.45 | 18.43 | |
| 10 | 256QAM | 25 | 12 | 18.48 | 18.45 | 18.30 | 20 |
| 10 | 256QAM | 25 | 25 | 18.35 | 18.40 | 18.42 | |
| 10 | 256QAM | 50 | 0 | 18.45 | 18.41 | 18.37 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.53 | 23.40 | 23.47 | |
| 5 | QPSK | 1 | 12 | 23.37 | 23.44 | 23.35 | 25 |
| 5 | QPSK | 1 | 24 | 23.50 | 23.42 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.60 | 22.55 | 22.57 | |
| 5 | QPSK | 12 | 7 | 22.57 | 22.56 | 22.53 | 24 |
| 5 | QPSK | 12 | 13 | 22.60 | 22.52 | 22.56 | |
| 5 | QPSK | 25 | 0 | 22.62 | 22.64 | 22.48 | |
| 5 | 16QAM | 1 | 0 | 22.87 | 22.78 | 22.74 | |
| 5 | 16QAM | 1 | 12 | 22.73 | 22.70 | 22.72 | 24 |
| 5 | 16QAM | 1 | 24 | 22.64 | 22.67 | 22.56 | |
| 5 | 16QAM | 12 | 0 | 21.57 | 21.58 | 21.49 | |
| 5 | 16QAM | 12 | 7 | 21.55 | 21.61 | 21.47 | 23 |
| 5 | 16QAM | 12 | 13 | 21.55 | 21.60 | 21.53 | |
| 5 | 16QAM | 25 | 0 | 21.64 | 21.54 | 21.57 | |
| 5 | 64QAM | 1 | 0 | 21.72 | 21.60 | 21.63 | |
| 5 | 64QAM | 1 | 12 | 21.69 | 21.71 | 21.68 | 23 |
| 5 | 64QAM | 1 | 24 | 21.71 | 21.59 | 21.06 | |
| 5 | 64QAM | 12 | 0 | 20.20 | 20.54 | 20.57 | |
| 5 | 64QAM | 12 | 7 | 20.46 | 20.60 | 20.52 | 22 |
| 5 | 64QAM | 12 | 13 | 20.60 | 20.67 | 20.40 | |
| 5 | 64QAM | 25 | 0 | 20.65 | 20.57 | 20.57 | |
| 5 | 256QAM | 1 | 0 | 18.54 | 18.51 | 18.53 | |
| 5 | 256QAM | 1 | 12 | 18.56 | 18.48 | 18.42 | 20 |
| 5 | 256QAM | 1 | 24 | 18.49 | 18.55 | 18.30 | |
| 5 | 256QAM | 12 | 0 | 18.40 | 18.41 | 18.40 | |
| 5 | 256QAM | 12 | 7 | 18.45 | 18.39 | 18.29 | 20 |
| 5 | 256QAM | 12 | 13 | 18.27 | 18.41 | 18.38 | |
| 5 | 256QAM | 25 | 0 | 18.46 | 18.43 | 18.36 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.47 | 23.44 | 23.46 | |
| 3 | QPSK | 1 | 8 | 23.41 | 23.46 | 23.34 | 25 |
| 3 | QPSK | 1 | 14 | 23.51 | 23.44 | 23.27 | |
| 3 | QPSK | 8 | 0 | 22.62 | 22.59 | 22.49 | |
| 3 | QPSK | 8 | 4 | 22.62 | 22.58 | 22.50 | 24 |
| 3 | QPSK | 8 | 7 | 22.56 | 22.56 | 22.56 | |
| 3 | QPSK | 15 | 0 | 22.60 | 22.64 | 22.51 | |
| 3 | 16QAM | 1 | 0 | 22.77 | 22.77 | 22.72 | |
| 3 | 16QAM | 1 | 8 | 22.78 | 22.69 | 22.70 | 24 |
| 3 | 16QAM | 1 | 14 | 22.71 | 22.66 | 22.62 | |
| 3 | 16QAM | 8 | 0 | 21.54 | 21.57 | 21.56 | |
| 3 | 16QAM | 8 | 4 | 21.54 | 21.62 | 21.52 | 23 |
| 3 | 16QAM | 8 | 7 | 21.51 | 21.54 | 21.52 | |
| 3 | 16QAM | 15 | 0 | 21.64 | 21.56 | 21.53 | |
| 3 | 64QAM | 1 | 0 | 21.65 | 21.55 | 21.68 | |
| 3 | 64QAM | 1 | 8 | 21.69 | 21.73 | 21.63 | 23 |
| 3 | 64QAM | 1 | 14 | 21.73 | 21.63 | 21.06 | |
| 3 | 64QAM | 8 | 0 | 20.20 | 20.58 | 20.60 | |
| 3 | 64QAM | 8 | 4 | 20.44 | 20.63 | 20.53 | 22 |
| 3 | 64QAM | 8 | 7 | 20.62 | 20.62 | 20.39 | |
| 3 | 64QAM | 15 | 0 | 20.61 | 20.65 | 20.58 | |
| 3 | 256QAM | 1 | 0 | 18.57 | 18.49 | 18.56 | |
| 3 | 256QAM | 1 | 8 | 18.59 | 18.49 | 18.48 | 20 |
| 3 | 256QAM | 1 | 14 | 18.41 | 18.56 | 18.36 | |
| 3 | 256QAM | 8 | 0 | 18.44 | 18.50 | 18.45 | |
| 3 | 256QAM | 8 | 4 | 18.46 | 18.43 | 18.33 | 20 |
| 3 | 256QAM | 8 | 7 | 18.35 | 18.36 | 18.32 | |
| 3 | 256QAM | 15 | 0 | 18.46 | 18.46 | 18.33 | |
| Channel | | | | 26707 | 26865 | 27023 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.57 | 23.42 | 23.41 | |
| 1.4 | QPSK | 1 | 3 | 23.58 | 23.54 | 23.40 | |
| 1.4 | QPSK | 1 | 5 | 23.53 | 23.44 | 23.31 | 25 |
| 1.4 | QPSK | 3 | 0 | 23.59 | 23.45 | 23.41 | |
| 1.4 | QPSK | 3 | 1 | 23.57 | 23.52 | 23.46 | |
| 1.4 | QPSK | 3 | 3 | 23.59 | 23.49 | 23.44 | |
| 1.4 | QPSK | 6 | 0 | 22.67 | 22.57 | 22.46 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.92 | 22.82 | 22.69 | |
| 1.4 | 16QAM | 1 | 3 | 22.95 | 22.84 | 22.74 | |
| 1.4 | 16QAM | 1 | 5 | 22.88 | 22.74 | 22.67 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.70 | 22.57 | 22.49 | |
| 1.4 | 16QAM | 3 | 1 | 22.77 | 22.62 | 22.52 | |
| 1.4 | 16QAM | 3 | 3 | 22.66 | 22.60 | 22.44 | |
| 1.4 | 16QAM | 6 | 0 | 21.71 | 21.65 | 21.51 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.44 | 21.74 | 21.02 | |
| 1.4 | 64QAM | 1 | 3 | 21.49 | 21.82 | 21.08 | |
| 1.4 | 64QAM | 1 | 5 | 21.44 | 21.74 | 21.02 | 23 |
| 1.4 | 64QAM | 3 | 0 | 21.45 | 21.68 | 21.00 | |
| 1.4 | 64QAM | 3 | 1 | 21.51 | 21.73 | 21.08 | |
| 1.4 | 64QAM | 3 | 3 | 21.44 | 21.71 | 21.07 | |
| 1.4 | 64QAM | 6 | 0 | 20.27 | 20.61 | 20.00 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.63 | 18.51 | 18.55 | |
| 1.4 | 256QAM | 1 | 3 | 18.56 | 18.47 | 18.59 | |
| 1.4 | 256QAM | 1 | 5 | 18.41 | 18.47 | 18.35 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.46 | 18.46 | 18.49 | |
| 1.4 | 256QAM | 3 | 1 | 18.38 | 18.44 | 18.30 | |
| 1.4 | 256QAM | 3 | 3 | 18.30 | 18.35 | 18.39 | |
| 1.4 | 256QAM | 6 | 0 | 18.44 | 18.43 | 18.38 | 20 |

| Band 30_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 27710 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | QPSK | 1 | 0 | | 23.87 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 23.88 | | |
| 10 | QPSK | 1 | 49 | | 23.85 | | |
| 10 | QPSK | 25 | 0 | | 22.90 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 22.94 | | |
| 10 | QPSK | 25 | 25 | | 22.96 | | |
| 10 | QPSK | 50 | 0 | | 22.94 | | |
| 10 | 16QAM | 1 | 0 | | 23.21 | | 24.7 |
| 10 | 16QAM | 1 | 25 | | 23.25 | | |
| 10 | 16QAM | 1 | 49 | | 23.23 | | |
| 10 | 16QAM | 25 | 0 | | 21.88 | | 23.7 |
| 10 | 16QAM | 25 | 12 | | 21.97 | | |
| 10 | 16QAM | 25 | 25 | | 21.94 | | |
| 10 | 16QAM | 50 | 0 | | 21.93 | | |
| 10 | 64QAM | 1 | 0 | | 22.09 | | 23.7 |
| 10 | 64QAM | 1 | 25 | | 22.17 | | |
| 10 | 64QAM | 1 | 49 | | 22.02 | | |
| 10 | 64QAM | 25 | 0 | | 20.92 | | 22.7 |
| 10 | 64QAM | 25 | 12 | | 21.02 | | |
| 10 | 64QAM | 25 | 25 | | 20.95 | | |
| 10 | 64QAM | 50 | 0 | | 20.98 | | |
| 10 | 256QAM | 1 | 0 | | 19.20 | | 20.7 |
| 10 | 256QAM | 1 | 25 | | 19.29 | | |
| 10 | 256QAM | 1 | 49 | | 19.13 | | |
| 10 | 256QAM | 25 | 0 | | 18.96 | | 20.7 |
| 10 | 256QAM | 25 | 12 | | 19.06 | | |
| 10 | 256QAM | 25 | 25 | | 19.03 | | |
| 10 | 256QAM | 50 | 0 | | 19.03 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 23.75 | 23.79 | 23.86 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.82 | 23.86 | 23.80 | |
| 5 | QPSK | 1 | 24 | 23.85 | 23.87 | 23.79 | |
| 5 | QPSK | 12 | 0 | 22.87 | 22.89 | 22.94 | 24.7 |
| 5 | QPSK | 12 | 7 | 22.99 | 22.94 | 22.98 | |
| 5 | QPSK | 12 | 13 | 22.99 | 22.93 | 22.98 | |
| 5 | QPSK | 25 | 0 | 22.97 | 22.94 | 22.99 | |
| 5 | 16QAM | 1 | 0 | 23.07 | 23.10 | 23.17 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.18 | 23.17 | 23.19 | |
| 5 | 16QAM | 1 | 24 | 23.24 | 23.18 | 23.25 | |
| 5 | 16QAM | 12 | 0 | 21.88 | 21.93 | 21.95 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.01 | 21.98 | 22.00 | |
| 5 | 16QAM | 12 | 13 | 22.01 | 21.95 | 21.98 | |
| 5 | 16QAM | 25 | 0 | 21.96 | 21.94 | 21.94 | |
| 5 | 64QAM | 1 | 0 | 22.03 | 22.08 | 21.87 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.14 | 21.97 | |
| 5 | 64QAM | 1 | 24 | 22.16 | 22.09 | 21.83 | |
| 5 | 64QAM | 12 | 0 | 20.94 | 20.96 | 20.93 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.05 | 21.02 | 20.96 | |
| 5 | 64QAM | 12 | 13 | 21.05 | 20.96 | 20.95 | |
| 5 | 64QAM | 25 | 0 | 21.01 | 21.00 | 20.81 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.19 | 19.18 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.21 | 19.19 | 19.22 | |
| 5 | 256QAM | 1 | 24 | 19.08 | 19.05 | 19.05 | |
| 5 | 256QAM | 12 | 0 | 18.93 | 18.86 | 18.90 | 20.7 |
| 5 | 256QAM | 12 | 7 | 18.99 | 19.06 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 19.03 | 18.93 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 19.03 | 18.96 | 19.01 | |

## Band 66_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 23.93 | 23.97 | 23.84 | |
| 20 | QPSK | 1 | 49 | 23.83 | 23.85 | 23.72 | 25.5 |
| 20 | QPSK | 1 | 99 | 23.75 | 23.80 | 23.62 | |
| 20 | QPSK | 50 | 0 | 22.94 | 22.97 | 22.84 | |
| 20 | QPSK | 50 | 24 | 22.98 | 22.99 | 22.90 | 24.5 |
| 20 | QPSK | 50 | 50 | 22.94 | 22.95 | 22.82 | |
| 20 | QPSK | 100 | 0 | 22.92 | 22.93 | 22.91 | |
| 20 | 16QAM | 1 | 0 | 23.26 | 23.30 | 23.20 | |
| 20 | 16QAM | 1 | 49 | 23.18 | 23.19 | 23.04 | 24.5 |
| 20 | 16QAM | 1 | 99 | 23.09 | 23.09 | 22.91 | |
| 20 | 16QAM | 50 | 0 | 21.93 | 21.96 | 21.87 | |
| 20 | 16QAM | 50 | 24 | 21.99 | 21.94 | 21.91 | 23.5 |
| 20 | 16QAM | 50 | 50 | 21.95 | 21.94 | 21.84 | |
| 20 | 16QAM | 100 | 0 | 21.96 | 21.88 | 21.90 | |
| 20 | 64QAM | 1 | 0 | 22.03 | 22.16 | 22.07 | |
| 20 | 64QAM | 1 | 49 | 22.06 | 22.07 | 21.67 | 23.5 |
| 20 | 64QAM | 1 | 99 | 22.01 | 22.05 | 21.87 | |
| 20 | 64QAM | 50 | 0 | 20.96 | 21.00 | 20.91 | |
| 20 | 64QAM | 50 | 24 | 21.01 | 20.97 | 20.70 | 22.5 |
| 20 | 64QAM | 50 | 50 | 20.95 | 20.98 | 20.86 | |
| 20 | 64QAM | 100 | 0 | 21.01 | 20.93 | 20.91 | |
| 20 | 256QAM | 1 | 0 | 18.91 | 19.00 | 18.96 | |
| 20 | 256QAM | 1 | 49 | 19.06 | 19.04 | 18.89 | 20.5 |
| 20 | 256QAM | 1 | 99 | 19.02 | 19.08 | 19.06 | |
| 20 | 256QAM | 50 | 0 | 18.87 | 18.88 | 18.89 | |
| 20 | 256QAM | 50 | 24 | 18.85 | 18.92 | 18.94 | 20.5 |
| 20 | 256QAM | 50 | 50 | 18.93 | 18.99 | 18.86 | |
| 20 | 256QAM | 100 | 0 | 18.92 | 18.90 | 18.99 | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.93 | 23.96 | 23.74 | |
| 15 | QPSK | 1 | 37 | 23.77 | 23.83 | 23.62 | 25.5 |
| 15 | QPSK | 1 | 74 | 23.70 | 23.75 | 23.54 | |
| 15 | QPSK | 36 | 0 | 22.84 | 22.88 | 22.79 | |
| 15 | QPSK | 36 | 20 | 22.92 | 22.96 | 22.86 | 24.5 |
| 15 | QPSK | 36 | 39 | 22.89 | 22.92 | 22.81 | |
| 15 | QPSK | 75 | 0 | 22.89 | 22.88 | 22.89 | |
| 15 | 16QAM | 1 | 0 | 23.21 | 23.25 | 23.13 | |
| 15 | 16QAM | 1 | 37 | 23.17 | 23.09 | 23.02 | 24.5 |
| 15 | 16QAM | 1 | 74 | 23.00 | 23.00 | 22.87 | |
| 15 | 16QAM | 36 | 0 | 21.83 | 21.96 | 21.78 | |
| 15 | 16QAM | 36 | 20 | 21.98 | 21.90 | 21.85 | 23.5 |
| 15 | 16QAM | 36 | 39 | 21.89 | 21.92 | 21.78 | |
| 15 | 16QAM | 75 | 0 | 21.95 | 21.85 | 21.82 | |
| 15 | 64QAM | 1 | 0 | 21.98 | 22.14 | 22.00 | |
| 15 | 64QAM | 1 | 37 | 21.96 | 22.02 | 21.61 | 23.5 |
| 15 | 64QAM | 1 | 74 | 21.97 | 22.00 | 21.78 | |
| 15 | 64QAM | 36 | 0 | 20.87 | 20.95 | 20.81 | |
| 15 | 64QAM | 36 | 20 | 20.97 | 20.96 | 20.67 | 22.5 |
| 15 | 64QAM | 36 | 39 | 20.87 | 20.98 | 20.78 | |
| 15 | 64QAM | 75 | 0 | 20.91 | 20.86 | 20.81 | |
| 15 | 256QAM | 1 | 0 | 18.90 | 18.97 | 18.88 | |
| 15 | 256QAM | 1 | 37 | 19.00 | 19.04 | 18.84 | 20.5 |
| 15 | 256QAM | 1 | 74 | 18.99 | 19.04 | 19.04 | |
| 15 | 256QAM | 36 | 0 | 18.80 | 18.86 | 18.81 | |
| 15 | 256QAM | 36 | 20 | 18.79 | 18.89 | 18.90 | 20.5 |
| 15 | 256QAM | 36 | 39 | 18.91 | 18.98 | 18.81 | |
| 15 | 256QAM | 75 | 0 | 18.89 | 18.85 | 18.89 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.93 | 23.88 | 23.76 | |
| 10 | QPSK | 1 | 25 | 23.82 | 23.80 | 23.65 | 25.5 |
| 10 | QPSK | 1 | 49 | 23.66 | 23.74 | 23.54 | |
| 10 | QPSK | 25 | 0 | 22.85 | 22.90 | 22.79 | |
| 10 | QPSK | 25 | 12 | 22.92 | 22.90 | 22.86 | 24.5 |
| 10 | QPSK | 25 | 25 | 22.94 | 22.86 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.83 | 22.86 | 22.84 | |
| 10 | 16QAM | 1 | 0 | 23.23 | 23.25 | 23.19 | |
| 10 | 16QAM | 1 | 25 | 23.13 | 23.12 | 22.99 | 24.5 |
| 10 | 16QAM | 1 | 49 | 23.08 | 23.07 | 22.90 | |
| 10 | 16QAM | 25 | 0 | 21.87 | 21.89 | 21.87 | |
| 10 | 16QAM | 25 | 12 | 21.89 | 21.84 | 21.83 | 23.5 |
| 10 | 16QAM | 25 | 25 | 21.85 | 21.88 | 21.79 | |
| 10 | 16QAM | 50 | 0 | 21.88 | 21.88 | 21.89 | |
| 10 | 64QAM | 1 | 0 | 22.00 | 22.06 | 21.99 | |
| 10 | 64QAM | 1 | 25 | 22.02 | 22.03 | 21.60 | 23.5 |
| 10 | 64QAM | 1 | 49 | 22.00 | 22.05 | 21.82 | |
| 10 | 64QAM | 25 | 0 | 20.94 | 20.98 | 20.83 | |
| 10 | 64QAM | 25 | 12 | 20.97 | 20.92 | 20.63 | 22.5 |
| 10 | 64QAM | 25 | 25 | 20.91 | 20.94 | 20.84 | |
| 10 | 64QAM | 50 | 0 | 20.94 | 20.89 | 20.81 | |
| 10 | 256QAM | 1 | 0 | 18.85 | 18.98 | 18.87 | |
| 10 | 256QAM | 1 | 25 | 19.00 | 19.00 | 18.88 | 20.5 |
| 10 | 256QAM | 1 | 49 | 19.02 | 19.03 | 18.97 | |
| 10 | 256QAM | 25 | 0 | 18.82 | 18.86 | 18.87 | |
| 10 | 256QAM | 25 | 12 | 18.80 | 18.89 | 18.86 | 20.5 |
| 10 | 256QAM | 25 | 25 | 18.89 | 18.95 | 18.80 | |
| 10 | 256QAM | 50 | 0 | 18.88 | 18.81 | 18.98 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.92 | 23.93 | 23.78 | |
| 5 | QPSK | 1 | 12 | 23.74 | 23.75 | 23.66 | 25.5 |
| 5 | QPSK | 1 | 24 | 23.66 | 23.75 | 23.56 | |
| 5 | QPSK | 12 | 0 | 22.87 | 22.97 | 22.79 | |
| 5 | QPSK | 12 | 7 | 22.96 | 22.92 | 22.88 | 24.5 |
| 5 | QPSK | 12 | 13 | 22.90 | 22.89 | 22.81 | |
| 5 | QPSK | 25 | 0 | 22.82 | 22.83 | 22.88 | |
| 5 | 16QAM | 1 | 0 | 23.24 | 23.29 | 23.13 | |
| 5 | 16QAM | 1 | 12 | 23.16 | 23.17 | 23.00 | 24.5 |
| 5 | 16QAM | 1 | 24 | 23.09 | 23.03 | 22.87 | |
| 5 | 16QAM | 12 | 0 | 21.87 | 21.86 | 21.84 | |
| 5 | 16QAM | 12 | 7 | 21.99 | 21.92 | 21.85 | 23.5 |
| 5 | 16QAM | 12 | 13 | 21.86 | 21.88 | 21.83 | |
| 5 | 16QAM | 25 | 0 | 21.87 | 21.81 | 21.84 | |
| 5 | 64QAM | 1 | 0 | 21.98 | 22.07 | 22.04 | |
| 5 | 64QAM | 1 | 12 | 22.02 | 22.03 | 21.63 | 23.5 |
| 5 | 64QAM | 1 | 24 | 21.91 | 22.00 | 21.78 | |
| 5 | 64QAM | 12 | 0 | 20.86 | 20.98 | 20.85 | |
| 5 | 64QAM | 12 | 7 | 21.00 | 20.95 | 20.64 | 22.5 |
| 5 | 64QAM | 12 | 13 | 20.89 | 20.92 | 20.82 | |
| 5 | 64QAM | 25 | 0 | 21.00 | 20.92 | 20.85 | |
| 5 | 256QAM | 1 | 0 | 18.86 | 18.96 | 18.96 | |
| 5 | 256QAM | 1 | 12 | 19.05 | 18.97 | 18.88 | 20.5 |
| 5 | 256QAM | 1 | 24 | 18.99 | 19.03 | 19.05 | |
| 5 | 256QAM | 12 | 0 | 18.82 | 18.86 | 18.88 | |
| 5 | 256QAM | 12 | 7 | 18.78 | 18.88 | 18.90 | 20.5 |
| 5 | 256QAM | 12 | 13 | 18.92 | 18.95 | 18.82 | |
| 5 | 256QAM | 25 | 0 | 18.87 | 18.86 | 18.90 | |
| Channel | | | | 131967 | 132322 | 132677 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.83 | 23.88 | 23.75 | |
| 3 | QPSK | 1 | 8 | 23.81 | 23.83 | 23.66 | 25.5 |
| 3 | QPSK | 1 | 14 | 23.70 | 23.71 | 23.61 | |
| 3 | QPSK | 8 | 0 | 22.88 | 22.96 | 22.83 | |
| 3 | QPSK | 8 | 4 | 22.94 | 22.99 | 22.88 | 24.5 |
| 3 | QPSK | 8 | 7 | 22.94 | 22.86 | 22.75 | |
| 3 | QPSK | 15 | 0 | 22.68 | 22.91 | 22.84 | |
| 3 | 16QAM | 1 | 0 | 23.23 | 23.23 | 23.19 | |
| 3 | 16QAM | 1 | 8 | 23.16 | 23.17 | 22.99 | 24.5 |
| 3 | 16QAM | 1 | 14 | 23.07 | 23.00 | 22.90 | |
| 3 | 16QAM | 8 | 0 | 21.84 | 21.95 | 21.87 | |
| 3 | 16QAM | 8 | 4 | 21.91 | 21.88 | 21.91 | 23.5 |
| 3 | 16QAM | 8 | 7 | 21.94 | 21.86 | 21.77 | |
| 3 | 16QAM | 15 | 0 | 21.96 | 21.80 | 21.87 | |
| 3 | 64QAM | 1 | 0 | 21.97 | 22.10 | 21.97 | |
| 3 | 64QAM | 1 | 8 | 21.96 | 22.05 | 21.59 | 23.5 |
| 3 | 64QAM | 1 | 14 | 21.97 | 21.96 | 21.80 | |
| 3 | 64QAM | 8 | 0 | 20.88 | 20.91 | 20.90 | |
| 3 | 64QAM | 8 | 4 | 21.00 | 20.90 | 20.65 | 22.5 |
| 3 | 64QAM | 8 | 7 | 20.89 | 20.94 | 20.89 | |
| 3 | 64QAM | 15 | 0 | 20.96 | 20.86 | 20.88 | |
| 3 | 256QAM | 1 | 0 | 18.85 | 18.99 | 18.95 | |
| 3 | 256QAM | 1 | 8 | 19.00 | 18.98 | 18.83 | 20.5 |
| 3 | 256QAM | 1 | 14 | 18.98 | 19.01 | 18.96 | |
| 3 | 256QAM | 8 | 0 | 18.77 | 18.80 | 18.86 | |
| 3 | 256QAM | 8 | 4 | 18.84 | 18.92 | 18.89 | 20.5 |
| 3 | 256QAM | 8 | 7 | 18.89 | 18.92 | 18.79 | |
| 3 | 256QAM | 15 | 0 | 18.92 | 18.85 | 18.93 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.78 | 23.79 | 23.62 | |
| 1.4 | QPSK | 1 | 3 | 23.81 | 23.82 | 23.79 | |
| 1.4 | QPSK | 1 | 5 | 23.75 | 23.77 | 23.61 | 25.5 |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.85 | 23.67 | |
| 1.4 | QPSK | 3 | 1 | 23.85 | 23.88 | 23.69 | |
| 1.4 | QPSK | 3 | 3 | 23.81 | 23.82 | 23.63 | |
| 1.4 | QPSK | 6 | 0 | 22.87 | 22.87 | 22.71 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 23.09 | 23.12 | 22.93 | |
| 1.4 | 16QAM | 1 | 3 | 23.17 | 23.19 | 23.01 | |
| 1.4 | 16QAM | 1 | 5 | 23.11 | 23.12 | 22.94 | 24.5 |
| 1.4 | 16QAM | 3 | 0 | 22.87 | 22.92 | 22.76 | |
| 1.4 | 16QAM | 3 | 1 | 22.95 | 22.99 | 22.79 | |
| 1.4 | 16QAM | 3 | 3 | 22.87 | 22.91 | 22.76 | |
| 1.4 | 16QAM | 6 | 0 | 21.92 | 21.93 | 21.77 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.83 | 22.09 | 21.92 | |
| 1.4 | 64QAM | 1 | 3 | 21.92 | 22.13 | 21.98 | |
| 1.4 | 64QAM | 1 | 5 | 21.86 | 22.06 | 21.88 | 23.5 |
| 1.4 | 64QAM | 3 | 0 | 21.83 | 22.04 | 21.87 | |
| 1.4 | 64QAM | 3 | 1 | 22.00 | 22.05 | 21.91 | |
| 1.4 | 64QAM | 3 | 3 | 21.92 | 22.04 | 21.84 | |
| 1.4 | 64QAM | 6 | 0 | 20.75 | 20.90 | 20.73 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.87 | 18.90 | 18.86 | |
| 1.4 | 256QAM | 1 | 3 | 18.99 | 19.00 | 18.79 | |
| 1.4 | 256QAM | 1 | 5 | 18.92 | 18.98 | 18.98 | 20.5 |
| 1.4 | 256QAM | 3 | 0 | 18.84 | 18.85 | 18.79 | |
| 1.4 | 256QAM | 3 | 1 | 18.76 | 18.90 | 18.85 | |
| 1.4 | 256QAM | 3 | 3 | 18.92 | 18.89 | 18.85 | |
| 1.4 | 256QAM | 6 | 0 | 18.85 | 18.80 | 18.98 | 20.5 |

## Band 71_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 133222 | 133322 | 133372 | |
| Frequency (MHz) | | | | 673 | 683 | 688 | |
| 20 | QPSK | 1 | 0 | 23.48 | 23.49 | 23.37 | 25 |
| 20 | QPSK | 1 | 49 | 23.42 | 23.41 | 23.37 | |
| 20 | QPSK | 1 | 99 | 23.35 | 23.39 | 23.35 | |
| 20 | QPSK | 50 | 0 | 22.57 | 22.58 | 22.46 | 24 |
| 20 | QPSK | 50 | 24 | 22.54 | 22.49 | 22.48 | |
| 20 | QPSK | 50 | 50 | 22.56 | 22.51 | 22.50 | |
| 20 | QPSK | 100 | 0 | 22.51 | 22.52 | 22.46 | |
| 20 | 16QAM | 1 | 0 | 22.86 | 22.82 | 22.74 | 24 |
| 20 | 16QAM | 1 | 49 | 22.77 | 22.77 | 22.76 | |
| 20 | 16QAM | 1 | 99 | 22.71 | 22.72 | 22.71 | |
| 20 | 16QAM | 50 | 0 | 21.58 | 21.53 | 21.48 | 23 |
| 20 | 16QAM | 50 | 24 | 21.61 | 21.51 | 21.49 | |
| 20 | 16QAM | 50 | 50 | 21.58 | 21.53 | 21.50 | |
| 20 | 16QAM | 100 | 0 | 21.59 | 21.48 | 21.46 | |
| 20 | 64QAM | 1 | 0 | 21.73 | 21.67 | 21.63 | 23 |
| 20 | 64QAM | 1 | 49 | 21.66 | 21.60 | 21.56 | |
| 20 | 64QAM | 1 | 99 | 21.59 | 21.63 | 21.60 | |
| 20 | 64QAM | 50 | 0 | 20.50 | 20.56 | 20.47 | 22 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.54 | 20.51 | |
| 20 | 64QAM | 50 | 50 | 20.60 | 20.56 | 20.53 | |
| 20 | 64QAM | 100 | 0 | 20.61 | 20.52 | 20.49 | |
| 20 | 256QAM | 1 | 0 | 18.58 | 18.44 | 18.57 | 20 |
| 20 | 256QAM | 1 | 49 | 18.57 | 18.32 | 18.46 | |
| 20 | 256QAM | 1 | 99 | 18.46 | 18.45 | 18.49 | |
| 20 | 256QAM | 50 | 0 | 18.47 | 18.43 | 18.39 | 20 |
| 20 | 256QAM | 50 | 24 | 18.41 | 18.38 | 18.29 | |
| 20 | 256QAM | 50 | 50 | 18.35 | 18.35 | 18.27 | |
| 20 | 256QAM | 100 | 0 | 18.43 | 18.36 | 18.29 | |
| Channel | | | | 133197 | 133297 | 133397 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 23.41 | 23.46 | 23.29 | 25 |
| 15 | QPSK | 1 | 37 | 23.40 | 23.37 | 23.35 | |
| 15 | QPSK | 1 | 74 | 23.25 | 23.32 | 23.27 | |
| 15 | QPSK | 36 | 0 | 22.49 | 22.48 | 22.41 | 24 |
| 15 | QPSK | 36 | 20 | 22.50 | 22.45 | 22.40 | |
| 15 | QPSK | 36 | 39 | 22.47 | 22.41 | 22.44 | |
| 15 | QPSK | 75 | 0 | 22.47 | 22.45 | 22.42 | |
| 15 | 16QAM | 1 | 0 | 22.80 | 22.82 | 22.71 | 24 |
| 15 | 16QAM | 1 | 37 | 22.75 | 22.67 | 22.69 | |
| 15 | 16QAM | 1 | 74 | 22.68 | 22.70 | 22.70 | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.53 | 21.44 | 23 |
| 15 | 16QAM | 36 | 20 | 21.56 | 21.42 | 21.44 | |
| 15 | 16QAM | 36 | 39 | 21.48 | 21.51 | 21.45 | |
| 15 | 16QAM | 75 | 0 | 21.53 | 21.41 | 21.44 | |
| 15 | 64QAM | 1 | 0 | 21.65 | 21.57 | 21.62 | 23 |
| 15 | 64QAM | 1 | 37 | 21.56 | 21.51 | 21.55 | |
| 15 | 64QAM | 1 | 74 | 21.50 | 21.58 | 21.60 | |
| 15 | 64QAM | 36 | 0 | 20.47 | 20.49 | 20.42 | 22 |
| 15 | 64QAM | 36 | 20 | 20.62 | 20.54 | 20.50 | |
| 15 | 64QAM | 36 | 39 | 20.52 | 20.54 | 20.50 | |
| 15 | 64QAM | 75 | 0 | 20.58 | 20.48 | 20.49 | |
| 15 | 256QAM | 1 | 0 | 18.53 | 18.40 | 18.55 | 20 |
| 15 | 256QAM | 1 | 37 | 18.52 | 18.31 | 18.43 | |
| 15 | 256QAM | 1 | 74 | 18.45 | 18.35 | 18.47 | |
| 15 | 256QAM | 36 | 0 | 18.43 | 18.40 | 18.34 | 20 |
| 15 | 256QAM | 36 | 20 | 18.38 | 18.35 | 18.23 | |
| 15 | 256QAM | 36 | 39 | 18.29 | 18.30 | 18.22 | |
| 15 | 256QAM | 75 | 0 | 18.39 | 18.33 | 18.19 | |
| Channel | | | | 133172 | 133272 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 678 | 693 | |
| 10 | QPSK | 1 | 0 | 23.40 | 23.48 | 23.35 | 25 |
| 10 | QPSK | 1 | 25 | 23.40 | 23.38 | 23.34 | |
| 10 | QPSK | 1 | 49 | 23.25 | 23.34 | 23.34 | |
| 10 | QPSK | 25 | 0 | 22.57 | 22.53 | 22.39 | 24 |
| 10 | QPSK | 25 | 12 | 22.53 | 22.46 | 22.47 | |
| 10 | QPSK | 25 | 25 | 22.51 | 22.48 | 22.40 | |
| 10 | QPSK | 50 | 0 | 22.48 | 22.45 | 22.40 | |
| 10 | 16QAM | 1 | 0 | 22.85 | 22.82 | 22.70 | 24 |
| 10 | 16QAM | 1 | 25 | 22.67 | 22.69 | 22.76 | |
| 10 | 16QAM | 1 | 49 | 22.64 | 22.62 | 22.65 | |
| 10 | 16QAM | 25 | 0 | 21.52 | 21.52 | 21.39 | 23 |
| 10 | 16QAM | 25 | 12 | 21.58 | 21.51 | 21.46 | |
| 10 | 16QAM | 25 | 25 | 21.50 | 21.43 | 21.46 | |
| 10 | 16QAM | 50 | 0 | 21.54 | 21.48 | 21.40 | |
| 10 | 64QAM | 1 | 0 | 21.72 | 21.63 | 21.55 | 23 |
| 10 | 64QAM | 1 | 25 | 21.64 | 21.57 | 21.53 | |
| 10 | 64QAM | 1 | 49 | 21.49 | 21.55 | 21.59 | |
| 10 | 64QAM | 25 | 0 | 20.40 | 20.56 | 20.40 | 22 |
| 10 | 64QAM | 25 | 12 | 20.62 | 20.45 | 20.45 | |
| 10 | 64QAM | 25 | 25 | 20.58 | 20.53 | 20.51 | |
| 10 | 64QAM | 50 | 0 | 20.56 | 20.50 | 20.42 | |
| 10 | 256QAM | 1 | 0 | 18.49 | 18.39 | 18.52 | 20 |
| 10 | 256QAM | 1 | 25 | 18.47 | 18.24 | 18.41 | |
| 10 | 256QAM | 1 | 49 | 18.45 | 18.43 | 18.44 | |
| 10 | 256QAM | 25 | 0 | 18.38 | 18.40 | 18.32 | 20 |
| 10 | 256QAM | 25 | 12 | 18.34 | 18.28 | 18.23 | |
| 10 | 256QAM | 25 | 25 | 18.33 | 18.34 | 18.23 | |
| 10 | 256QAM | 50 | 0 | 18.41 | 18.28 | 18.23 | |
| Channel | | | | 133147 | 133247 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 675.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 23.41 | 23.45 | 23.31 | 25 |
| 5 | QPSK | 1 | 12 | 23.38 | 23.41 | 23.31 | |
| 5 | QPSK | 1 | 24 | 23.28 | 23.38 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.50 | 22.55 | 22.38 | 24 |
| 5 | QPSK | 12 | 7 | 22.45 | 22.43 | 22.39 | |
| 5 | QPSK | 12 | 13 | 22.50 | 22.44 | 22.46 | |
| 5 | QPSK | 25 | 0 | 22.43 | 22.44 | 22.42 | |
| 5 | 16QAM | 1 | 0 | 22.79 | 22.77 | 22.65 | 24 |
| 5 | 16QAM | 1 | 12 | 22.70 | 22.74 | 22.67 | |
| 5 | 16QAM | 1 | 24 | 22.62 | 22.69 | 22.62 | |
| 5 | 16QAM | 12 | 0 | 21.49 | 21.52 | 21.46 | 23 |
| 5 | 16QAM | 12 | 7 | 21.54 | 21.46 | 21.40 | |
| 5 | 16QAM | 12 | 13 | 21.49 | 21.48 | 21.49 | |
| 5 | 16QAM | 25 | 0 | 21.53 | 21.39 | 21.46 | |
| 5 | 64QAM | 1 | 0 | 21.73 | 21.60 | 21.58 | 23 |
| 5 | 64QAM | 1 | 12 | 21.62 | 21.58 | 21.55 | |
| 5 | 64QAM | 1 | 24 | 21.59 | 21.60 | 21.59 | |
| 5 | 64QAM | 12 | 0 | 20.46 | 20.47 | 20.43 | 22 |
| 5 | 64QAM | 12 | 7 | 20.61 | 20.53 | 20.49 | |
| 5 | 64QAM | 12 | 13 | 20.50 | 20.54 | 20.46 | |
| 5 | 64QAM | 25 | 0 | 20.59 | 20.52 | 20.47 | |
| 5 | 256QAM | 1 | 0 | 18.55 | 18.38 | 18.49 | 20 |
| 5 | 256QAM | 1 | 12 | 18.57 | 18.23 | 18.46 | |
| 5 | 256QAM | 1 | 24 | 18.42 | 18.41 | 18.48 | |
| 5 | 256QAM | 12 | 0 | 18.47 | 18.35 | 18.32 | 20 |
| 5 | 256QAM | 12 | 7 | 18.40 | 18.32 | 18.27 | |
| 5 | 256QAM | 12 | 13 | 18.30 | 18.26 | 18.20 | |
| 5 | 256QAM | 25 | 0 | 18.34 | 18.27 | 18.22 | |

## Band 2_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 22.87 | 22.87 | 23.17 | |
| 20 | QPSK | 1 | 49 | 22.84 | 22.97 | 23.13 | 24 |
| 20 | QPSK | 1 | 99 | 22.93 | 23.03 | 23.10 | |
| 20 | QPSK | 50 | 0 | 22.85 | 23.04 | 23.12 | |
| 20 | QPSK | 50 | 24 | 23.04 | 23.06 | 23.18 | 24 |
| 20 | QPSK | 50 | 50 | 23.01 | 23.18 | 23.26 | |
| 20 | QPSK | 100 | 0 | 23.02 | 23.03 | 23.19 | |
| 20 | 16QAM | 1 | 0 | 23.09 | 23.26 | 23.42 | |
| 20 | 16QAM | 1 | 49 | 23.11 | 23.33 | 23.29 | 24 |
| 20 | 16QAM | 1 | 99 | 23.25 | 23.33 | 23.36 | |
| 20 | 16QAM | 50 | 0 | 22.61 | 22.72 | 22.81 | |
| 20 | 16QAM | 50 | 24 | 22.75 | 22.77 | 22.90 | 23.5 |
| 20 | 16QAM | 50 | 50 | 22.79 | 22.92 | 22.97 | |
| 20 | 16QAM | 100 | 0 | 22.74 | 22.77 | 22.84 | |
| 20 | 64QAM | 1 | 0 | 23.00 | 22.80 | 22.98 | |
| 20 | 64QAM | 1 | 49 | 23.04 | 22.79 | 21.80 | 23.5 |
| 20 | 64QAM | 1 | 99 | 23.14 | 22.98 | 22.14 | |
| 20 | 64QAM | 50 | 0 | 21.64 | 21.81 | 21.22 | |
| 20 | 64QAM | 50 | 24 | 21.76 | 21.83 | 21.09 | 22.5 |
| 20 | 64QAM | 50 | 50 | 21.66 | 21.90 | 21.24 | |
| 20 | 64QAM | 100 | 0 | 21.67 | 21.76 | 21.13 | |
| 20 | 256QAM | 1 | 0 | 19.92 | 19.55 | 19.67 | |
| 20 | 256QAM | 1 | 49 | 19.54 | 19.71 | 19.72 | 20.5 |
| 20 | 256QAM | 1 | 99 | 19.86 | 19.76 | 19.80 | |
| 20 | 256QAM | 50 | 0 | 19.85 | 19.51 | 19.51 | |
| 20 | 256QAM | 50 | 24 | 19.68 | 19.58 | 19.66 | 20.5 |
| 20 | 256QAM | 50 | 50 | 19.61 | 19.73 | 19.75 | |
| 20 | 256QAM | 100 | 0 | 19.52 | 19.54 | 19.71 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 22.87 | 22.86 | 23.14 | |
| 15 | QPSK | 1 | 37 | 22.80 | 22.89 | 23.10 | 24 |
| 15 | QPSK | 1 | 74 | 22.84 | 23.01 | 23.01 | |
| 15 | QPSK | 36 | 0 | 22.80 | 22.95 | 23.12 | |
| 15 | QPSK | 36 | 20 | 23.00 | 22.97 | 23.10 | 24 |
| 15 | QPSK | 36 | 39 | 23.01 | 23.12 | 23.26 | |
| 15 | QPSK | 75 | 0 | 22.95 | 23.01 | 23.14 | |
| 15 | 16QAM | 1 | 0 | 22.99 | 23.26 | 23.35 | |
| 15 | 16QAM | 1 | 37 | 23.03 | 23.27 | 23.22 | 24 |
| 15 | 16QAM | 1 | 74 | 23.15 | 23.24 | 23.33 | |
| 15 | 16QAM | 36 | 0 | 22.58 | 22.71 | 22.78 | |
| 15 | 16QAM | 36 | 20 | 22.71 | 22.73 | 22.82 | 23.5 |
| 15 | 16QAM | 36 | 39 | 22.71 | 22.84 | 22.94 | |
| 15 | 16QAM | 75 | 0 | 22.74 | 22.69 | 22.82 | |
| 15 | 64QAM | 1 | 0 | 22.93 | 22.79 | 22.93 | |
| 15 | 64QAM | 1 | 37 | 23.00 | 22.75 | 21.75 | 23.5 |
| 15 | 64QAM | 1 | 74 | 23.10 | 22.90 | 22.07 | |
| 15 | 64QAM | 36 | 0 | 21.63 | 21.77 | 21.12 | |
| 15 | 64QAM | 36 | 20 | 21.69 | 21.83 | 20.99 | 22.5 |
| 15 | 64QAM | 36 | 39 | 21.66 | 21.83 | 21.15 | |
| 15 | 64QAM | 75 | 0 | 21.62 | 21.72 | 21.03 | |
| 15 | 256QAM | 1 | 0 | 19.87 | 19.47 | 19.64 | |
| 15 | 256QAM | 1 | 37 | 19.50 | 19.64 | 19.66 | 20.5 |
| 15 | 256QAM | 1 | 74 | 19.79 | 19.70 | 19.85 | |
| 15 | 256QAM | 36 | 0 | 19.81 | 19.44 | 19.44 | |
| 15 | 256QAM | 36 | 20 | 19.61 | 19.56 | 19.60 | 20.5 |
| 15 | 256QAM | 36 | 39 | 19.59 | 19.72 | 19.75 | |
| 15 | 256QAM | 75 | 0 | 19.50 | 19.52 | 19.63 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 22.83 | 22.81 | 23.13 | |
| 10 | QPSK | 1 | 25 | 22.81 | 22.90 | 23.03 | 24 |
| 10 | QPSK | 1 | 49 | 22.85 | 22.93 | 23.03 | |
| 10 | QPSK | 25 | 0 | 22.82 | 22.97 | 23.09 | |
| 10 | QPSK | 25 | 12 | 23.00 | 22.98 | 23.11 | 24 |
| 10 | QPSK | 25 | 25 | 23.01 | 23.10 | 23.20 | |
| 10 | QPSK | 50 | 0 | 22.95 | 22.95 | 23.15 | |
| 10 | 16QAM | 1 | 0 | 23.02 | 23.26 | 23.34 | |
| 10 | 16QAM | 1 | 25 | 23.01 | 23.30 | 23.20 | 24 |
| 10 | 16QAM | 1 | 49 | 23.21 | 23.33 | 23.35 | |
| 10 | 16QAM | 25 | 0 | 22.56 | 22.63 | 22.76 | |
| 10 | 16QAM | 25 | 12 | 22.69 | 22.72 | 22.84 | 23.5 |
| 10 | 16QAM | 25 | 25 | 22.76 | 22.82 | 22.89 | |
| 10 | 16QAM | 50 | 0 | 22.73 | 22.75 | 22.76 | |
| 10 | 64QAM | 1 | 0 | 22.97 | 22.73 | 22.96 | |
| 10 | 64QAM | 1 | 25 | 22.99 | 22.69 | 21.72 | 23.5 |
| 10 | 64QAM | 1 | 49 | 23.06 | 22.97 | 22.07 | |
| 10 | 64QAM | 25 | 0 | 21.55 | 21.71 | 21.17 | |
| 10 | 64QAM | 25 | 12 | 21.76 | 21.78 | 21.09 | 22.5 |
| 10 | 64QAM | 25 | 25 | 21.62 | 21.86 | 21.15 | |
| 10 | 64QAM | 50 | 0 | 21.60 | 21.70 | 21.04 | |
| 10 | 256QAM | 1 | 0 | 19.90 | 19.49 | 19.67 | |
| 10 | 256QAM | 1 | 25 | 19.53 | 19.62 | 19.62 | 20.5 |
| 10 | 256QAM | 1 | 49 | 19.85 | 19.69 | 19.85 | |
| 10 | 256QAM | 25 | 0 | 19.81 | 19.47 | 19.43 | |
| 10 | 256QAM | 25 | 12 | 19.59 | 19.57 | 19.63 | 20.5 |
| 10 | 256QAM | 25 | 25 | 19.51 | 19.65 | 19.71 | |
| 10 | 256QAM | 50 | 0 | 19.49 | 19.47 | 19.68 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 22.78 | 22.81 | 23.13 | |
| 5 | QPSK | 1 | 12 | 22.77 | 22.94 | 23.00 | 24 |
| 5 | QPSK | 1 | 24 | 22.91 | 22.93 | 23.09 | |
| 5 | QPSK | 12 | 0 | 22.82 | 23.01 | 23.05 | |
| 5 | QPSK | 12 | 7 | 22.94 | 22.96 | 23.14 | 24 |
| 5 | QPSK | 12 | 13 | 22.91 | 23.12 | 23.25 | |
| 5 | QPSK | 25 | 0 | 22.92 | 23.03 | 23.11 | |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.22 | 23.41 | |
| 5 | 16QAM | 1 | 12 | 23.04 | 23.30 | 23.23 | 24 |
| 5 | 16QAM | 1 | 24 | 23.19 | 23.27 | 23.31 | |
| 5 | 16QAM | 12 | 0 | 22.59 | 22.70 | 22.73 | |
| 5 | 16QAM | 12 | 7 | 22.72 | 22.71 | 22.90 | 23.5 |
| 5 | 16QAM | 12 | 13 | 22.74 | 22.90 | 22.96 | |
| 5 | 16QAM | 25 | 0 | 22.74 | 22.75 | 22.79 | |
| 5 | 64QAM | 1 | 0 | 22.99 | 22.72 | 22.86 | |
| 5 | 64QAM | 1 | 12 | 22.95 | 22.78 | 21.76 | 23.5 |
| 5 | 64QAM | 1 | 24 | 23.04 | 22.96 | 22.13 | |
| 5 | 64QAM | 12 | 0 | 21.62 | 21.72 | 21.15 | |
| 5 | 64QAM | 12 | 7 | 21.74 | 21.83 | 21.00 | 22.5 |
| 5 | 64QAM | 12 | 13 | 21.59 | 21.84 | 21.15 | |
| 5 | 64QAM | 25 | 0 | 21.65 | 21.66 | 21.09 | |
| 5 | 256QAM | 1 | 0 | 19.89 | 19.53 | 19.67 | |
| 5 | 256QAM | 1 | 12 | 19.48 | 19.69 | 19.70 | 20.5 |
| 5 | 256QAM | 1 | 24 | 19.81 | 19.69 | 19.79 | |
| 5 | 256QAM | 12 | 0 | 19.81 | 19.44 | 19.49 | |
| 5 | 256QAM | 12 | 7 | 19.63 | 19.58 | 19.58 | 20.5 |
| 5 | 256QAM | 12 | 13 | 19.59 | 19.66 | 19.75 | |
| 5 | 256QAM | 25 | 0 | 19.48 | 19.47 | 19.64 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 22.87 | 22.78 | 23.12 | |
| 3 | QPSK | 1 | 8 | 22.76 | 22.87 | 23.08 | 24 |
| 3 | QPSK | 1 | 14 | 22.92 | 22.96 | 23.07 | |
| 3 | QPSK | 8 | 0 | 22.83 | 23.02 | 23.03 | |
| 3 | QPSK | 8 | 4 | 23.02 | 22.99 | 23.18 | 24 |
| 3 | QPSK | 8 | 7 | 22.93 | 23.17 | 23.20 | |
| 3 | QPSK | 15 | 0 | 22.96 | 22.97 | 23.12 | |
| 3 | 16QAM | 1 | 0 | 23.08 | 23.22 | 23.40 | |
| 3 | 16QAM | 1 | 8 | 23.01 | 23.24 | 23.27 | 24 |
| 3 | 16QAM | 1 | 14 | 23.19 | 23.33 | 23.32 | |
| 3 | 16QAM | 8 | 0 | 22.59 | 22.66 | 22.74 | |
| 3 | 16QAM | 8 | 4 | 22.66 | 22.67 | 22.80 | 23.5 |
| 3 | 16QAM | 8 | 7 | 22.75 | 22.82 | 22.96 | |
| 3 | 16QAM | 15 | 0 | 22.68 | 22.69 | 22.84 | |
| 3 | 64QAM | 1 | 0 | 22.93 | 22.71 | 22.91 | |
| 3 | 64QAM | 1 | 8 | 23.03 | 22.73 | 21.76 | 23.5 |
| 3 | 64QAM | 1 | 14 | 23.07 | 22.90 | 22.06 | |
| 3 | 64QAM | 8 | 0 | 21.59 | 21.74 | 21.22 | |
| 3 | 64QAM | 8 | 4 | 21.70 | 21.77 | 21.07 | 22.5 |
| 3 | 64QAM | 8 | 7 | 21.62 | 21.87 | 21.20 | |
| 3 | 64QAM | 15 | 0 | 21.65 | 21.68 | 21.10 | |
| 3 | 256QAM | 1 | 0 | 19.84 | 19.46 | 19.65 | |
| 3 | 256QAM | 1 | 8 | 19.51 | 19.67 | 19.64 | 20.5 |
| 3 | 256QAM | 1 | 14 | 19.82 | 19.68 | 19.80 | |
| 3 | 256QAM | 8 | 0 | 19.85 | 19.42 | 19.48 | |
| 3 | 256QAM | 8 | 4 | 19.58 | 19.57 | 19.64 | 20.5 |
| 3 | 256QAM | 8 | 7 | 19.59 | 19.70 | 19.75 | |
| 3 | 256QAM | 15 | 0 | 19.50 | 19.54 | 19.71 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 22.79 | 22.92 | 22.97 | |
| 1.4 | QPSK | 1 | 3 | 22.88 | 22.99 | 23.10 | |
| 1.4 | QPSK | 1 | 5 | 22.81 | 22.93 | 23.03 | 24 |
| 1.4 | QPSK | 3 | 0 | 22.80 | 22.92 | 23.07 | |
| 1.4 | QPSK | 3 | 1 | 22.87 | 23.02 | 23.07 | |
| 1.4 | QPSK | 3 | 3 | 22.82 | 22.97 | 23.07 | |
| 1.4 | QPSK | 6 | 0 | 22.84 | 22.97 | 23.11 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.98 | 23.14 | 23.27 | |
| 1.4 | 16QAM | 1 | 3 | 23.09 | 23.21 | 23.32 | |
| 1.4 | 16QAM | 1 | 5 | 22.98 | 23.14 | 23.24 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.86 | 23.02 | 23.16 | |
| 1.4 | 16QAM | 3 | 1 | 22.89 | 23.13 | 23.22 | |
| 1.4 | 16QAM | 3 | 3 | 22.85 | 23.10 | 23.13 | |
| 1.4 | 16QAM | 6 | 0 | 22.54 | 22.71 | 22.86 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 22.54 | 22.72 | 22.25 | |
| 1.4 | 64QAM | 1 | 3 | 22.66 | 22.86 | 22.34 | |
| 1.4 | 64QAM | 1 | 5 | 22.61 | 22.79 | 22.29 | 23.5 |
| 1.4 | 64QAM | 3 | 0 | 22.55 | 22.70 | 22.38 | |
| 1.4 | 64QAM | 3 | 1 | 22.59 | 22.81 | 22.39 | |
| 1.4 | 64QAM | 3 | 3 | 22.56 | 22.72 | 22.34 | |
| 1.4 | 64QAM | 6 | 0 | 21.59 | 21.68 | 21.40 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 19.77 | 19.41 | 19.61 | |
| 1.4 | 256QAM | 1 | 3 | 19.50 | 19.60 | 19.54 | |
| 1.4 | 256QAM | 1 | 5 | 19.73 | 19.62 | 19.70 | 20.5 |
| 1.4 | 256QAM | 3 | 0 | 19.80 | 19.41 | 19.41 | |
| 1.4 | 256QAM | 3 | 1 | 19.48 | 19.50 | 19.55 | |
| 1.4 | 256QAM | 3 | 3 | 19.54 | 19.70 | 19.71 | |
| 1.4 | 256QAM | 6 | 0 | 19.45 | 19.44 | 19.67 | 20.5 |

## Band 4_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 23.64 | 23.69 | 23.67 | |
| 20 | QPSK | 1 | 49 | 23.50 | 23.63 | 23.48 | 24 |
| 20 | QPSK | 1 | 99 | 23.68 | 23.64 | 23.64 | |
| 20 | QPSK | 50 | 0 | 22.87 | 22.93 | 22.84 | |
| 20 | QPSK | 50 | 24 | 22.95 | 22.88 | 22.75 | 24 |
| 20 | QPSK | 50 | 50 | 22.94 | 22.88 | 22.88 | |
| 20 | QPSK | 100 | 0 | 22.97 | 22.93 | 22.88 | |
| 20 | 16QAM | 1 | 0 | 23.49 | 23.54 | 23.50 | |
| 20 | 16QAM | 1 | 49 | 23.40 | 23.50 | 23.40 | 24 |
| 20 | 16QAM | 1 | 99 | 23.41 | 23.46 | 23.44 | |
| 20 | 16QAM | 50 | 0 | 22.90 | 22.92 | 22.81 | |
| 20 | 16QAM | 50 | 24 | 22.95 | 22.89 | 22.87 | 23.7 |
| 20 | 16QAM | 50 | 50 | 22.91 | 22.97 | 22.89 | |
| 20 | 16QAM | 100 | 0 | 22.96 | 22.84 | 22.79 | |
| 20 | 64QAM | 1 | 0 | 21.98 | 22.04 | 22.39 | |
| 20 | 64QAM | 1 | 49 | 22.98 | 22.82 | 22.88 | 23.7 |
| 20 | 64QAM | 1 | 99 | 23.01 | 22.73 | 22.90 | |
| 20 | 64QAM | 50 | 0 | 21.60 | 21.96 | 21.67 | |
| 20 | 64QAM | 50 | 24 | 21.96 | 21.77 | 21.86 | 22.7 |
| 20 | 64QAM | 50 | 50 | 21.99 | 21.62 | 21.86 | |
| 20 | 64QAM | 100 | 0 | 21.85 | 21.79 | 21.82 | |
| 20 | 256QAM | 1 | 0 | 19.60 | 19.81 | 19.78 | |
| 20 | 256QAM | 1 | 49 | 19.88 | 19.67 | 19.63 | 20.7 |
| 20 | 256QAM | 1 | 99 | 19.81 | 19.94 | 19.89 | |
| 20 | 256QAM | 50 | 0 | 19.62 | 19.66 | 19.63 | |
| 20 | 256QAM | 50 | 24 | 19.68 | 19.68 | 19.59 | 20.7 |
| 20 | 256QAM | 50 | 50 | 19.79 | 19.73 | 19.64 | |
| 20 | 256QAM | 100 | 0 | 19.74 | 19.64 | 19.65 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 23.60 | 23.66 | 23.65 | |
| 15 | QPSK | 1 | 37 | 23.43 | 23.63 | 23.47 | 24 |
| 15 | QPSK | 1 | 74 | 23.64 | 23.62 | 23.58 | |
| 15 | QPSK | 36 | 0 | 22.79 | 22.93 | 22.77 | |
| 15 | QPSK | 36 | 20 | 22.91 | 22.88 | 22.67 | 24 |
| 15 | QPSK | 36 | 39 | 22.86 | 22.86 | 22.78 | |
| 15 | QPSK | 75 | 0 | 22.95 | 22.91 | 22.79 | |
| 15 | 16QAM | 1 | 0 | 23.42 | 23.46 | 23.48 | |
| 15 | 16QAM | 1 | 37 | 23.35 | 23.41 | 23.37 | 24 |
| 15 | 16QAM | 1 | 74 | 23.41 | 23.45 | 23.37 | |
| 15 | 16QAM | 36 | 0 | 22.90 | 22.91 | 22.71 | |
| 15 | 16QAM | 36 | 20 | 22.86 | 22.87 | 22.87 | 23.7 |
| 15 | 16QAM | 36 | 39 | 22.87 | 22.95 | 22.86 | |
| 15 | 16QAM | 75 | 0 | 22.91 | 22.76 | 22.74 | |
| 15 | 64QAM | 1 | 0 | 21.90 | 22.87 | 22.29 | |
| 15 | 64QAM | 1 | 37 | 22.89 | 22.79 | 22.85 | 23.7 |
| 15 | 64QAM | 1 | 74 | 22.96 | 22.69 | 22.81 | |
| 15 | 64QAM | 36 | 0 | 21.52 | 21.87 | 21.66 | |
| 15 | 64QAM | 36 | 20 | 21.87 | 21.68 | 21.83 | 22.7 |
| 15 | 64QAM | 36 | 39 | 21.97 | 21.52 | 21.84 | |
| 15 | 64QAM | 75 | 0 | 21.76 | 21.71 | 21.77 | |
| 15 | 256QAM | 1 | 0 | 19.51 | 19.78 | 19.78 | |
| 15 | 256QAM | 1 | 37 | 19.81 | 19.60 | 19.60 | 20.7 |
| 15 | 256QAM | 1 | 74 | 19.76 | 19.89 | 19.79 | |
| 15 | 256QAM | 36 | 0 | 19.61 | 19.60 | 19.55 | |
| 15 | 256QAM | 36 | 20 | 19.59 | 19.68 | 19.54 | 20.7 |
| 15 | 256QAM | 36 | 39 | 19.73 | 19.70 | 19.61 | |
| 15 | 256QAM | 75 | 0 | 19.65 | 19.60 | 19.62 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 23.62 | 23.68 | 23.65 | |
| 10 | QPSK | 1 | 25 | 23.40 | 23.61 | 23.38 | 24 |
| 10 | QPSK | 1 | 49 | 23.63 | 23.61 | 23.54 | |
| 10 | QPSK | 25 | 0 | 22.80 | 22.89 | 22.75 | |
| 10 | QPSK | 25 | 12 | 22.87 | 22.81 | 22.65 | 24 |
| 10 | QPSK | 25 | 25 | 22.92 | 22.78 | 22.88 | |
| 10 | QPSK | 50 | 0 | 22.97 | 22.84 | 22.81 | |
| 10 | 16QAM | 1 | 0 | 23.40 | 23.48 | 23.50 | |
| 10 | 16QAM | 1 | 25 | 23.30 | 23.47 | 23.39 | 24 |
| 10 | 16QAM | 1 | 49 | 23.31 | 23.46 | 23.43 | |
| 10 | 16QAM | 25 | 0 | 22.87 | 22.82 | 22.74 | |
| 10 | 16QAM | 25 | 12 | 22.87 | 22.82 | 22.83 | 23.7 |
| 10 | 16QAM | 25 | 25 | 22.91 | 22.90 | 22.82 | |
| 10 | 16QAM | 50 | 0 | 22.92 | 22.79 | 22.77 | |
| 10 | 64QAM | 1 | 0 | 21.97 | 22.88 | 22.33 | |
| 10 | 64QAM | 1 | 25 | 22.91 | 22.77 | 22.83 | 23.7 |
| 10 | 64QAM | 1 | 49 | 22.93 | 22.72 | 22.85 | |
| 10 | 64QAM | 25 | 0 | 21.58 | 21.88 | 21.63 | |
| 10 | 64QAM | 25 | 12 | 21.95 | 21.72 | 21.82 | 22.7 |
| 10 | 64QAM | 25 | 25 | 21.93 | 21.56 | 21.77 | |
| 10 | 64QAM | 50 | 0 | 21.76 | 21.74 | 21.77 | |
| 10 | 256QAM | 1 | 0 | 19.53 | 19.78 | 19.76 | |
| 10 | 256QAM | 1 | 25 | 19.88 | 19.63 | 19.63 | 20.7 |
| 10 | 256QAM | 1 | 49 | 19.79 | 19.91 | 19.81 | |
| 10 | 256QAM | 25 | 0 | 19.62 | 19.65 | 19.53 | |
| 10 | 256QAM | 25 | 12 | 19.63 | 19.65 | 19.54 | 20.7 |
| 10 | 256QAM | 25 | 25 | 19.71 | 19.70 | 19.59 | |
| 10 | 256QAM | 50 | 0 | 19.64 | 19.62 | 19.57 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 23.58 | 23.68 | 23.59 | |
| 5 | QPSK | 1 | 12 | 23.49 | 23.56 | 23.44 | 24 |
| 5 | QPSK | 1 | 24 | 23.59 | 23.59 | 23.58 | |
| 5 | QPSK | 12 | 0 | 22.78 | 22.87 | 22.81 | |
| 5 | QPSK | 12 | 7 | 22.95 | 22.83 | 22.70 | 24 |
| 5 | QPSK | 12 | 13 | 22.92 | 22.87 | 22.88 | |
| 5 | QPSK | 25 | 0 | 22.96 | 22.91 | 22.78 | |
| 5 | 16QAM | 1 | 0 | 23.45 | 23.44 | 23.43 | |
| 5 | 16QAM | 1 | 12 | 23.34 | 23.43 | 23.40 | 24 |
| 5 | 16QAM | 1 | 24 | 23.39 | 23.37 | 23.41 | |
| 5 | 16QAM | 12 | 0 | 22.81 | 22.86 | 22.80 | |
| 5 | 16QAM | 12 | 7 | 22.91 | 22.89 | 22.79 | 23.7 |
| 5 | 16QAM | 12 | 13 | 22.86 | 22.97 | 22.86 | |
| 5 | 16QAM | 25 | 0 | 22.92 | 22.81 | 22.76 | |
| 5 | 64QAM | 1 | 0 | 21.98 | 22.85 | 22.39 | |
| 5 | 64QAM | 1 | 12 | 22.93 | 22.81 | 22.87 | 23.7 |
| 5 | 64QAM | 1 | 24 | 22.96 | 22.63 | 22.88 | |
| 5 | 64QAM | 12 | 0 | 21.53 | 21.96 | 21.67 | |
| 5 | 64QAM | 12 | 7 | 21.87 | 21.68 | 21.81 | 22.7 |
| 5 | 64QAM | 12 | 13 | 21.94 | 21.56 | 21.77 | |
| 5 | 64QAM | 25 | 0 | 21.82 | 21.73 | 21.72 | |
| 5 | 256QAM | 1 | 0 | 19.60 | 19.77 | 19.73 | |
| 5 | 256QAM | 1 | 12 | 19.84 | 19.57 | 19.61 | 20.7 |
| 5 | 256QAM | 1 | 24 | 19.79 | 19.87 | 19.82 | |
| 5 | 256QAM | 12 | 0 | 19.53 | 19.62 | 19.59 | |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.68 | 19.57 | 20.7 |
| 5 | 256QAM | 12 | 13 | 19.77 | 19.72 | 19.57 | |
| 5 | 256QAM | 25 | 0 | 19.68 | 19.61 | 19.56 | |
| Channel | | | | 19925 | 20175 | 20425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 23.62 | 23.61 | 23.65 | |
| 3 | QPSK | 1 | 8 | 23.44 | 23.63 | 23.39 | 24 |
| 3 | QPSK | 1 | 14 | 23.68 | 23.56 | 23.54 | |
| 3 | QPSK | 8 | 0 | 22.84 | 22.88 | 22.84 | |
| 3 | QPSK | 8 | 4 | 22.91 | 22.85 | 22.75 | 24 |
| 3 | QPSK | 8 | 7 | 22.94 | 22.79 | 22.85 | |
| 3 | QPSK | 15 | 0 | 22.91 | 22.91 | 22.83 | |
| 3 | 16QAM | 1 | 0 | 23.46 | 23.50 | 23.44 | |
| 3 | 16QAM | 1 | 8 | 23.39 | 23.45 | 23.36 | 24 |
| 3 | 16QAM | 1 | 14 | 23.38 | 23.36 | 23.37 | |
| 3 | 16QAM | 8 | 0 | 22.82 | 22.87 | 22.71 | |
| 3 | 16QAM | 8 | 4 | 22.95 | 22.82 | 22.81 | 23.7 |
| 3 | 16QAM | 8 | 7 | 22.87 | 22.95 | 22.85 | |
| 3 | 16QAM | 15 | 0 | 22.95 | 22.76 | 22.77 | |
| 3 | 64QAM | 1 | 0 | 21.91 | 22.91 | 22.30 | |
| 3 | 64QAM | 1 | 8 | 22.96 | 22.79 | 22.78 | 23.7 |
| 3 | 64QAM | 1 | 14 | 22.96 | 22.63 | 22.80 | |
| 3 | 64QAM | 8 | 0 | 21.56 | 21.93 | 21.63 | |
| 3 | 64QAM | 8 | 4 | 21.96 | 21.75 | 21.81 | 22.7 |
| 3 | 64QAM | 8 | 7 | 21.94 | 21.62 | 21.80 | |
| 3 | 64QAM | 15 | 0 | 21.83 | 21.69 | 21.79 | |
| 3 | 256QAM | 1 | 0 | 19.56 | 19.79 | 19.72 | |
| 3 | 256QAM | 1 | 8 | 19.85 | 19.60 | 19.63 | 20.7 |
| 3 | 256QAM | 1 | 14 | 19.78 | 19.86 | 19.89 | |
| 3 | 256QAM | 8 | 0 | 19.56 | 19.60 | 19.57 | |
| 3 | 256QAM | 8 | 4 | 19.65 | 19.64 | 19.54 | 20.7 |
| 3 | 256QAM | 8 | 7 | 19.74 | 19.69 | 19.54 | |
| 3 | 256QAM | 15 | 0 | 19.73 | 19.56 | 19.63 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 23.21 | 23.23 | 23.12 | |
| 1.4 | QPSK | 1 | 3 | 23.21 | 23.30 | 23.23 | |
| 1.4 | QPSK | 1 | 5 | 23.19 | 23.27 | 23.17 | 24 |
| 1.4 | QPSK | 3 | 0 | 23.23 | 23.31 | 23.17 | |
| 1.4 | QPSK | 3 | 1 | 23.28 | 23.35 | 23.18 | |
| 1.4 | QPSK | 3 | 3 | 23.26 | 23.28 | 23.21 | |
| 1.4 | QPSK | 6 | 0 | 23.28 | 23.35 | 23.21 | 24 |
| 1.4 | 16QAM | 1 | 0 | 23.43 | 23.48 | 23.33 | |
| 1.4 | 16QAM | 1 | 3 | 23.53 | 23.55 | 23.46 | |
| 1.4 | 16QAM | 1 | 5 | 23.48 | 23.51 | 23.34 | 24 |
| 1.4 | 16QAM | 3 | 0 | 23.37 | 23.40 | 23.25 | |
| 1.4 | 16QAM | 3 | 1 | 23.39 | 23.47 | 23.36 | |
| 1.4 | 16QAM | 3 | 3 | 23.40 | 23.35 | 23.29 | |
| 1.4 | 16QAM | 6 | 0 | 22.83 | 22.89 | 22.75 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 21.96 | 22.66 | 22.78 | |
| 1.4 | 64QAM | 1 | 3 | 22.06 | 22.72 | 22.92 | |
| 1.4 | 64QAM | 1 | 5 | 22.02 | 22.67 | 22.79 | 23.7 |
| 1.4 | 64QAM | 3 | 0 | 21.99 | 22.67 | 22.74 | |
| 1.4 | 64QAM | 3 | 1 | 22.04 | 22.75 | 22.82 | |
| 1.4 | 64QAM | 3 | 3 | 21.99 | 22.64 | 22.79 | |
| 1.4 | 64QAM | 6 | 0 | 21.01 | 21.70 | 21.71 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.50 | 19.80 | 19.77 | |
| 1.4 | 256QAM | 1 | 3 | 19.86 | 19.62 | 19.59 | |
| 1.4 | 256QAM | 1 | 5 | 19.76 | 19.94 | 19.86 | 20.7 |
| 1.4 | 256QAM | 3 | 0 | 19.55 | 19.62 | 19.54 | |
| 1.4 | 256QAM | 3 | 1 | 19.62 | 19.64 | 19.58 | |
| 1.4 | 256QAM | 3 | 3 | 19.71 | 19.69 | 19.55 | |
| 1.4 | 256QAM | 6 | 0 | 19.65 | 19.63 | 19.65 | 20.7 |

## Band 5_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.49 | 24.54 | 24.53 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.48 | 24.52 | 24.50 | |
| 10 | QPSK | 1 | 49 | 24.56 | 24.48 | 24.43 | |
| 10 | QPSK | 25 | 0 | 23.59 | 23.64 | 23.62 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.69 | 23.65 | 23.62 | |
| 10 | QPSK | 25 | 25 | 23.63 | 23.67 | 23.62 | |
| 10 | QPSK | 50 | 0 | 23.67 | 23.64 | 23.60 | |
| 10 | 16QAM | 1 | 0 | 23.88 | 23.89 | 23.94 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.90 | 23.93 | 23.91 | |
| 10 | 16QAM | 1 | 49 | 23.95 | 23.90 | 23.81 | |
| 10 | 16QAM | 25 | 0 | 22.57 | 22.62 | 22.59 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.68 | 22.64 | 22.57 | |
| 10 | 16QAM | 25 | 25 | 22.64 | 22.63 | 22.56 | |
| 10 | 16QAM | 50 | 0 | 22.68 | 22.62 | 22.58 | |
| 10 | 64QAM | 1 | 0 | 22.68 | 22.78 | 22.79 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.82 | 22.87 | 22.82 | |
| 10 | 64QAM | 1 | 49 | 22.82 | 22.81 | 22.16 | |
| 10 | 64QAM | 25 | 0 | 21.62 | 21.66 | 21.64 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.71 | 21.69 | 21.67 | |
| 10 | 64QAM | 25 | 25 | 21.66 | 21.70 | 21.57 | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.66 | 21.62 | |
| 10 | 256QAM | 1 | 0 | 19.40 | 19.53 | 19.52 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.44 | 19.45 | 19.44 | |
| 10 | 256QAM | 1 | 49 | 19.52 | 19.48 | 19.37 | |
| 10 | 256QAM | 25 | 0 | 19.41 | 19.41 | 19.43 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.44 | 19.29 | 19.32 | |
| 10 | 256QAM | 25 | 25 | 19.34 | 19.38 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.44 | 19.37 | 19.36 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.54 | 24.52 | 24.48 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.50 | 24.53 | 24.48 | |
| 5 | QPSK | 1 | 24 | 24.46 | 24.48 | 24.48 | |
| 5 | QPSK | 12 | 0 | 23.59 | 23.70 | 23.61 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.66 | 23.67 | 23.55 | |
| 5 | QPSK | 12 | 13 | 23.60 | 23.65 | 23.54 | |
| 5 | QPSK | 25 | 0 | 23.63 | 23.69 | 23.55 | |
| 5 | 16QAM | 1 | 0 | 23.90 | 23.95 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.89 | 23.95 | 23.83 | |
| 5 | 16QAM | 1 | 24 | 23.89 | 23.91 | 23.78 | |
| 5 | 16QAM | 12 | 0 | 22.64 | 22.72 | 22.61 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.69 | 22.58 | |
| 5 | 16QAM | 12 | 13 | 22.61 | 22.67 | 22.57 | |
| 5 | 16QAM | 25 | 0 | 22.69 | 22.71 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.90 | 22.82 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.80 | 22.86 | 22.47 | |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.86 | 22.12 | |
| 5 | 64QAM | 12 | 0 | 21.69 | 21.75 | 21.67 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.73 | 21.75 | 21.41 | |
| 5 | 64QAM | 12 | 13 | 21.66 | 21.70 | 21.22 | |
| 5 | 64QAM | 25 | 0 | 21.69 | 21.74 | 21.45 | |
| 5 | 256QAM | 1 | 0 | 19.33 | 19.49 | 19.44 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.40 | 19.41 | 19.41 | |
| 5 | 256QAM | 1 | 24 | 19.50 | 19.48 | 19.34 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.32 | 19.43 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.28 | 19.30 | |
| 5 | 256QAM | 12 | 13 | 19.33 | 19.28 | 19.18 | |
| 5 | 256QAM | 25 | 0 | 19.34 | 19.37 | 19.31 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.80 | 23.87 | 23.85 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.87 | 23.94 | 23.83 | |
| 3 | QPSK | 1 | 14 | 23.79 | 23.83 | 23.71 | |
| 3 | QPSK | 8 | 0 | 22.89 | 22.93 | 22.87 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.95 | 23.01 | 22.87 | |
| 3 | QPSK | 8 | 7 | 22.88 | 22.93 | 22.83 | |
| 3 | QPSK | 15 | 0 | 22.90 | 22.97 | 22.86 | |
| 3 | 16QAM | 1 | 0 | 23.13 | 23.17 | 23.17 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.26 | 23.30 | 23.13 | |
| 3 | 16QAM | 1 | 14 | 23.11 | 23.18 | 23.03 | |
| 3 | 16QAM | 8 | 0 | 21.95 | 22.00 | 21.94 | 23.7 |
| 3 | 16QAM | 8 | 4 | 21.98 | 22.06 | 21.96 | |
| 3 | 16QAM | 8 | 7 | 21.95 | 21.98 | 21.87 | |
| 3 | 16QAM | 15 | 0 | 21.96 | 22.01 | 21.89 | |
| 3 | 64QAM | 1 | 0 | 23.03 | 22.15 | 21.90 | 23.7 |
| 3 | 64QAM | 1 | 8 | 23.13 | 22.21 | 21.71 | |
| 3 | 64QAM | 1 | 14 | 23.02 | 22.09 | 21.70 | |
| 3 | 64QAM | 8 | 0 | 21.90 | 21.00 | 20.76 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.94 | 21.03 | 21.76 | |
| 3 | 64QAM | 8 | 7 | 21.89 | 20.98 | 21.71 | |
| 3 | 64QAM | 15 | 0 | 21.92 | 20.98 | 21.72 | |
| 3 | 256QAM | 1 | 0 | 19.40 | 19.45 | 19.46 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.38 | 19.39 | 19.44 | |
| 3 | 256QAM | 1 | 14 | 19.46 | 19.47 | 19.29 | |
| 3 | 256QAM | 8 | 0 | 19.36 | 19.41 | 19.33 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.35 | 19.19 | 19.27 | |
| 3 | 256QAM | 8 | 7 | 19.33 | 19.33 | 19.20 | |
| 3 | 256QAM | 15 | 0 | 19.38 | 19.36 | 19.31 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.71 | 23.79 | 23.70 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.80 | 23.86 | 23.76 | |
| 1.4 | QPSK | 1 | 5 | 23.70 | 23.80 | 23.71 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.80 | 23.75 | |
| 1.4 | QPSK | 3 | 1 | 23.83 | 23.89 | 23.80 | |
| 1.4 | QPSK | 3 | 3 | 23.78 | 23.81 | 23.72 | |
| 1.4 | QPSK | 6 | 0 | 22.83 | 22.91 | 22.77 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.05 | 23.11 | 23.07 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.14 | 23.21 | 23.12 | |
| 1.4 | 16QAM | 1 | 5 | 23.07 | 23.12 | 23.00 | |
| 1.4 | 16QAM | 3 | 0 | 22.89 | 22.89 | 22.82 | |
| 1.4 | 16QAM | 3 | 1 | 22.93 | 23.00 | 22.85 | |
| 1.4 | 16QAM | 3 | 3 | 22.83 | 22.91 | 22.78 | |
| 1.4 | 16QAM | 6 | 0 | 21.91 | 21.99 | 21.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 21.96 | 22.04 | 21.72 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.10 | 22.15 | 21.78 | |
| 1.4 | 64QAM | 1 | 5 | 22.00 | 22.04 | 21.72 | |
| 1.4 | 64QAM | 3 | 0 | 21.99 | 21.97 | 21.73 | |
| 1.4 | 64QAM | 3 | 1 | 21.94 | 22.00 | 21.73 | |
| 1.4 | 64QAM | 3 | 3 | 21.89 | 21.93 | 21.73 | |
| 1.4 | 64QAM | 6 | 0 | 20.78 | 20.84 | 20.74 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.40 | 19.48 | 19.47 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.37 | 19.41 | 19.41 | |
| 1.4 | 256QAM | 1 | 5 | 19.47 | 19.47 | 19.27 | |
| 1.4 | 256QAM | 3 | 0 | 19.31 | 19.39 | 19.38 | |
| 1.4 | 256QAM | 3 | 1 | 19.44 | 19.26 | 19.26 | |
| 1.4 | 256QAM | 3 | 3 | 19.27 | 19.38 | 19.23 | |
| 1.4 | 256QAM | 6 | 0 | 19.38 | 19.36 | 19.30 | 20.7 |

## Band 7_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 22.75 | 22.96 | 22.84 | 23.3 |
| 20 | QPSK | 1 | 49 | 22.65 | 22.81 | 22.88 | |
| 20 | QPSK | 1 | 99 | 22.77 | 22.97 | 22.91 | |
| 20 | QPSK | 50 | 0 | 22.44 | 22.67 | 22.84 | 23.3 |
| 20 | QPSK | 50 | 24 | 22.58 | 22.63 | 22.85 | |
| 20 | QPSK | 50 | 50 | 22.59 | 22.87 | 22.86 | |
| 20 | QPSK | 100 | 0 | 22.56 | 22.72 | 22.86 | |
| 20 | 16QAM | 1 | 0 | 22.57 | 22.72 | 23.10 | 23.3 |
| 20 | 16QAM | 1 | 49 | 22.54 | 22.79 | 22.91 | |
| 20 | 16QAM | 1 | 99 | 22.69 | 22.91 | 22.83 | |
| 20 | 16QAM | 50 | 0 | 22.45 | 22.69 | 22.85 | 23.3 |
| 20 | 16QAM | 50 | 24 | 22.57 | 22.69 | 22.84 | |
| 20 | 16QAM | 50 | 50 | 22.58 | 22.84 | 22.89 | |
| 20 | 16QAM | 100 | 0 | 22.56 | 22.70 | 22.83 | |
| 20 | 64QAM | 1 | 0 | 22.56 | 22.70 | 22.89 | 23.3 |
| 20 | 64QAM | 1 | 49 | 22.53 | 22.78 | 22.82 | |
| 20 | 64QAM | 1 | 99 | 22.62 | 22.82 | 22.11 | |
| 20 | 64QAM | 50 | 0 | 21.93 | 22.15 | 22.26 | 22.7 |
| 20 | 64QAM | 50 | 24 | 22.03 | 22.15 | 22.08 | |
| 20 | 64QAM | 50 | 50 | 22.06 | 22.23 | 22.20 | |
| 20 | 64QAM | 100 | 0 | 22.02 | 22.13 | 22.18 | |
| 20 | 256QAM | 1 | 0 | 19.76 | 19.77 | 19.69 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.81 | 19.71 | 19.68 | |
| 20 | 256QAM | 1 | 99 | 19.69 | 19.75 | 19.72 | |
| 20 | 256QAM | 50 | 0 | 19.62 | 19.60 | 19.64 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.68 | 19.59 | 19.61 | |
| 20 | 256QAM | 50 | 50 | 19.71 | 19.67 | 19.66 | |
| 20 | 256QAM | 100 | 0 | 19.79 | 19.62 | 19.60 | |
| Channel | | | | 20525 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 22.66 | 22.96 | 22.80 | 23.3 |
| 15 | QPSK | 1 | 37 | 22.65 | 22.81 | 23.00 | |
| 15 | QPSK | 1 | 74 | 22.71 | 22.92 | 22.74 | |
| 15 | QPSK | 36 | 0 | 22.34 | 22.63 | 22.83 | 23.3 |
| 15 | QPSK | 36 | 20 | 22.53 | 22.62 | 22.84 | |
| 15 | QPSK | 36 | 39 | 22.50 | 22.78 | 22.82 | |
| 15 | QPSK | 75 | 0 | 22.52 | 22.72 | 22.84 | |
| 15 | 16QAM | 1 | 0 | 22.53 | 22.69 | 23.08 | 23.3 |
| 15 | 16QAM | 1 | 37 | 22.49 | 22.79 | 22.88 | |
| 15 | 16QAM | 1 | 74 | 22.64 | 22.82 | 22.77 | |
| 15 | 16QAM | 36 | 0 | 22.38 | 22.62 | 22.83 | 23.3 |
| 15 | 16QAM | 36 | 20 | 22.54 | 22.67 | 22.74 | |
| 15 | 16QAM | 36 | 39 | 22.52 | 22.77 | 22.88 | |
| 15 | 16QAM | 75 | 0 | 22.52 | 22.61 | 22.75 | |
| 15 | 64QAM | 1 | 0 | 22.49 | 22.60 | 22.89 | 23.3 |
| 15 | 64QAM | 1 | 37 | 22.43 | 22.72 | 22.77 | |
| 15 | 64QAM | 1 | 74 | 22.55 | 22.81 | 22.02 | |
| 15 | 64QAM | 36 | 0 | 21.85 | 22.14 | 22.26 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.94 | 22.11 | 22.05 | |
| 15 | 64QAM | 36 | 39 | 22.01 | 22.19 | 22.14 | |
| 15 | 64QAM | 75 | 0 | 21.94 | 22.05 | 22.15 | |
| 15 | 256QAM | 1 | 0 | 19.67 | 19.74 | 19.66 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.72 | 19.63 | 19.65 | |
| 15 | 256QAM | 1 | 74 | 19.89 | 19.69 | 19.72 | |
| 15 | 256QAM | 36 | 0 | 19.56 | 19.55 | 19.59 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.67 | 19.51 | 19.57 | |
| 15 | 256QAM | 36 | 39 | 19.67 | 19.58 | 19.64 | |
| 15 | 256QAM | 75 | 0 | 19.74 | 19.55 | 19.57 | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 22.72 | 22.96 | 22.78 | 23.3 |
| 10 | QPSK | 1 | 25 | 22.60 | 22.78 | 22.94 | |
| 10 | QPSK | 1 | 49 | 22.71 | 22.87 | 22.81 | |
| 10 | QPSK | 25 | 0 | 22.41 | 22.63 | 22.81 | 23.3 |
| 10 | QPSK | 25 | 12 | 22.52 | 22.60 | 22.77 | |
| 10 | QPSK | 25 | 25 | 22.51 | 22.78 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.49 | 22.64 | 22.79 | |
| 10 | 16QAM | 1 | 0 | 22.49 | 22.68 | 23.06 | 23.3 |
| 10 | 16QAM | 1 | 25 | 22.49 | 22.75 | 22.91 | |
| 10 | 16QAM | 1 | 49 | 22.64 | 22.87 | 22.80 | |
| 10 | 16QAM | 25 | 0 | 22.40 | 22.62 | 22.81 | 23.3 |
| 10 | 16QAM | 25 | 12 | 22.56 | 22.68 | 22.76 | |
| 10 | 16QAM | 25 | 25 | 22.52 | 22.77 | 22.88 | |
| 10 | 16QAM | 50 | 0 | 22.56 | 22.65 | 22.82 | |
| 10 | 64QAM | 1 | 0 | 22.56 | 22.60 | 22.82 | 23.3 |
| 10 | 64QAM | 1 | 25 | 22.46 | 22.69 | 22.78 | |
| 10 | 64QAM | 1 | 49 | 22.60 | 22.78 | 22.06 | |
| 10 | 64QAM | 25 | 0 | 21.85 | 22.07 | 22.26 | 22.7 |
| 10 | 64QAM | 25 | 12 | 22.00 | 22.11 | 21.99 | |
| 10 | 64QAM | 25 | 25 | 21.98 | 22.16 | 22.11 | |
| 10 | 64QAM | 50 | 0 | 21.97 | 22.13 | 22.12 | |
| 10 | 256QAM | 1 | 0 | 19.72 | 19.70 | 19.62 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.71 | 19.65 | 19.61 | |
| 10 | 256QAM | 1 | 49 | 19.88 | 19.68 | 19.70 | |
| 10 | 256QAM | 25 | 0 | 19.58 | 19.57 | 19.57 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.64 | 19.50 | 19.58 | |
| 10 | 256QAM | 25 | 25 | 19.64 | 19.60 | 19.66 | |
| 10 | 256QAM | 50 | 0 | 19.71 | 19.61 | 19.56 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 22.66 | 22.91 | 22.80 | 23.3 |
| 5 | QPSK | 1 | 12 | 22.64 | 22.77 | 23.01 | |
| 5 | QPSK | 1 | 24 | 22.69 | 22.91 | 22.73 | |
| 5 | QPSK | 12 | 0 | 22.42 | 22.60 | 22.74 | 23.3 |
| 5 | QPSK | 12 | 7 | 22.51 | 22.54 | 22.84 | |
| 5 | QPSK | 12 | 13 | 22.54 | 22.73 | 22.77 | |
| 5 | QPSK | 25 | 0 | 22.55 | 22.66 | 22.82 | |
| 5 | 16QAM | 1 | 0 | 22.47 | 22.64 | 23.09 | 23.3 |
| 5 | 16QAM | 1 | 12 | 22.49 | 22.79 | 22.86 | |
| 5 | 16QAM | 1 | 24 | 22.66 | 22.88 | 22.81 | |
| 5 | 16QAM | 12 | 0 | 22.45 | 22.64 | 22.79 | 23.3 |
| 5 | 16QAM | 12 | 7 | 22.51 | 22.64 | 22.83 | |
| 5 | 16QAM | 12 | 13 | 22.52 | 22.83 | 22.82 | |
| 5 | 16QAM | 25 | 0 | 22.51 | 22.64 | 22.83 | |
| 5 | 64QAM | 1 | 0 | 22.47 | 22.69 | 22.82 | 23.3 |
| 5 | 64QAM | 1 | 12 | 22.52 | 22.73 | 22.81 | |
| 5 | 64QAM | 1 | 24 | 22.62 | 22.73 | 22.02 | |
| 5 | 64QAM | 12 | 0 | 21.89 | 22.05 | 22.26 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.95 | 22.08 | 21.98 | |
| 5 | 64QAM | 12 | 13 | 21.96 | 22.19 | 22.19 | |
| 5 | 64QAM | 25 | 0 | 21.96 | 22.07 | 22.10 | |
| 5 | 256QAM | 1 | 0 | 19.68 | 19.68 | 19.66 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.79 | 19.68 | 19.58 | |
| 5 | 256QAM | 1 | 24 | 19.82 | 19.71 | 19.66 | |
| 5 | 256QAM | 12 | 0 | 19.58 | 19.51 | 19.58 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.63 | 19.57 | 19.55 | |
| 5 | 256QAM | 12 | 13 | 19.66 | 19.60 | 19.60 | |
| 5 | 256QAM | 25 | 0 | 19.71 | 19.57 | 19.54 | |

## Band 12_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.64 | 24.53 | 24.59 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.59 | 24.60 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.67 | 24.63 | 24.60 | |
| 10 | QPSK | 25 | 0 | 23.72 | 23.74 | 23.71 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.73 | 23.72 | |
| 10 | QPSK | 25 | 25 | 23.77 | 23.79 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.79 | 23.71 | 23.73 | |
| 10 | 16QAM | 1 | 0 | 23.96 | 23.95 | 23.97 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.97 | 23.99 | 24.01 | |
| 10 | 16QAM | 1 | 49 | 24.06 | 24.01 | 24.04 | |
| 10 | 16QAM | 25 | 0 | 22.71 | 22.73 | 22.74 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.73 | 22.75 | |
| 10 | 16QAM | 25 | 25 | 22.72 | 22.80 | 22.77 | |
| 10 | 16QAM | 50 | 0 | 22.75 | 22.72 | 22.74 | |
| 10 | 64QAM | 1 | 0 | 22.87 | 22.80 | 22.83 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.88 | 22.92 | 22.96 | |
| 10 | 64QAM | 1 | 49 | 22.95 | 22.91 | 22.94 | |
| 10 | 64QAM | 25 | 0 | 21.76 | 21.74 | 21.76 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.77 | 21.78 | |
| 10 | 64QAM | 25 | 25 | 21.79 | 21.81 | 21.80 | |
| 10 | 64QAM | 50 | 0 | 21.82 | 21.77 | 21.77 | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.54 | 19.50 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.66 | 19.57 | 19.56 | |
| 10 | 256QAM | 1 | 49 | 19.62 | 19.68 | 19.64 | |
| 10 | 256QAM | 25 | 0 | 19.52 | 19.54 | 19.55 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.60 | 19.49 | 19.45 | |
| 10 | 256QAM | 25 | 25 | 19.42 | 19.47 | 19.55 | |
| 10 | 256QAM | 50 | 0 | 19.53 | 19.51 | 19.51 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.65 | 24.66 | 24.60 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.65 | 24.60 | 24.60 | |
| 5 | QPSK | 1 | 24 | 24.64 | 24.65 | 24.64 | |
| 5 | QPSK | 12 | 0 | 23.75 | 23.73 | 23.73 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.76 | 23.80 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.70 | 23.74 | 23.72 | |
| 5 | QPSK | 25 | 0 | 23.73 | 23.71 | 23.71 | |
| 5 | 16QAM | 1 | 0 | 23.98 | 23.99 | 23.97 | 24.7 |
| 5 | 16QAM | 1 | 12 | 24.01 | 24.01 | 23.99 | |
| 5 | 16QAM | 1 | 24 | 24.02 | 24.01 | 23.97 | |
| 5 | 16QAM | 12 | 0 | 22.83 | 22.78 | 22.78 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.78 | 22.80 | 22.74 | |
| 5 | 16QAM | 12 | 13 | 22.75 | 22.75 | 22.75 | |
| 5 | 16QAM | 25 | 0 | 22.76 | 22.71 | 22.70 | |
| 5 | 64QAM | 1 | 0 | 22.96 | 22.95 | 22.88 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.92 | 22.93 | 22.94 | |
| 5 | 64QAM | 1 | 24 | 22.96 | 22.98 | 22.92 | |
| 5 | 64QAM | 12 | 0 | 21.86 | 21.82 | 21.82 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.83 | 21.83 | 21.78 | |
| 5 | 64QAM | 12 | 13 | 21.76 | 21.80 | 21.77 | |
| 5 | 64QAM | 25 | 0 | 21.78 | 21.74 | 21.74 | |
| 5 | 256QAM | 1 | 0 | 19.36 | 19.46 | 19.48 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.60 | 19.49 | 19.52 | |
| 5 | 256QAM | 1 | 24 | 19.52 | 19.68 | 19.59 | |
| 5 | 256QAM | 12 | 0 | 19.45 | 19.52 | 19.50 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.51 | 19.48 | 19.42 | |
| 5 | 256QAM | 12 | 13 | 19.36 | 19.37 | 19.54 | |
| 5 | 256QAM | 25 | 0 | 19.53 | 19.49 | 19.48 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 23.92 | 23.88 | 23.86 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.92 | 23.95 | 23.93 | |
| 3 | QPSK | 1 | 14 | 23.85 | 23.90 | 23.84 | |
| 3 | QPSK | 8 | 0 | 22.99 | 22.97 | 22.94 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.96 | 23.00 | 22.97 | |
| 3 | QPSK | 8 | 7 | 22.94 | 22.97 | 22.92 | |
| 3 | QPSK | 15 | 0 | 22.96 | 22.92 | 22.92 | |
| 3 | 16QAM | 1 | 0 | 23.26 | 23.19 | 23.22 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.31 | 23.31 | 23.29 | |
| 3 | 16QAM | 1 | 14 | 23.18 | 23.22 | 23.19 | |
| 3 | 16QAM | 8 | 0 | 22.06 | 22.01 | 22.00 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.05 | 22.06 | 22.04 | |
| 3 | 16QAM | 8 | 7 | 22.00 | 22.06 | 21.98 | |
| 3 | 16QAM | 15 | 0 | 22.01 | 21.95 | 21.94 | |
| 3 | 64QAM | 1 | 0 | 22.21 | 22.14 | 22.14 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.24 | 22.23 | 22.20 | |
| 3 | 64QAM | 1 | 14 | 22.15 | 22.16 | 22.12 | |
| 3 | 64QAM | 8 | 0 | 21.03 | 21.03 | 20.96 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.06 | 21.07 | 21.04 | |
| 3 | 64QAM | 8 | 7 | 20.99 | 21.02 | 20.99 | |
| 3 | 64QAM | 15 | 0 | 21.00 | 20.95 | 20.93 | |
| 3 | 256QAM | 1 | 0 | 19.32 | 19.45 | 19.43 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.58 | 19.50 | 19.48 | |
| 3 | 256QAM | 1 | 14 | 19.60 | 19.67 | 19.56 | |
| 3 | 256QAM | 8 | 0 | 19.49 | 19.44 | 19.45 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.53 | 19.46 | 19.39 | |
| 3 | 256QAM | 8 | 7 | 19.42 | 19.37 | 19.53 | |
| 3 | 256QAM | 15 | 0 | 19.51 | 19.44 | 19.45 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 23.76 | 23.71 | 23.73 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.78 | 23.80 | 23.80 | |
| 1.4 | QPSK | 1 | 5 | 23.72 | 23.73 | 23.71 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.76 | 23.77 | |
| 1.4 | QPSK | 3 | 1 | 23.84 | 23.78 | 23.79 | |
| 1.4 | QPSK | 3 | 3 | 23.74 | 23.78 | 23.74 | |
| 1.4 | QPSK | 6 | 0 | 22.83 | 22.84 | 22.81 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.08 | 23.07 | 23.09 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.12 | 23.14 | 23.10 | |
| 1.4 | 16QAM | 1 | 5 | 23.06 | 23.05 | 23.03 | |
| 1.4 | 16QAM | 3 | 0 | 22.89 | 22.84 | 22.86 | |
| 1.4 | 16QAM | 3 | 1 | 22.94 | 22.86 | 22.89 | |
| 1.4 | 16QAM | 3 | 3 | 22.84 | 22.83 | 22.82 | |
| 1.4 | 16QAM | 6 | 0 | 21.88 | 21.90 | 21.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.01 | 21.98 | 21.99 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.06 | 22.09 | 22.03 | |
| 1.4 | 64QAM | 1 | 5 | 22.03 | 22.02 | 21.97 | |
| 1.4 | 64QAM | 3 | 0 | 21.98 | 21.94 | 21.98 | |
| 1.4 | 64QAM | 3 | 1 | 22.02 | 21.97 | 22.09 | |
| 1.4 | 64QAM | 3 | 3 | 21.94 | 21.95 | 21.95 | |
| 1.4 | 64QAM | 6 | 0 | 20.86 | 20.86 | 20.83 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.38 | 19.48 | 19.42 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.57 | 19.54 | 19.58 | |
| 1.4 | 256QAM | 1 | 5 | 19.58 | 19.67 | 19.56 | |
| 1.4 | 256QAM | 3 | 0 | 19.42 | 19.45 | 19.51 | |
| 1.4 | 256QAM | 3 | 1 | 19.56 | 19.41 | 19.35 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.44 | 19.52 | |
| 1.4 | 256QAM | 6 | 0 | 19.47 | 19.48 | 19.50 | 20.7 |

| Band 13_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23230 | | |
| Frequency (MHz) | | | | | 782 | | |
| 10 | QPSK | 1 | 0 | | 23.98 | | 25.2 |
| 10 | QPSK | 1 | 25 | | 24.02 | | |
| 10 | QPSK | 1 | 49 | | 24.10 | | |
| 10 | QPSK | 25 | 0 | | 23.16 | | 24.2 |
| 10 | QPSK | 25 | 12 | | 23.17 | | |
| 10 | QPSK | 25 | 25 | | 23.19 | | |
| 10 | QPSK | 50 | 0 | | 23.18 | | |
| 10 | 16QAM | 1 | 0 | | 23.38 | | 24.2 |
| 10 | 16QAM | 1 | 25 | | 23.37 | | |
| 10 | 16QAM | 1 | 49 | | 23.40 | | |
| 10 | 16QAM | 25 | 0 | | 22.17 | | 23.2 |
| 10 | 16QAM | 25 | 12 | | 22.20 | | |
| 10 | 16QAM | 25 | 25 | | 22.22 | | |
| 10 | 16QAM | 50 | 0 | | 22.19 | | |
| 10 | 64QAM | 1 | 0 | | 22.21 | | 23.2 |
| 10 | 64QAM | 1 | 25 | | 22.32 | | |
| 10 | 64QAM | 1 | 49 | | 22.34 | | |
| 10 | 64QAM | 25 | 0 | | 21.17 | | 22.2 |
| 10 | 64QAM | 25 | 12 | | 21.24 | | |
| 10 | 64QAM | 25 | 25 | | 21.23 | | |
| 10 | 64QAM | 50 | 0 | | 21.23 | | |
| 10 | 256QAM | 1 | 0 | | 18.61 | | 20.2 |
| 10 | 256QAM | 1 | 25 | | 18.97 | | |
| 10 | 256QAM | 1 | 49 | | 19.01 | | |
| 10 | 256QAM | 25 | 0 | | 18.78 | | 20.2 |
| 10 | 256QAM | 25 | 12 | | 18.86 | | |
| 10 | 256QAM | 25 | 25 | | 18.89 | | |
| 10 | 256QAM | 50 | 0 | | 18.84 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 23.93 | 23.98 | 23.74 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.04 | 24.07 | 23.77 | |
| 5 | QPSK | 1 | 24 | 24.07 | 24.08 | 23.83 | |
| 5 | QPSK | 12 | 0 | 23.10 | 23.13 | 22.85 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.16 | 23.15 | 22.93 | |
| 5 | QPSK | 12 | 13 | 23.19 | 23.21 | 22.89 | |
| 5 | QPSK | 25 | 0 | 23.18 | 23.14 | 22.99 | |
| 5 | 16QAM | 1 | 0 | 23.31 | 23.29 | 23.01 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.29 | 23.33 | 23.04 | |
| 5 | 16QAM | 1 | 24 | 23.37 | 23.36 | 23.04 | |
| 5 | 16QAM | 12 | 0 | 22.20 | 22.17 | 21.92 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.20 | 22.17 | 21.95 | |
| 5 | 16QAM | 12 | 13 | 22.21 | 22.23 | 21.94 | |
| 5 | 16QAM | 25 | 0 | 22.23 | 22.16 | 21.92 | |
| 5 | 64QAM | 1 | 0 | 22.19 | 22.26 | 21.94 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.25 | 22.29 | 22.01 | |
| 5 | 64QAM | 1 | 24 | 22.29 | 22.32 | 22.02 | |
| 5 | 64QAM | 12 | 0 | 21.22 | 21.23 | 20.96 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.26 | 21.21 | 20.98 | |
| 5 | 64QAM | 12 | 13 | 21.25 | 21.26 | 20.95 | |
| 5 | 64QAM | 25 | 0 | 21.26 | 21.17 | 20.96 | |
| 5 | 256QAM | 1 | 0 | 18.55 | 18.57 | 18.59 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.93 | 18.96 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.98 | 18.99 | 18.96 | |
| 5 | 256QAM | 12 | 0 | 18.77 | 18.69 | 18.74 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.83 | 18.76 | 18.79 | |
| 5 | 256QAM | 12 | 13 | 18.82 | 18.84 | 18.79 | |
| 5 | 256QAM | 25 | 0 | 18.77 | 18.77 | 18.74 | |

| Band 14_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23330 | | |
| Frequency (MHz) | | | | | 793 | | |
| 10 | QPSK | 1 | 0 | | 24.59 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 24.53 | | |
| 10 | QPSK | 1 | 49 | | 24.48 | | |
| 10 | QPSK | 25 | 0 | | 23.55 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 23.57 | | |
| 10 | QPSK | 25 | 25 | | 23.63 | | |
| 10 | QPSK | 50 | 0 | | 23.55 | | |
| 10 | 16QAM | 1 | 0 | | 23.96 | | 24.7 |
| 10 | 16QAM | 1 | 25 | | 23.91 | | |
| 10 | 16QAM | 1 | 49 | | 23.86 | | |
| 10 | 16QAM | 25 | 0 | | 22.54 | | 23.7 |
| 10 | 16QAM | 25 | 12 | | 22.57 | | |
| 10 | 16QAM | 25 | 25 | | 22.64 | | |
| 10 | 16QAM | 50 | 0 | | 22.55 | | |
| 10 | 64QAM | 1 | 0 | | 22.79 | | 23.7 |
| 10 | 64QAM | 1 | 25 | | 22.84 | | |
| 10 | 64QAM | 1 | 49 | | 22.79 | | |
| 10 | 64QAM | 25 | 0 | | 21.58 | | 22.7 |
| 10 | 64QAM | 25 | 12 | | 21.61 | | |
| 10 | 64QAM | 25 | 25 | | 21.63 | | |
| 10 | 64QAM | 50 | 0 | | 21.59 | | |
| 10 | 256QAM | 1 | 0 | | 19.53 | | 20.7 |
| 10 | 256QAM | 1 | 25 | | 19.37 | | |
| 10 | 256QAM | 1 | 49 | | 19.55 | | |
| 10 | 256QAM | 25 | 0 | | 19.29 | | 20.7 |
| 10 | 256QAM | 25 | 12 | | 19.34 | | |
| 10 | 256QAM | 25 | 25 | | 19.33 | | |
| 10 | 256QAM | 50 | 0 | | 19.25 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.48 | 24.45 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.56 | 24.53 | 24.58 | |
| 5 | QPSK | 1 | 24 | 24.55 | 24.55 | 24.48 | |
| 5 | QPSK | 12 | 0 | 23.62 | 23.54 | 23.51 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.66 | 23.66 | 23.60 | |
| 5 | QPSK | 12 | 13 | 23.61 | 23.60 | 23.56 | |
| 5 | QPSK | 25 | 0 | 23.59 | 23.54 | 23.52 | |
| 5 | 16QAM | 1 | 0 | 23.82 | 23.82 | 23.78 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.90 | 23.92 | 23.86 | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.88 | 23.79 | |
| 5 | 16QAM | 12 | 0 | 22.64 | 22.61 | 22.53 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.69 | 22.66 | |
| 5 | 16QAM | 12 | 13 | 22.60 | 22.63 | 22.58 | |
| 5 | 16QAM | 25 | 0 | 22.62 | 22.58 | 22.56 | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.77 | 22.77 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.83 | 22.85 | 22.84 | |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.82 | 22.80 | |
| 5 | 64QAM | 12 | 0 | 21.71 | 21.60 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.69 | 21.70 | 21.68 | |
| 5 | 64QAM | 12 | 13 | 21.63 | 21.66 | 21.61 | |
| 5 | 64QAM | 25 | 0 | 21.65 | 21.61 | 21.54 | |
| 5 | 256QAM | 1 | 0 | 19.47 | 19.49 | 19.53 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.31 | 19.33 | 19.28 | |
| 5 | 256QAM | 1 | 24 | 19.46 | 19.52 | 19.52 | |
| 5 | 256QAM | 12 | 0 | 19.19 | 19.27 | 19.27 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.28 | 19.26 | 19.34 | |
| 5 | 256QAM | 12 | 13 | 19.33 | 19.30 | 19.33 | |
| 5 | 256QAM | 25 | 0 | 19.21 | 19.19 | 19.15 | |

| Band 17_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 24.56 | 24.56 | 24.53 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.56 | 24.64 | 24.60 | |
| 10 | QPSK | 1 | 49 | 24.62 | 24.65 | 24.62 | |
| 10 | QPSK | 25 | 0 | 23.64 | 23.66 | 23.65 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.73 | 23.71 | |
| 10 | QPSK | 25 | 25 | 23.80 | 23.79 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.69 | 23.72 | 23.69 | |
| 10 | 16QAM | 1 | 0 | 23.90 | 23.92 | 23.91 | 24.7 |
| 10 | 16QAM | 1 | 25 | 24.01 | 24.01 | 24.00 | |
| 10 | 16QAM | 1 | 49 | 24.01 | 24.02 | 24.02 | |
| 10 | 16QAM | 25 | 0 | 22.65 | 22.64 | 22.64 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.78 | 22.71 | 22.71 | |
| 10 | 16QAM | 25 | 25 | 22.77 | 22.81 | 22.76 | |
| 10 | 16QAM | 50 | 0 | 22.69 | 22.70 | 22.67 | |
| 10 | 64QAM | 1 | 0 | 22.80 | 22.79 | 22.74 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.92 | 22.97 | 22.90 | |
| 10 | 64QAM | 1 | 49 | 22.52 | 22.58 | 22.63 | |
| 10 | 64QAM | 25 | 0 | 21.67 | 21.67 | 21.67 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.78 | 21.76 | |
| 10 | 64QAM | 25 | 25 | 21.80 | 21.82 | 21.82 | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.71 | 21.71 | |
| 10 | 256QAM | 1 | 0 | 19.44 | 19.37 | 19.33 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.50 | 19.48 | 19.51 | |
| 10 | 256QAM | 1 | 49 | 19.58 | 19.60 | 19.66 | |
| 10 | 256QAM | 25 | 0 | 19.46 | 19.44 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.56 | 19.52 | 19.43 | |
| 10 | 256QAM | 25 | 25 | 19.56 | 19.54 | 19.52 | |
| 10 | 256QAM | 50 | 0 | 19.45 | 19.48 | 19.45 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.57 | 24.56 | 24.55 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.60 | 24.61 | 24.63 | |
| 5 | QPSK | 1 | 24 | 24.64 | 24.61 | 24.64 | |
| 5 | QPSK | 12 | 0 | 23.67 | 23.69 | 23.66 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.78 | 23.74 | 23.69 | |
| 5 | QPSK | 12 | 13 | 23.77 | 23.76 | 23.73 | |
| 5 | QPSK | 25 | 0 | 23.75 | 23.75 | 23.65 | |
| 5 | 16QAM | 1 | 0 | 23.91 | 23.93 | 23.91 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.03 | 23.98 | |
| 5 | 16QAM | 1 | 24 | 24.06 | 24.04 | 24.01 | |
| 5 | 16QAM | 12 | 0 | 22.70 | 22.72 | 22.72 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.74 | 22.73 | |
| 5 | 16QAM | 12 | 13 | 22.78 | 22.77 | 22.74 | |
| 5 | 16QAM | 25 | 0 | 22.74 | 22.75 | 22.69 | |
| 5 | 64QAM | 1 | 0 | 22.89 | 22.87 | 22.88 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.90 | 22.96 | 22.90 | |
| 5 | 64QAM | 1 | 24 | 22.94 | 23.00 | 22.93 | |
| 5 | 64QAM | 12 | 0 | 21.73 | 21.77 | 21.78 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.81 | 21.79 | 21.73 | |
| 5 | 64QAM | 12 | 13 | 21.79 | 21.85 | 21.75 | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.74 | 21.70 | |
| 5 | 256QAM | 1 | 0 | 19.41 | 19.29 | 19.24 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.49 | 19.46 | 19.44 | |
| 5 | 256QAM | 1 | 24 | 19.48 | 19.59 | 19.60 | |
| 5 | 256QAM | 12 | 0 | 19.39 | 19.34 | 19.41 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.58 | 19.47 | 19.40 | |
| 5 | 256QAM | 12 | 13 | 19.53 | 19.54 | 19.52 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.41 | 19.45 | |

## Band 25_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 22.89 | 22.97 | 23.10 | |
| 20 | QPSK | 1 | 49 | 22.89 | 23.01 | 23.02 | 24 |
| 20 | QPSK | 1 | 99 | 22.96 | 23.13 | 23.14 | |
| 20 | QPSK | 50 | 0 | 22.97 | 23.11 | 23.20 | |
| 20 | QPSK | 50 | 24 | 23.12 | 23.19 | 23.20 | 24 |
| 20 | QPSK | 50 | 50 | 23.13 | 23.20 | 23.27 | |
| 20 | QPSK | 100 | 0 | 23.13 | 23.18 | 23.25 | |
| 20 | 16QAM | 1 | 0 | 23.27 | 23.25 | 23.34 | |
| 20 | 16QAM | 1 | 49 | 23.30 | 23.26 | 23.36 | 24 |
| 20 | 16QAM | 1 | 99 | 23.32 | 23.43 | 23.35 | |
| 20 | 16QAM | 50 | 0 | 22.73 | 22.77 | 22.87 | |
| 20 | 16QAM | 50 | 24 | 22.81 | 22.90 | 22.90 | 23.5 |
| 20 | 16QAM | 50 | 50 | 22.81 | 22.88 | 22.98 | |
| 20 | 16QAM | 100 | 0 | 22.82 | 22.85 | 22.87 | |
| 20 | 64QAM | 1 | 0 | 22.85 | 22.89 | 22.58 | |
| 20 | 64QAM | 1 | 49 | 22.83 | 22.86 | 22.16 | 23.5 |
| 20 | 64QAM | 1 | 99 | 22.91 | 23.04 | 21.91 | |
| 20 | 64QAM | 50 | 0 | 21.75 | 21.80 | 21.26 | |
| 20 | 64QAM | 50 | 24 | 21.84 | 21.94 | 21.50 | 22.5 |
| 20 | 64QAM | 50 | 50 | 21.83 | 21.90 | 21.45 | |
| 20 | 64QAM | 100 | 0 | 21.84 | 21.89 | 20.92 | |
| 20 | 256QAM | 1 | 0 | 19.63 | 19.40 | 19.80 | |
| 20 | 256QAM | 1 | 49 | 19.61 | 19.65 | 19.69 | 20.5 |
| 20 | 256QAM | 1 | 99 | 19.94 | 19.77 | 19.91 | |
| 20 | 256QAM | 50 | 0 | 19.53 | 19.57 | 19.61 | |
| 20 | 256QAM | 50 | 24 | 19.75 | 19.58 | 19.67 | 20.5 |
| 20 | 256QAM | 50 | 50 | 19.70 | 19.64 | 19.79 | |
| 20 | 256QAM | 100 | 0 | 19.58 | 19.65 | 19.75 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 22.86 | 22.96 | 23.10 | |
| 15 | QPSK | 1 | 37 | 22.84 | 22.95 | 22.92 | 24 |
| 15 | QPSK | 1 | 74 | 22.92 | 23.03 | 23.09 | |
| 15 | QPSK | 36 | 0 | 22.92 | 23.03 | 23.11 | |
| 15 | QPSK | 36 | 20 | 23.06 | 23.15 | 23.20 | 24 |
| 15 | QPSK | 36 | 39 | 23.05 | 23.15 | 23.21 | |
| 15 | QPSK | 75 | 0 | 23.03 | 23.12 | 23.22 | |
| 15 | 16QAM | 1 | 0 | 23.22 | 23.25 | 23.25 | |
| 15 | 16QAM | 1 | 37 | 23.25 | 23.26 | 23.26 | 24 |
| 15 | 16QAM | 1 | 74 | 23.30 | 23.40 | 23.30 | |
| 15 | 16QAM | 36 | 0 | 22.66 | 22.74 | 22.81 | |
| 15 | 16QAM | 36 | 20 | 22.76 | 22.86 | 22.84 | 23.5 |
| 15 | 16QAM | 36 | 39 | 22.80 | 22.78 | 22.91 | |
| 15 | 16QAM | 75 | 0 | 22.73 | 22.81 | 22.80 | |
| 15 | 64QAM | 1 | 0 | 22.77 | 22.88 | 22.57 | |
| 15 | 64QAM | 1 | 37 | 22.80 | 22.76 | 22.11 | 23.5 |
| 15 | 64QAM | 1 | 74 | 22.84 | 22.97 | 21.86 | |
| 15 | 64QAM | 36 | 0 | 21.75 | 21.75 | 21.17 | |
| 15 | 64QAM | 36 | 20 | 21.79 | 21.86 | 21.41 | 22.5 |
| 15 | 64QAM | 36 | 39 | 21.78 | 21.84 | 21.43 | |
| 15 | 64QAM | 75 | 0 | 21.83 | 21.82 | 20.88 | |
| 15 | 256QAM | 1 | 0 | 19.58 | 19.34 | 19.80 | |
| 15 | 256QAM | 1 | 37 | 19.52 | 19.63 | 19.63 | 20.5 |
| 15 | 256QAM | 1 | 74 | 19.88 | 19.67 | 19.86 | |
| 15 | 256QAM | 36 | 0 | 19.46 | 19.56 | 19.53 | |
| 15 | 256QAM | 36 | 20 | 19.73 | 19.52 | 19.67 | 20.5 |
| 15 | 256QAM | 36 | 39 | 19.60 | 19.55 | 19.75 | |
| 15 | 256QAM | 75 | 0 | 19.47 | 19.55 | 19.74 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 22.86 | 22.90 | 23.09 | |
| 10 | QPSK | 1 | 25 | 22.80 | 22.92 | 22.94 | 24 |
| 10 | QPSK | 1 | 49 | 22.90 | 23.03 | 23.06 | |
| 10 | QPSK | 25 | 0 | 22.94 | 23.10 | 23.14 | |
| 10 | QPSK | 25 | 12 | 23.09 | 23.13 | 23.11 | 24 |
| 10 | QPSK | 25 | 25 | 23.12 | 23.11 | 23.23 | |
| 10 | QPSK | 50 | 0 | 23.09 | 23.09 | 23.15 | |
| 10 | 16QAM | 1 | 0 | 23.17 | 23.22 | 23.29 | |
| 10 | 16QAM | 1 | 25 | 23.30 | 23.23 | 23.31 | 24 |
| 10 | 16QAM | 1 | 49 | 23.27 | 23.36 | 23.29 | |
| 10 | 16QAM | 25 | 0 | 22.71 | 22.67 | 22.86 | |
| 10 | 16QAM | 25 | 12 | 22.81 | 22.87 | 22.87 | 23.5 |
| 10 | 16QAM | 25 | 25 | 22.81 | 22.88 | 22.95 | |
| 10 | 16QAM | 50 | 0 | 22.79 | 22.83 | 22.83 | |
| 10 | 64QAM | 1 | 0 | 22.75 | 22.81 | 22.51 | |
| 10 | 64QAM | 1 | 25 | 22.82 | 22.85 | 22.15 | 23.5 |
| 10 | 64QAM | 1 | 49 | 22.82 | 22.96 | 21.89 | |
| 10 | 64QAM | 25 | 0 | 21.72 | 21.80 | 21.25 | |
| 10 | 64QAM | 25 | 12 | 21.80 | 21.94 | 21.45 | 22.5 |
| 10 | 64QAM | 25 | 25 | 21.77 | 21.85 | 21.38 | |
| 10 | 64QAM | 50 | 0 | 21.80 | 21.87 | 20.89 | |
| 10 | 256QAM | 1 | 0 | 19.62 | 19.35 | 19.78 | |
| 10 | 256QAM | 1 | 25 | 19.59 | 19.60 | 19.65 | 20.5 |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.75 | 19.85 | |
| 10 | 256QAM | 25 | 0 | 19.53 | 19.56 | 19.52 | |
| 10 | 256QAM | 25 | 12 | 19.70 | 19.46 | 19.67 | 20.5 |
| 10 | 256QAM | 25 | 25 | 19.63 | 19.60 | 19.73 | |
| 10 | 256QAM | 50 | 0 | 19.54 | 19.60 | 19.72 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 22.84 | 22.94 | 23.07 | |
| 5 | QPSK | 1 | 12 | 22.82 | 23.00 | 22.99 | 24 |
| 5 | QPSK | 1 | 24 | 22.68 | 23.06 | 23.09 | |
| 5 | QPSK | 12 | 0 | 22.91 | 23.04 | 23.12 | |
| 5 | QPSK | 12 | 7 | 23.05 | 23.18 | 23.18 | 24 |
| 5 | QPSK | 12 | 13 | 23.13 | 23.20 | 23.26 | |
| 5 | QPSK | 25 | 0 | 23.09 | 23.08 | 23.21 | |
| 5 | 16QAM | 1 | 0 | 23.22 | 23.19 | 23.27 | |
| 5 | 16QAM | 1 | 12 | 23.22 | 23.17 | 23.34 | 24 |
| 5 | 16QAM | 1 | 24 | 23.27 | 23.40 | 23.34 | |
| 5 | 16QAM | 12 | 0 | 22.66 | 22.70 | 22.79 | |
| 5 | 16QAM | 12 | 7 | 22.80 | 22.81 | 22.81 | 23.5 |
| 5 | 16QAM | 12 | 13 | 22.79 | 22.84 | 22.93 | |
| 5 | 16QAM | 25 | 0 | 22.76 | 22.79 | 22.84 | |
| 5 | 64QAM | 1 | 0 | 22.82 | 22.87 | 22.55 | |
| 5 | 64QAM | 1 | 12 | 22.75 | 22.82 | 22.16 | 23.5 |
| 5 | 64QAM | 1 | 24 | 22.87 | 22.95 | 21.87 | |
| 5 | 64QAM | 12 | 0 | 21.69 | 21.71 | 21.21 | |
| 5 | 64QAM | 12 | 7 | 21.75 | 21.88 | 21.42 | 22.5 |
| 5 | 64QAM | 12 | 13 | 21.75 | 21.84 | 21.43 | |
| 5 | 64QAM | 25 | 0 | 21.78 | 21.87 | 20.88 | |
| 5 | 256QAM | 1 | 0 | 19.60 | 19.36 | 19.76 | |
| 5 | 256QAM | 1 | 12 | 19.58 | 19.55 | 19.62 | 20.5 |
| 5 | 256QAM | 1 | 24 | 19.84 | 19.69 | 19.85 | |
| 5 | 256QAM | 12 | 0 | 19.50 | 19.52 | 19.56 | |
| 5 | 256QAM | 12 | 7 | 19.72 | 19.52 | 19.67 | 20.5 |
| 5 | 256QAM | 12 | 13 | 19.62 | 19.63 | 19.71 | |
| 5 | 256QAM | 25 | 0 | 19.55 | 19.61 | 19.71 | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 22.85 | 22.97 | 23.05 | |
| 3 | QPSK | 1 | 8 | 22.79 | 22.94 | 22.96 | 24 |
| 3 | QPSK | 1 | 14 | 22.86 | 23.05 | 23.14 | |
| 3 | QPSK | 8 | 0 | 22.93 | 23.03 | 23.20 | |
| 3 | QPSK | 8 | 4 | 23.08 | 23.09 | 23.12 | 24 |
| 3 | QPSK | 8 | 7 | 23.10 | 23.20 | 23.26 | |
| 3 | QPSK | 15 | 0 | 23.04 | 23.14 | 23.24 | |
| 3 | 16QAM | 1 | 0 | 23.17 | 23.17 | 23.28 | |
| 3 | 16QAM | 1 | 8 | 23.27 | 23.23 | 23.32 | 24 |
| 3 | 16QAM | 1 | 14 | 23.27 | 23.42 | 23.29 | |
| 3 | 16QAM | 8 | 0 | 22.69 | 22.74 | 22.80 | |
| 3 | 16QAM | 8 | 4 | 22.79 | 22.81 | 22.85 | 23.5 |
| 3 | 16QAM | 8 | 7 | 22.81 | 22.81 | 22.90 | |
| 3 | 16QAM | 15 | 0 | 22.73 | 22.75 | 22.77 | |
| 3 | 64QAM | 1 | 0 | 22.80 | 22.87 | 22.52 | |
| 3 | 64QAM | 1 | 8 | 22.77 | 22.81 | 22.10 | 23.5 |
| 3 | 64QAM | 1 | 14 | 22.90 | 23.00 | 21.87 | |
| 3 | 64QAM | 8 | 0 | 21.65 | 21.74 | 21.24 | |
| 3 | 64QAM | 8 | 4 | 21.76 | 21.92 | 21.40 | 22.5 |
| 3 | 64QAM | 8 | 7 | 21.76 | 21.85 | 21.49 | |
| 3 | 64QAM | 15 | 0 | 21.83 | 21.86 | 20.91 | |
| 3 | 256QAM | 1 | 0 | 19.62 | 19.33 | 19.80 | |
| 3 | 256QAM | 1 | 8 | 19.53 | 19.58 | 19.63 | 20.5 |
| 3 | 256QAM | 1 | 14 | 19.92 | 19.71 | 19.85 | |
| 3 | 256QAM | 8 | 0 | 19.43 | 19.48 | 19.57 | |
| 3 | 256QAM | 8 | 4 | 19.69 | 19.52 | 19.62 | 20.5 |
| 3 | 256QAM | 8 | 7 | 19.61 | 19.57 | 19.79 | |
| 3 | 256QAM | 15 | 0 | 19.50 | 19.62 | 19.70 | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 22.88 | 22.93 | 23.03 | |
| 1.4 | QPSK | 1 | 3 | 22.97 | 23.01 | 23.12 | |
| 1.4 | QPSK | 1 | 5 | 22.96 | 23.01 | 23.08 | 24 |
| 1.4 | QPSK | 3 | 0 | 22.91 | 22.96 | 23.06 | |
| 1.4 | QPSK | 3 | 1 | 22.95 | 23.01 | 23.10 | |
| 1.4 | QPSK | 3 | 3 | 22.94 | 23.05 | 23.11 | |
| 1.4 | QPSK | 6 | 0 | 22.99 | 23.11 | 23.12 | 24 |
| 1.4 | 16QAM | 1 | 0 | 23.07 | 23.09 | 23.23 | |
| 1.4 | 16QAM | 1 | 3 | 23.17 | 23.26 | 23.41 | |
| 1.4 | 16QAM | 1 | 5 | 23.09 | 23.21 | 23.34 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.99 | 23.08 | 23.12 | |
| 1.4 | 16QAM | 3 | 1 | 23.03 | 23.06 | 23.26 | |
| 1.4 | 16QAM | 3 | 3 | 23.03 | 23.10 | 23.22 | |
| 1.4 | 16QAM | 6 | 0 | 22.70 | 22.74 | 22.65 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 22.67 | 22.74 | 21.83 | |
| 1.4 | 64QAM | 1 | 3 | 22.85 | 22.91 | 21.85 | |
| 1.4 | 64QAM | 1 | 5 | 22.77 | 22.86 | 21.76 | 23.5 |
| 1.4 | 64QAM | 3 | 0 | 22.63 | 22.75 | 21.87 | |
| 1.4 | 64QAM | 3 | 1 | 22.75 | 22.84 | 21.93 | |
| 1.4 | 64QAM | 3 | 3 | 22.68 | 22.78 | 21.71 | |
| 1.4 | 64QAM | 6 | 0 | 21.69 | 21.75 | 20.96 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 19.52 | 19.29 | 19.70 | |
| 1.4 | 256QAM | 1 | 3 | 19.46 | 19.49 | 19.57 | |
| 1.4 | 256QAM | 1 | 5 | 19.90 | 19.67 | 19.82 | 20.5 |
| 1.4 | 256QAM | 3 | 0 | 19.35 | 19.39 | 19.52 | |
| 1.4 | 256QAM | 3 | 1 | 19.67 | 19.50 | 19.69 | |
| 1.4 | 256QAM | 3 | 3 | 19.56 | 19.48 | 19.78 | |
| 1.4 | 256QAM | 6 | 0 | 19.47 | 19.54 | 19.63 | 20.5 |

## Band 26_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26705 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 24.58 | 24.49 | 24.49 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.49 | 24.48 | 24.46 | |
| 15 | QPSK | 1 | 74 | 24.49 | 24.48 | 24.35 | |
| 15 | QPSK | 36 | 0 | 23.64 | 23.62 | 23.61 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.69 | 23.67 | 23.57 | |
| 15 | QPSK | 36 | 39 | 23.64 | 23.63 | 23.59 | |
| 15 | QPSK | 75 | 0 | 23.67 | 23.66 | 23.58 | |
| 15 | 16QAM | 1 | 0 | 23.88 | 23.77 | 23.80 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.79 | 23.78 | 23.78 | |
| 15 | 16QAM | 1 | 74 | 23.77 | 23.71 | 23.66 | |
| 15 | 16QAM | 36 | 0 | 22.63 | 22.62 | 22.59 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.65 | 22.65 | 22.55 | |
| 15 | 16QAM | 36 | 39 | 22.65 | 22.62 | 22.56 | |
| 15 | 16QAM | 75 | 0 | 22.68 | 22.65 | 22.61 | |
| 15 | 64QAM | 1 | 0 | 22.75 | 22.67 | 22.63 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.71 | 22.74 | 22.66 | |
| 15 | 64QAM | 1 | 74 | 22.72 | 22.68 | 22.03 | |
| 15 | 64QAM | 36 | 0 | 21.64 | 21.64 | 21.64 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.68 | 21.68 | 21.61 | |
| 15 | 64QAM | 36 | 39 | 21.67 | 21.64 | 21.63 | |
| 15 | 64QAM | 75 | 0 | 21.70 | 21.67 | 21.59 | |
| 15 | 256QAM | 1 | 0 | 19.49 | 19.43 | 19.44 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.45 | 19.37 | 19.46 | |
| 15 | 256QAM | 1 | 74 | 19.57 | 19.56 | 19.36 | |
| 15 | 256QAM | 36 | 0 | 19.39 | 19.40 | 19.38 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.42 | 19.45 | 19.38 | |
| 15 | 256QAM | 36 | 39 | 19.31 | 19.32 | 19.31 | |
| 15 | 256QAM | 75 | 0 | 19.41 | 19.43 | 19.34 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.54 | 24.52 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.53 | 24.52 | 24.49 | |
| 10 | QPSK | 1 | 49 | 24.53 | 24.54 | 24.42 | |
| 10 | QPSK | 25 | 0 | 23.68 | 23.57 | 23.57 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.68 | 23.59 | 23.56 | |
| 10 | QPSK | 25 | 25 | 23.63 | 23.59 | 23.57 | |
| 10 | QPSK | 50 | 0 | 23.65 | 23.65 | 23.54 | |
| 10 | 16QAM | 1 | 0 | 23.99 | 23.87 | 23.88 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.89 | 23.90 | 23.88 | |
| 10 | 16QAM | 1 | 49 | 23.93 | 23.94 | 23.75 | |
| 10 | 16QAM | 25 | 0 | 22.70 | 22.59 | 22.58 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.69 | 22.59 | 22.54 | |
| 10 | 16QAM | 25 | 25 | 22.60 | 22.63 | 22.55 | |
| 10 | 16QAM | 50 | 0 | 22.65 | 22.64 | 22.56 | |
| 10 | 64QAM | 1 | 0 | 22.92 | 22.78 | 22.74 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.80 | 22.80 | 22.78 | |
| 10 | 64QAM | 1 | 49 | 22.81 | 22.80 | 22.08 | |
| 10 | 64QAM | 25 | 0 | 21.51 | 21.60 | 21.62 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.70 | 21.63 | 21.62 | |
| 10 | 64QAM | 25 | 25 | 21.61 | 21.61 | 21.34 | |
| 10 | 64QAM | 50 | 0 | 21.51 | 21.67 | 21.55 | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.42 | 19.41 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.43 | 19.28 | 19.43 | |
| 10 | 256QAM | 1 | 49 | 19.47 | 19.49 | 19.28 | |
| 10 | 256QAM | 25 | 0 | 19.32 | 19.34 | 19.37 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.42 | 19.38 | |
| 10 | 256QAM | 25 | 25 | 19.29 | 19.25 | 19.24 | |
| 10 | 256QAM | 50 | 0 | 19.33 | 19.33 | 19.30 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.50 | 24.50 | 24.55 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.53 | 24.55 | 24.54 | |
| 5 | QPSK | 1 | 24 | 24.50 | 24.56 | 24.42 | |
| 5 | QPSK | 12 | 0 | 23.72 | 23.61 | 23.61 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.69 | 23.64 | 23.58 | |
| 5 | QPSK | 12 | 13 | 23.64 | 23.60 | 23.51 | |
| 5 | QPSK | 25 | 0 | 23.68 | 23.62 | 23.57 | |
| 5 | 16QAM | 1 | 0 | 24.01 | 23.91 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.96 | 23.96 | 23.78 | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.93 | 23.74 | |
| 5 | 16QAM | 12 | 0 | 22.78 | 22.63 | 22.64 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.73 | 22.68 | 22.59 | |
| 5 | 16QAM | 12 | 13 | 22.65 | 22.61 | 22.52 | |
| 5 | 16QAM | 25 | 0 | 22.69 | 22.62 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.84 | 22.81 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.72 | 22.84 | 22.34 | |
| 5 | 64QAM | 1 | 24 | 22.60 | 22.86 | 22.11 | |
| 5 | 64QAM | 12 | 0 | 21.55 | 21.67 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.67 | 21.71 | 21.21 | |
| 5 | 64QAM | 12 | 13 | 21.58 | 21.64 | 20.94 | |
| 5 | 64QAM | 25 | 0 | 21.52 | 21.68 | 21.22 | |
| 5 | 256QAM | 1 | 0 | 19.42 | 19.34 | 19.36 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.42 | 19.36 | 19.44 | |
| 5 | 256QAM | 1 | 24 | 19.48 | 19.48 | 19.27 | |
| 5 | 256QAM | 12 | 0 | 19.31 | 19.39 | 19.32 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.40 | 19.40 | 19.31 | |
| 5 | 256QAM | 12 | 13 | 19.28 | 19.28 | 19.30 | |
| 5 | 256QAM | 25 | 0 | 19.41 | 19.33 | 19.28 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.43 | 24.41 | 24.53 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.52 | 24.50 | 24.54 | |
| 3 | QPSK | 1 | 14 | 24.50 | 24.48 | 24.41 | |
| 3 | QPSK | 8 | 0 | 23.72 | 23.59 | 23.56 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.61 | 23.60 | 23.53 | |
| 3 | QPSK | 8 | 7 | 23.62 | 23.59 | 23.48 | |
| 3 | QPSK | 15 | 0 | 23.61 | 23.58 | 23.48 | |
| 3 | 16QAM | 1 | 0 | 23.93 | 23.87 | 23.87 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.90 | 23.89 | 23.74 | |
| 3 | 16QAM | 1 | 14 | 23.80 | 23.84 | 23.73 | |
| 3 | 16QAM | 8 | 0 | 22.74 | 22.57 | 22.54 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.65 | 22.65 | 22.54 | |
| 3 | 16QAM | 8 | 7 | 22.61 | 22.52 | 22.44 | |
| 3 | 16QAM | 15 | 0 | 22.68 | 22.61 | 22.57 | |
| 3 | 64QAM | 1 | 0 | 22.58 | 22.79 | 22.71 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.87 | 22.84 | 22.24 | |
| 3 | 64QAM | 1 | 14 | 22.59 | 22.86 | 22.11 | |
| 3 | 64QAM | 8 | 0 | 21.45 | 21.62 | 21.53 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.63 | 21.67 | 21.12 | |
| 3 | 64QAM | 8 | 7 | 21.54 | 21.64 | 20.90 | |
| 3 | 64QAM | 15 | 0 | 21.45 | 21.68 | 21.19 | |
| 3 | 256QAM | 1 | 0 | 19.47 | 19.43 | 19.39 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.40 | 19.29 | 19.46 | |
| 3 | 256QAM | 1 | 14 | 19.54 | 19.46 | 19.32 | |
| 3 | 256QAM | 8 | 0 | 19.30 | 19.35 | 19.33 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.41 | 19.37 | 19.29 | |
| 3 | 256QAM | 8 | 7 | 19.24 | 19.24 | 19.25 | |
| 3 | 256QAM | 15 | 0 | 19.34 | 19.42 | 19.25 | |
| Channel | | | | 26627 | 26865 | 27103 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 24.47 | 24.43 | 24.46 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.51 | 24.46 | 24.45 | |
| 1.4 | QPSK | 1 | 5 | 24.49 | 24.50 | 24.32 | |
| 1.4 | QPSK | 3 | 0 | 24.46 | 24.48 | 24.47 | |
| 1.4 | QPSK | 3 | 1 | 24.48 | 24.50 | 24.53 | |
| 1.4 | QPSK | 3 | 3 | 24.46 | 24.48 | 24.32 | |
| 1.4 | QPSK | 6 | 0 | 23.72 | 23.53 | 23.56 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.65 | 23.64 | 23.48 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.60 | 23.59 | 23.41 | |
| 1.4 | 16QAM | 1 | 5 | 23.58 | 23.60 | 23.54 | |
| 1.4 | 16QAM | 3 | 0 | 23.94 | 23.85 | 23.80 | |
| 1.4 | 16QAM | 3 | 1 | 23.87 | 23.88 | 23.77 | |
| 1.4 | 16QAM | 3 | 3 | 23.77 | 23.92 | 23.69 | |
| 1.4 | 16QAM | 6 | 0 | 22.77 | 22.61 | 22.60 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.66 | 22.84 | 22.59 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.55 | 22.61 | 22.43 | |
| 1.4 | 64QAM | 1 | 5 | 22.69 | 22.59 | 22.54 | |
| 1.4 | 64QAM | 3 | 0 | 22.51 | 22.75 | 22.79 | |
| 1.4 | 64QAM | 3 | 1 | 22.62 | 22.80 | 22.24 | |
| 1.4 | 64QAM | 3 | 3 | 22.60 | 22.86 | 22.09 | |
| 1.4 | 64QAM | 6 | 0 | 21.47 | 21.67 | 21.56 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.44 | 19.37 | 19.35 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.38 | 19.34 | 19.42 | |
| 1.4 | 256QAM | 1 | 5 | 19.55 | 19.49 | 19.28 | |
| 1.4 | 256QAM | 3 | 0 | 19.36 | 19.37 | 19.31 | |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.38 | 19.34 | |
| 1.4 | 256QAM | 3 | 3 | 19.21 | 19.27 | 19.28 | |
| 1.4 | 256QAM | 6 | 0 | 19.33 | 19.33 | 19.30 | 20.7 |

| Band 30_Ant 2 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 27710 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | QPSK | 1 | 0 | | 23.15 | | 24.2 |
| 10 | QPSK | 1 | 25 | | 23.09 | | |
| 10 | QPSK | 1 | 49 | | 23.02 | | |
| 10 | QPSK | 25 | 0 | | 22.08 | | 23.2 |
| 10 | QPSK | 25 | 12 | | 22.16 | | |
| 10 | QPSK | 25 | 25 | | 22.18 | | |
| 10 | QPSK | 50 | 0 | | 22.14 | | |
| 10 | 16QAM | 1 | 0 | | 22.44 | | 23.2 |
| 10 | 16QAM | 1 | 25 | | 22.48 | | |
| 10 | 16QAM | 1 | 49 | | 22.41 | | |
| 10 | 16QAM | 25 | 0 | | 21.08 | | 22.2 |
| 10 | 16QAM | 25 | 12 | | 21.14 | | |
| 10 | 16QAM | 25 | 25 | | 21.17 | | |
| 10 | 16QAM | 50 | 0 | | 21.14 | | |
| 10 | 64QAM | 1 | 0 | | 21.29 | | 22.2 |
| 10 | 64QAM | 1 | 25 | | 21.39 | | |
| 10 | 64QAM | 1 | 49 | | 21.27 | | |
| 10 | 64QAM | 25 | 0 | | 20.12 | | 21.2 |
| 10 | 64QAM | 25 | 12 | | 20.20 | | |
| 10 | 64QAM | 25 | 25 | | 20.20 | | |
| 10 | 64QAM | 50 | 0 | | 20.16 | | |
| 10 | 256QAM | 1 | 0 | | 18.80 | | 19.2 |
| 10 | 256QAM | 1 | 25 | | 18.94 | | |
| 10 | 256QAM | 1 | 49 | | 18.91 | | |
| 10 | 256QAM | 25 | 0 | | 18.78 | | 19.2 |
| 10 | 256QAM | 25 | 12 | | 18.73 | | |
| 10 | 256QAM | 25 | 25 | | 18.75 | | |
| 10 | 256QAM | 50 | 0 | | 18.77 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 22.97 | 23.01 | 23.05 | 24.2 |
| 5 | QPSK | 1 | 12 | 23.14 | 23.14 | 23.12 | |
| 5 | QPSK | 1 | 24 | 23.13 | 23.13 | 23.06 | |
| 5 | QPSK | 12 | 0 | 22.10 | 22.12 | 22.16 | 23.2 |
| 5 | QPSK | 12 | 7 | 22.23 | 22.17 | 22.21 | |
| 5 | QPSK | 12 | 13 | 22.22 | 22.17 | 22.19 | |
| 5 | QPSK | 25 | 0 | 22.18 | 22.14 | 22.19 | |
| 5 | 16QAM | 1 | 0 | 22.32 | 22.34 | 22.39 | 23.2 |
| 5 | 16QAM | 1 | 12 | 22.42 | 22.40 | 22.38 | |
| 5 | 16QAM | 1 | 24 | 22.44 | 22.40 | 22.36 | |
| 5 | 16QAM | 12 | 0 | 21.15 | 21.14 | 21.19 | 22.2 |
| 5 | 16QAM | 12 | 7 | 21.24 | 21.20 | 21.22 | |
| 5 | 16QAM | 12 | 13 | 21.25 | 21.18 | 21.22 | |
| 5 | 16QAM | 25 | 0 | 21.21 | 21.16 | 21.20 | |
| 5 | 64QAM | 1 | 0 | 21.28 | 21.32 | 21.34 | 22.2 |
| 5 | 64QAM | 1 | 12 | 21.32 | 21.36 | 21.33 | |
| 5 | 64QAM | 1 | 24 | 21.38 | 21.36 | 21.31 | |
| 5 | 64QAM | 12 | 0 | 20.17 | 20.21 | 20.29 | 21.2 |
| 5 | 64QAM | 12 | 7 | 20.29 | 20.23 | 20.28 | |
| 5 | 64QAM | 12 | 13 | 20.30 | 20.25 | 20.24 | |
| 5 | 64QAM | 25 | 0 | 20.25 | 20.17 | 20.20 | |
| 5 | 256QAM | 1 | 0 | 18.75 | 18.79 | 18.77 | 19.2 |
| 5 | 256QAM | 1 | 12 | 18.87 | 18.90 | 18.85 | |
| 5 | 256QAM | 1 | 24 | 18.90 | 18.83 | 18.87 | |
| 5 | 256QAM | 12 | 0 | 18.76 | 18.69 | 18.69 | 19.2 |
| 5 | 256QAM | 12 | 7 | 18.63 | 18.72 | 18.64 | |
| 5 | 256QAM | 12 | 13 | 18.65 | 18.75 | 18.71 | |
| 5 | 256QAM | 25 | 0 | 18.75 | 18.72 | 18.70 | |

## Band 66_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 23.39 | 23.46 | 23.55 | |
| 20 | QPSK | 1 | 49 | 23.35 | 23.57 | 23.40 | 24 |
| 20 | QPSK | 1 | 99 | 23.58 | 23.60 | 23.15 | |
| 20 | QPSK | 50 | 0 | 22.76 | 22.70 | 22.70 | |
| 20 | QPSK | 50 | 24 | 22.81 | 22.81 | 22.75 | 24 |
| 20 | QPSK | 50 | 50 | 22.82 | 22.87 | 22.76 | |
| 20 | QPSK | 100 | 0 | 22.81 | 22.82 | 22.71 | |
| 20 | 16QAM | 1 | 0 | 23.34 | 23.35 | 23.40 | |
| 20 | 16QAM | 1 | 49 | 23.36 | 23.44 | 23.10 | 24 |
| 20 | 16QAM | 1 | 99 | 23.47 | 23.44 | 23.26 | |
| 20 | 16QAM | 50 | 0 | 22.71 | 22.76 | 22.68 | |
| 20 | 16QAM | 50 | 24 | 22.88 | 22.77 | 22.72 | 23.7 |
| 20 | 16QAM | 50 | 50 | 22.86 | 22.84 | 22.69 | |
| 20 | 16QAM | 100 | 0 | 22.88 | 22.77 | 22.75 | |
| 20 | 64QAM | 1 | 0 | 22.61 | 22.77 | 22.74 | |
| 20 | 64QAM | 1 | 49 | 22.81 | 22.84 | 22.39 | 23.7 |
| 20 | 64QAM | 1 | 99 | 22.89 | 22.89 | 22.38 | |
| 20 | 64QAM | 50 | 0 | 21.76 | 21.74 | 21.54 | |
| 20 | 64QAM | 50 | 24 | 21.93 | 21.78 | 21.46 | 22.7 |
| 20 | 64QAM | 50 | 50 | 21.92 | 21.90 | 21.69 | |
| 20 | 64QAM | 100 | 0 | 21.83 | 21.85 | 21.66 | |
| 20 | 256QAM | 1 | 0 | 19.71 | 19.68 | 19.66 | |
| 20 | 256QAM | 1 | 49 | 19.59 | 19.91 | 19.67 | 20.7 |
| 20 | 256QAM | 1 | 99 | 19.91 | 19.88 | 19.77 | |
| 20 | 256QAM | 50 | 0 | 19.49 | 19.65 | 19.63 | |
| 20 | 256QAM | 50 | 24 | 19.74 | 19.66 | 19.67 | 20.7 |
| 20 | 256QAM | 50 | 50 | 19.67 | 19.62 | 19.54 | |
| 20 | 256QAM | 100 | 0 | 19.69 | 19.69 | 19.62 | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.36 | 23.44 | 23.54 | |
| 15 | QPSK | 1 | 37 | 23.29 | 23.55 | 23.36 | 24 |
| 15 | QPSK | 1 | 74 | 23.50 | 23.52 | 23.07 | |
| 15 | QPSK | 36 | 0 | 22.66 | 22.60 | 22.59 | |
| 15 | QPSK | 36 | 20 | 22.81 | 22.71 | 22.80 | 24 |
| 15 | QPSK | 36 | 39 | 22.77 | 22.84 | 22.68 | |
| 15 | QPSK | 75 | 0 | 22.81 | 22.72 | 22.69 | |
| 15 | 16QAM | 1 | 0 | 23.34 | 23.31 | 23.33 | |
| 15 | 16QAM | 1 | 37 | 23.26 | 23.40 | 23.01 | 24 |
| 15 | 16QAM | 1 | 74 | 23.44 | 23.43 | 23.23 | |
| 15 | 16QAM | 36 | 0 | 22.68 | 22.68 | 22.64 | |
| 15 | 16QAM | 36 | 20 | 22.85 | 22.75 | 22.67 | 23.7 |
| 15 | 16QAM | 36 | 39 | 22.84 | 22.84 | 22.67 | |
| 15 | 16QAM | 75 | 0 | 22.87 | 22.70 | 22.71 | |
| 15 | 64QAM | 1 | 0 | 22.57 | 22.75 | 22.73 | |
| 15 | 64QAM | 1 | 37 | 22.81 | 22.77 | 22.35 | 23.7 |
| 15 | 64QAM | 1 | 74 | 22.62 | 22.86 | 22.34 | |
| 15 | 64QAM | 36 | 0 | 21.73 | 21.64 | 21.54 | |
| 15 | 64QAM | 36 | 20 | 21.89 | 21.70 | 21.43 | 22.7 |
| 15 | 64QAM | 36 | 39 | 21.84 | 21.82 | 21.69 | |
| 15 | 64QAM | 75 | 0 | 21.83 | 21.82 | 21.56 | |
| 15 | 256QAM | 1 | 0 | 19.63 | 19.60 | 19.66 | |
| 15 | 256QAM | 1 | 37 | 19.55 | 19.86 | 19.67 | 20.7 |
| 15 | 256QAM | 1 | 74 | 19.87 | 19.88 | 19.72 | |
| 15 | 256QAM | 36 | 0 | 19.43 | 19.59 | 19.54 | |
| 15 | 256QAM | 36 | 20 | 19.73 | 19.60 | 19.64 | 20.7 |
| 15 | 256QAM | 36 | 39 | 19.67 | 19.59 | 19.52 | |
| 15 | 256QAM | 75 | 0 | 19.62 | 19.65 | 19.58 | |
| Channel | | | | 132052 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.37 | 23.44 | 23.53 | |
| 10 | QPSK | 1 | 25 | 23.33 | 23.49 | 23.38 | 24 |
| 10 | QPSK | 1 | 49 | 23.50 | 23.54 | 23.15 | |
| 10 | QPSK | 25 | 0 | 22.69 | 22.63 | 22.52 | |
| 10 | QPSK | 25 | 12 | 22.79 | 22.77 | 22.71 | 24 |
| 10 | QPSK | 25 | 25 | 22.71 | 22.80 | 22.67 | |
| 10 | QPSK | 50 | 0 | 22.83 | 22.76 | 22.66 | |
| 10 | 16QAM | 1 | 0 | 23.33 | 23.29 | 23.38 | |
| 10 | 16QAM | 1 | 25 | 23.26 | 23.40 | 23.04 | 24 |
| 10 | 16QAM | 1 | 49 | 23.44 | 23.39 | 23.26 | |
| 10 | 16QAM | 25 | 0 | 22.64 | 22.73 | 22.64 | |
| 10 | 16QAM | 25 | 12 | 22.78 | 22.77 | 22.62 | 23.7 |
| 10 | 16QAM | 25 | 25 | 22.79 | 22.80 | 22.59 | |
| 10 | 16QAM | 50 | 0 | 22.78 | 22.76 | 22.73 | |
| 10 | 64QAM | 1 | 0 | 22.57 | 22.71 | 22.73 | |
| 10 | 64QAM | 1 | 25 | 22.71 | 22.79 | 22.33 | 23.7 |
| 10 | 64QAM | 1 | 49 | 22.87 | 22.85 | 22.37 | |
| 10 | 64QAM | 25 | 0 | 21.70 | 21.71 | 21.46 | |
| 10 | 64QAM | 25 | 12 | 21.83 | 21.68 | 21.38 | 22.7 |
| 10 | 64QAM | 25 | 25 | 21.82 | 21.81 | 21.61 | |
| 10 | 64QAM | 50 | 0 | 21.81 | 21.78 | 21.61 | |
| 10 | 256QAM | 1 | 0 | 19.66 | 19.62 | 19.58 | |
| 10 | 256QAM | 1 | 25 | 19.56 | 19.89 | 19.67 | 20.7 |
| 10 | 256QAM | 1 | 49 | 19.91 | 19.85 | 19.69 | |
| 10 | 256QAM | 25 | 0 | 19.45 | 19.60 | 19.61 | |
| 10 | 256QAM | 25 | 12 | 19.67 | 19.66 | 19.57 | 20.7 |
| 10 | 256QAM | 25 | 25 | 19.60 | 19.56 | 19.47 | |
| 10 | 256QAM | 50 | 0 | 19.63 | 19.59 | 19.60 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.30 | 23.46 | 23.54 | |
| 5 | QPSK | 1 | 12 | 23.33 | 23.54 | 23.39 | 24 |
| 5 | QPSK | 1 | 24 | 23.51 | 23.58 | 23.15 | |
| 5 | QPSK | 12 | 0 | 22.67 | 22.65 | 22.55 | |
| 5 | QPSK | 12 | 7 | 22.83 | 22.71 | 22.81 | 24 |
| 5 | QPSK | 12 | 13 | 22.80 | 22.81 | 22.70 | |
| 5 | QPSK | 25 | 0 | 22.74 | 22.69 | 22.63 | |
| 5 | 16QAM | 1 | 0 | 23.24 | 23.27 | 23.37 | |
| 5 | 16QAM | 1 | 12 | 23.34 | 23.40 | 23.06 | 24 |
| 5 | 16QAM | 1 | 24 | 23.38 | 23.35 | 23.21 | |
| 5 | 16QAM | 12 | 0 | 22.68 | 22.69 | 22.60 | |
| 5 | 16QAM | 12 | 7 | 22.84 | 22.77 | 22.71 | 23.7 |
| 5 | 16QAM | 12 | 13 | 22.85 | 22.78 | 22.67 | |
| 5 | 16QAM | 25 | 0 | 22.83 | 22.70 | 22.75 | |
| 5 | 64QAM | 1 | 0 | 22.54 | 22.75 | 22.66 | |
| 5 | 64QAM | 1 | 12 | 22.76 | 22.76 | 22.30 | 23.7 |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.82 | 22.38 | |
| 5 | 64QAM | 12 | 0 | 21.66 | 21.65 | 21.54 | |
| 5 | 64QAM | 12 | 7 | 21.84 | 21.71 | 21.36 | 22.7 |
| 5 | 64QAM | 12 | 13 | 21.88 | 21.81 | 21.60 | |
| 5 | 64QAM | 25 | 0 | 21.78 | 21.80 | 21.61 | |
| 5 | 256QAM | 1 | 0 | 19.63 | 19.68 | 19.61 | |
| 5 | 256QAM | 1 | 12 | 19.49 | 19.88 | 19.63 | 20.7 |
| 5 | 256QAM | 1 | 24 | 19.89 | 19.85 | 19.68 | |
| 5 | 256QAM | 12 | 0 | 19.44 | 19.55 | 19.63 | |
| 5 | 256QAM | 12 | 7 | 19.74 | 19.62 | 19.63 | 20.7 |
| 5 | 256QAM | 12 | 13 | 19.67 | 19.62 | 19.50 | |
| 5 | 256QAM | 25 | 0 | 19.67 | 19.64 | 19.56 | |
| Channel | | | | 131967 | 132322 | 132677 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.38 | 23.42 | 23.49 | |
| 3 | QPSK | 1 | 8 | 23.26 | 23.49 | 23.37 | 24 |
| 3 | QPSK | 1 | 14 | 23.53 | 23.56 | 23.12 | |
| 3 | QPSK | 8 | 0 | 22.70 | 22.64 | 22.56 | |
| 3 | QPSK | 8 | 4 | 22.75 | 22.75 | 22.71 | 24 |
| 3 | QPSK | 8 | 7 | 22.80 | 22.80 | 22.69 | |
| 3 | QPSK | 15 | 0 | 22.77 | 22.78 | 22.66 | |
| 3 | 16QAM | 1 | 0 | 23.27 | 23.27 | 23.32 | |
| 3 | 16QAM | 1 | 8 | 23.26 | 23.42 | 23.03 | 24 |
| 3 | 16QAM | 1 | 14 | 23.38 | 23.44 | 23.24 | |
| 3 | 16QAM | 8 | 0 | 22.71 | 22.74 | 22.62 | |
| 3 | 16QAM | 8 | 4 | 22.79 | 22.73 | 22.66 | 23.7 |
| 3 | 16QAM | 8 | 7 | 22.80 | 22.79 | 22.68 | |
| 3 | 16QAM | 15 | 0 | 22.85 | 22.72 | 22.74 | |
| 3 | 64QAM | 1 | 0 | 22.58 | 22.77 | 22.64 | |
| 3 | 64QAM | 1 | 8 | 22.78 | 22.76 | 22.39 | 23.7 |
| 3 | 64QAM | 1 | 14 | 22.81 | 22.83 | 22.38 | |
| 3 | 64QAM | 8 | 0 | 21.75 | 21.69 | 21.46 | |
| 3 | 64QAM | 8 | 4 | 21.90 | 21.76 | 21.41 | 22.7 |
| 3 | 64QAM | 8 | 7 | 21.87 | 21.87 | 21.69 | |
| 3 | 64QAM | 15 | 0 | 21.80 | 21.78 | 21.58 | |
| 3 | 256QAM | 1 | 0 | 19.67 | 19.59 | 19.61 | |
| 3 | 256QAM | 1 | 8 | 19.50 | 19.89 | 19.65 | 20.7 |
| 3 | 256QAM | 1 | 14 | 19.82 | 19.78 | 19.75 | |
| 3 | 256QAM | 8 | 0 | 19.47 | 19.55 | 19.55 | |
| 3 | 256QAM | 8 | 4 | 19.74 | 19.56 | 19.61 | 20.7 |
| 3 | 256QAM | 8 | 7 | 19.61 | 19.62 | 19.49 | |
| 3 | 256QAM | 15 | 0 | 19.62 | 19.65 | 19.59 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.11 | 23.15 | 23.03 | |
| 1.4 | QPSK | 1 | 3 | 23.18 | 23.25 | 23.14 | |
| 1.4 | QPSK | 1 | 5 | 23.14 | 23.19 | 23.04 | 24 |
| 1.4 | QPSK | 3 | 0 | 23.18 | 23.20 | 23.11 | |
| 1.4 | QPSK | 3 | 1 | 23.24 | 23.29 | 23.16 | |
| 1.4 | QPSK | 3 | 3 | 23.23 | 23.23 | 23.08 | |
| 1.4 | QPSK | 6 | 0 | 23.26 | 23.29 | 23.18 | 24 |
| 1.4 | 16QAM | 1 | 0 | 23.39 | 23.44 | 23.29 | |
| 1.4 | 16QAM | 1 | 3 | 23.46 | 23.50 | 23.35 | |
| 1.4 | 16QAM | 1 | 5 | 23.43 | 23.39 | 23.32 | 24 |
| 1.4 | 16QAM | 3 | 0 | 23.25 | 23.25 | 23.21 | |
| 1.4 | 16QAM | 3 | 1 | 23.36 | 23.44 | 23.19 | |
| 1.4 | 16QAM | 3 | 3 | 23.18 | 23.36 | 23.21 | |
| 1.4 | 16QAM | 6 | 0 | 22.74 | 22.85 | 22.69 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.73 | 22.78 | 22.70 | |
| 1.4 | 64QAM | 1 | 3 | 22.90 | 22.92 | 22.78 | |
| 1.4 | 64QAM | 1 | 5 | 22.76 | 22.83 | 22.71 | 23.7 |
| 1.4 | 64QAM | 3 | 0 | 22.73 | 22.85 | 22.68 | |
| 1.4 | 64QAM | 3 | 1 | 22.80 | 22.94 | 22.71 | |
| 1.4 | 64QAM | 3 | 3 | 22.77 | 22.77 | 22.65 | |
| 1.4 | 64QAM | 6 | 0 | 21.72 | 21.76 | 21.66 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.63 | 19.58 | 19.51 | |
| 1.4 | 256QAM | 1 | 3 | 19.49 | 19.85 | 19.60 | |
| 1.4 | 256QAM | 1 | 5 | 19.77 | 19.71 | 19.69 | 20.7 |
| 1.4 | 256QAM | 3 | 0 | 19.38 | 19.46 | 19.53 | |
| 1.4 | 256QAM | 3 | 1 | 19.64 | 19.48 | 19.58 | |
| 1.4 | 256QAM | 3 | 3 | 19.54 | 19.52 | 19.40 | |
| 1.4 | 256QAM | 6 | 0 | 19.54 | 19.62 | 19.59 | 20.7 |

## Band 71_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 133222 | 133322 | 133372 | |
| Frequency (MHz) | | | | 673 | 683 | 688 | |
| 20 | QPSK | 1 | 0 | 24.65 | 24.57 | 24.52 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.58 | 24.53 | 24.51 | |
| 20 | QPSK | 1 | 99 | 24.51 | 24.53 | 24.50 | |
| 20 | QPSK | 50 | 0 | 23.69 | 23.66 | 23.58 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.71 | 23.61 | 23.61 | |
| 20 | QPSK | 50 | 50 | 23.70 | 23.64 | 23.63 | |
| 20 | QPSK | 100 | 0 | 23.70 | 23.60 | 23.58 | |
| 20 | 16QAM | 1 | 0 | 24.02 | 23.92 | 23.82 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.92 | 23.89 | 23.85 | |
| 20 | 16QAM | 1 | 99 | 23.89 | 23.86 | 23.85 | |
| 20 | 16QAM | 50 | 0 | 22.70 | 22.66 | 22.57 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.73 | 22.63 | 22.61 | |
| 20 | 16QAM | 50 | 50 | 22.70 | 22.66 | 22.64 | |
| 20 | 16QAM | 100 | 0 | 22.70 | 22.62 | 22.59 | |
| 20 | 64QAM | 1 | 0 | 22.82 | 22.75 | 22.74 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.81 | 22.69 | 22.71 | |
| 20 | 64QAM | 1 | 99 | 22.78 | 22.77 | 22.76 | |
| 20 | 64QAM | 50 | 0 | 21.58 | 21.67 | 21.61 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.73 | 21.65 | 21.65 | |
| 20 | 64QAM | 50 | 50 | 21.71 | 21.66 | 21.65 | |
| 20 | 64QAM | 100 | 0 | 21.74 | 21.62 | 21.62 | |
| 20 | 256QAM | 1 | 0 | 19.58 | 19.60 | 19.37 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.41 | 19.36 | 19.39 | |
| 20 | 256QAM | 1 | 99 | 19.45 | 19.55 | 19.55 | |
| 20 | 256QAM | 50 | 0 | 19.41 | 19.47 | 19.44 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.38 | 19.44 | 19.38 | |
| 20 | 256QAM | 50 | 50 | 19.40 | 19.36 | 19.29 | |
| 20 | 256QAM | 100 | 0 | 19.43 | 19.43 | 19.32 | |
| Channel | | | | 133197 | 133297 | 133397 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 24.64 | 24.57 | 24.53 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.50 | 24.53 | 24.52 | |
| 15 | QPSK | 1 | 74 | 24.53 | 24.58 | 24.53 | |
| 15 | QPSK | 36 | 0 | 23.68 | 23.64 | 23.60 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.71 | 23.69 | 23.69 | |
| 15 | QPSK | 36 | 39 | 23.64 | 23.63 | 23.61 | |
| 15 | QPSK | 75 | 0 | 23.72 | 23.69 | 23.69 | |
| 15 | 16QAM | 1 | 0 | 24.01 | 23.93 | 23.84 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.84 | 23.90 | 23.88 | |
| 15 | 16QAM | 1 | 74 | 23.82 | 23.92 | 23.84 | |
| 15 | 16QAM | 36 | 0 | 22.68 | 22.64 | 22.62 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.71 | 22.69 | 22.68 | |
| 15 | 16QAM | 36 | 39 | 22.64 | 22.62 | 22.63 | |
| 15 | 16QAM | 75 | 0 | 22.73 | 22.69 | 22.67 | |
| 15 | 64QAM | 1 | 0 | 22.47 | 22.79 | 22.75 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.63 | 22.78 | 22.78 | |
| 15 | 64QAM | 1 | 74 | 22.75 | 22.83 | 22.77 | |
| 15 | 64QAM | 36 | 0 | 21.48 | 21.69 | 21.63 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.52 | 21.71 | 21.71 | |
| 15 | 64QAM | 36 | 39 | 21.66 | 21.65 | 21.66 | |
| 15 | 64QAM | 75 | 0 | 21.70 | 21.70 | 21.68 | |
| 15 | 256QAM | 1 | 0 | 19.49 | 19.52 | 19.27 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.33 | 19.28 | 19.32 | |
| 15 | 256QAM | 1 | 74 | 19.40 | 19.51 | 19.52 | |
| 15 | 256QAM | 36 | 0 | 19.35 | 19.41 | 19.37 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.32 | 19.43 | 19.30 | |
| 15 | 256QAM | 36 | 39 | 19.30 | 19.36 | 19.25 | |
| 15 | 256QAM | 75 | 0 | 19.38 | 19.38 | 19.31 | |
| Channel | | | | 133172 | 133272 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 678 | 693 | |
| 10 | QPSK | 1 | 0 | 24.62 | 24.57 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.55 | 24.45 | 24.50 | |
| 10 | QPSK | 1 | 49 | 24.52 | 24.51 | 24.45 | |
| 10 | QPSK | 25 | 0 | 23.72 | 23.58 | 23.53 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.71 | 23.58 | 23.59 | |
| 10 | QPSK | 25 | 25 | 23.66 | 23.62 | 23.61 | |
| 10 | QPSK | 50 | 0 | 23.71 | 23.65 | 23.56 | |
| 10 | 16QAM | 1 | 0 | 24.05 | 23.91 | 23.84 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.93 | 23.86 | 23.89 | |
| 10 | 16QAM | 1 | 49 | 23.68 | 23.90 | 23.83 | |
| 10 | 16QAM | 25 | 0 | 22.72 | 22.55 | 22.54 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.71 | 22.57 | 22.54 | |
| 10 | 16QAM | 25 | 25 | 22.64 | 22.60 | 22.61 | |
| 10 | 16QAM | 50 | 0 | 22.71 | 22.63 | 22.54 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.78 | 22.73 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.58 | 22.79 | 22.80 | |
| 10 | 64QAM | 1 | 49 | 22.66 | 22.81 | 22.71 | |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.59 | 21.60 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.60 | 21.62 | |
| 10 | 64QAM | 25 | 25 | 21.28 | 21.65 | 21.64 | |
| 10 | 64QAM | 50 | 0 | 21.41 | 21.66 | 21.57 | |
| 10 | 256QAM | 1 | 0 | 19.55 | 19.57 | 19.36 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.38 | 19.28 | 19.34 | |
| 10 | 256QAM | 1 | 49 | 19.37 | 19.45 | 19.55 | |
| 10 | 256QAM | 25 | 0 | 19.34 | 19.42 | 19.37 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.32 | 19.35 | 19.32 | |
| 10 | 256QAM | 25 | 25 | 19.40 | 19.28 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.36 | 19.33 | 19.22 | |
| Channel | | | | 133147 | 133247 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 675.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 24.60 | 24.57 | 24.58 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.61 | 24.54 | 24.56 | |
| 5 | QPSK | 1 | 24 | 24.56 | 24.54 | 24.47 | |
| 5 | QPSK | 12 | 0 | 23.79 | 23.63 | 23.64 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.73 | 23.64 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.66 | 23.60 | 23.61 | |
| 5 | QPSK | 25 | 0 | 23.70 | 23.64 | 23.59 | |
| 5 | 16QAM | 1 | 0 | 24.02 | 23.92 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.95 | 23.90 | 23.88 | |
| 5 | 16QAM | 1 | 24 | 23.89 | 23.86 | 23.83 | |
| 5 | 16QAM | 12 | 0 | 22.82 | 22.66 | 22.68 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.68 | 22.70 | |
| 5 | 16QAM | 12 | 13 | 22.69 | 22.61 | 22.61 | |
| 5 | 16QAM | 25 | 0 | 22.73 | 22.65 | 22.62 | |
| 5 | 64QAM | 1 | 0 | 22.23 | 22.90 | 22.79 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.48 | 22.85 | 22.81 | |
| 5 | 64QAM | 1 | 24 | 22.47 | 22.83 | 22.78 | |
| 5 | 64QAM | 12 | 0 | 21.34 | 21.70 | 21.71 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.49 | 21.70 | 21.73 | |
| 5 | 64QAM | 12 | 13 | 21.38 | 21.64 | 21.65 | |
| 5 | 64QAM | 25 | 0 | 21.31 | 21.67 | 21.62 | |
| 5 | 256QAM | 1 | 0 | 19.55 | 19.52 | 19.31 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.37 | 19.28 | 19.38 | |
| 5 | 256QAM | 1 | 24 | 19.36 | 19.47 | 19.55 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.45 | 19.34 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.39 | 19.32 | |
| 5 | 256QAM | 12 | 13 | 19.36 | 19.36 | 19.20 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.35 | 19.31 | |

## Band 2_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 23.16 | 23.31 | 23.40 | 25.1 |
| 20 | QPSK | 1 | 49 | 23.13 | 23.37 | 23.43 | |
| 20 | QPSK | 1 | 99 | 23.22 | 23.44 | 23.48 | |
| 20 | QPSK | 50 | 0 | 22.62 | 22.81 | 22.83 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.75 | 22.85 | 22.86 | |
| 20 | QPSK | 50 | 50 | 22.79 | 22.92 | 22.97 | |
| 20 | QPSK | 100 | 0 | 22.77 | 22.80 | 22.88 | |
| 20 | 16QAM | 1 | 0 | 23.00 | 23.05 | 23.06 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.02 | 23.11 | 23.09 | |
| 20 | 16QAM | 1 | 99 | 23.03 | 23.09 | 23.04 | |
| 20 | 16QAM | 50 | 0 | 21.68 | 21.81 | 21.82 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.80 | 21.83 | 21.91 | |
| 20 | 16QAM | 50 | 50 | 21.80 | 21.95 | 21.91 | |
| 20 | 16QAM | 100 | 0 | 21.75 | 21.83 | 21.87 | |
| 20 | 64QAM | 1 | 0 | 21.79 | 21.86 | 21.97 | 23.5 |
| 20 | 64QAM | 1 | 49 | 21.72 | 21.96 | 21.28 | |
| 20 | 64QAM | 1 | 99 | 21.87 | 22.03 | 21.89 | |
| 20 | 64QAM | 50 | 0 | 20.69 | 20.78 | 20.77 | 22.5 |
| 20 | 64QAM | 50 | 24 | 20.78 | 20.87 | 20.50 | |
| 20 | 64QAM | 50 | 50 | 20.87 | 20.96 | 20.83 | |
| 20 | 64QAM | 100 | 0 | 20.78 | 20.81 | 20.68 | |
| 20 | 256QAM | 1 | 0 | 18.67 | 18.77 | 18.84 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.78 | 18.89 | 18.86 | |
| 20 | 256QAM | 1 | 99 | 18.83 | 18.91 | 19.00 | |
| 20 | 256QAM | 50 | 0 | 18.60 | 18.72 | 18.71 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.66 | 18.71 | 18.79 | |
| 20 | 256QAM | 50 | 50 | 18.79 | 18.82 | 18.93 | |
| 20 | 256QAM | 100 | 0 | 18.76 | 18.78 | 18.86 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 23.10 | 23.29 | 23.34 | 25.1 |
| 15 | QPSK | 1 | 37 | 23.11 | 23.32 | 23.33 | |
| 15 | QPSK | 1 | 74 | 23.15 | 23.38 | 23.39 | |
| 15 | QPSK | 36 | 0 | 22.58 | 22.81 | 22.83 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.73 | 22.77 | 22.86 | |
| 15 | QPSK | 36 | 39 | 22.75 | 22.91 | 22.97 | |
| 15 | QPSK | 75 | 0 | 22.76 | 22.75 | 22.88 | |
| 15 | 16QAM | 1 | 0 | 22.90 | 22.98 | 23.06 | 24.5 |
| 15 | 16QAM | 1 | 37 | 22.95 | 23.01 | 23.07 | |
| 15 | 16QAM | 1 | 74 | 23.02 | 23.08 | 23.02 | |
| 15 | 16QAM | 36 | 0 | 21.58 | 21.78 | 21.73 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.73 | 21.82 | 21.84 | |
| 15 | 16QAM | 36 | 39 | 21.77 | 21.93 | 21.85 | |
| 15 | 16QAM | 75 | 0 | 21.75 | 21.82 | 21.85 | |
| 15 | 64QAM | 1 | 0 | 21.78 | 21.83 | 21.93 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.64 | 21.94 | 21.18 | |
| 15 | 64QAM | 1 | 74 | 21.77 | 21.99 | 21.86 | |
| 15 | 64QAM | 36 | 0 | 20.69 | 20.70 | 20.67 | 22.5 |
| 15 | 64QAM | 36 | 20 | 20.69 | 20.83 | 20.42 | |
| 15 | 64QAM | 36 | 39 | 20.87 | 20.90 | 20.73 | |
| 15 | 64QAM | 75 | 0 | 20.74 | 20.71 | 20.67 | |
| 15 | 256QAM | 1 | 0 | 18.63 | 18.69 | 18.77 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.70 | 18.79 | 18.77 | |
| 15 | 256QAM | 1 | 74 | 18.81 | 18.82 | 18.92 | |
| 15 | 256QAM | 36 | 0 | 18.57 | 18.70 | 18.69 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.61 | 18.71 | 18.72 | |
| 15 | 256QAM | 36 | 39 | 18.71 | 18.72 | 18.93 | |
| 15 | 256QAM | 75 | 0 | 18.69 | 18.73 | 18.85 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 23.12 | 23.26 | 23.33 | 25.1 |
| 10 | QPSK | 1 | 25 | 23.13 | 23.31 | 23.41 | |
| 10 | QPSK | 1 | 49 | 23.22 | 23.44 | 23.41 | |
| 10 | QPSK | 25 | 0 | 22.61 | 22.73 | 22.80 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.71 | 22.80 | 22.79 | |
| 10 | QPSK | 25 | 25 | 22.78 | 22.85 | 22.95 | |
| 10 | QPSK | 50 | 0 | 22.72 | 22.78 | 22.83 | |
| 10 | 16QAM | 1 | 0 | 22.99 | 23.05 | 22.96 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.01 | 23.02 | 23.08 | |
| 10 | 16QAM | 1 | 49 | 22.98 | 22.99 | 23.03 | |
| 10 | 16QAM | 25 | 0 | 21.60 | 21.78 | 21.77 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.74 | 21.80 | 21.81 | |
| 10 | 16QAM | 25 | 25 | 21.70 | 21.87 | 21.81 | |
| 10 | 16QAM | 50 | 0 | 21.70 | 21.79 | 21.85 | |
| 10 | 64QAM | 1 | 0 | 21.69 | 21.78 | 21.90 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.69 | 21.88 | 21.27 | |
| 10 | 64QAM | 1 | 49 | 21.82 | 21.98 | 21.86 | |
| 10 | 64QAM | 25 | 0 | 20.59 | 20.77 | 20.67 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.74 | 20.86 | 20.45 | |
| 10 | 64QAM | 25 | 25 | 20.83 | 20.89 | 20.79 | |
| 10 | 64QAM | 50 | 0 | 20.74 | 20.77 | 20.59 | |
| 10 | 256QAM | 1 | 0 | 18.60 | 18.72 | 18.77 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.73 | 18.87 | 18.86 | |
| 10 | 256QAM | 1 | 49 | 18.77 | 18.82 | 18.96 | |
| 10 | 256QAM | 25 | 0 | 18.53 | 18.67 | 18.70 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.63 | 18.66 | 18.71 | |
| 10 | 256QAM | 25 | 25 | 18.69 | 18.77 | 18.92 | |
| 10 | 256QAM | 50 | 0 | 18.70 | 18.78 | 18.81 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 23.12 | 23.29 | 23.33 | 25.1 |
| 5 | QPSK | 1 | 12 | 23.10 | 23.33 | 23.42 | |
| 5 | QPSK | 1 | 24 | 23.17 | 23.43 | 23.43 | |
| 5 | QPSK | 12 | 0 | 22.60 | 22.80 | 22.78 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.70 | 22.75 | 22.78 | |
| 5 | QPSK | 12 | 13 | 22.78 | 22.88 | 22.90 | |
| 5 | QPSK | 25 | 0 | 22.70 | 22.75 | 22.80 | |
| 5 | 16QAM | 1 | 0 | 22.94 | 23.05 | 22.96 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.97 | 23.05 | 23.01 | |
| 5 | 16QAM | 1 | 24 | 23.02 | 23.06 | 23.03 | |
| 5 | 16QAM | 12 | 0 | 21.59 | 21.73 | 21.79 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.72 | 21.83 | 21.90 | |
| 5 | 16QAM | 12 | 13 | 21.77 | 21.89 | 21.84 | |
| 5 | 16QAM | 25 | 0 | 21.70 | 21.81 | 21.85 | |
| 5 | 64QAM | 1 | 0 | 21.76 | 21.81 | 21.97 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.65 | 21.90 | 21.21 | |
| 5 | 64QAM | 1 | 24 | 21.85 | 22.02 | 21.87 | |
| 5 | 64QAM | 12 | 0 | 20.69 | 20.71 | 20.70 | 22.5 |
| 5 | 64QAM | 12 | 7 | 20.77 | 20.84 | 20.40 | |
| 5 | 64QAM | 12 | 13 | 20.85 | 20.89 | 20.76 | |
| 5 | 64QAM | 25 | 0 | 20.71 | 20.81 | 20.60 | |
| 5 | 256QAM | 1 | 0 | 18.57 | 18.72 | 18.83 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.76 | 18.88 | 18.82 | |
| 5 | 256QAM | 1 | 24 | 18.83 | 18.82 | 18.95 | |
| 5 | 256QAM | 12 | 0 | 18.53 | 18.66 | 18.63 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.65 | 18.70 | 18.69 | |
| 5 | 256QAM | 12 | 13 | 18.78 | 18.78 | 18.89 | |
| 5 | 256QAM | 25 | 0 | 18.67 | 18.77 | 18.88 | |
| Channel | | | | 18575 | 18900 | 19225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 23.11 | 23.25 | 23.39 | 25.1 |
| 3 | QPSK | 1 | 8 | 23.11 | 23.31 | 23.35 | |
| 3 | QPSK | 1 | 14 | 23.20 | 23.39 | 23.46 | |
| 3 | QPSK | 8 | 0 | 22.67 | 22.81 | 22.75 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.66 | 22.75 | 22.81 | |
| 3 | QPSK | 8 | 7 | 22.77 | 22.88 | 22.93 | |
| 3 | QPSK | 15 | 0 | 22.70 | 22.80 | 22.87 | |
| 3 | 16QAM | 1 | 0 | 22.92 | 22.96 | 23.05 | 24.5 |
| 3 | 16QAM | 1 | 8 | 22.96 | 23.04 | 23.02 | |
| 3 | 16QAM | 1 | 14 | 22.94 | 23.05 | 23.04 | |
| 3 | 16QAM | 8 | 0 | 21.64 | 21.71 | 21.80 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.75 | 21.74 | 21.86 | |
| 3 | 16QAM | 8 | 7 | 21.75 | 21.90 | 21.87 | |
| 3 | 16QAM | 15 | 0 | 21.72 | 21.78 | 21.87 | |
| 3 | 64QAM | 1 | 0 | 21.75 | 21.83 | 21.91 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.69 | 21.96 | 21.18 | |
| 3 | 64QAM | 1 | 14 | 21.85 | 21.93 | 21.85 | |
| 3 | 64QAM | 8 | 0 | 20.68 | 20.76 | 20.69 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.71 | 20.85 | 20.42 | |
| 3 | 64QAM | 8 | 7 | 20.83 | 20.92 | 20.76 | |
| 3 | 64QAM | 15 | 0 | 20.72 | 20.78 | 20.64 | |
| 3 | 256QAM | 1 | 0 | 18.63 | 18.70 | 18.80 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.73 | 18.82 | 18.84 | |
| 3 | 256QAM | 1 | 14 | 18.77 | 18.87 | 18.91 | |
| 3 | 256QAM | 8 | 0 | 18.59 | 18.71 | 18.82 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.58 | 18.66 | 18.78 | |
| 3 | 256QAM | 8 | 7 | 18.79 | 18.78 | 18.88 | |
| 3 | 256QAM | 15 | 0 | 18.66 | 18.75 | 18.85 | |
| Channel | | | | 18507 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 23.14 | 23.19 | 23.33 | 25.1 |
| 1.4 | QPSK | 1 | 3 | 23.18 | 23.35 | 23.40 | |
| 1.4 | QPSK | 1 | 5 | 23.10 | 23.30 | 23.34 | |
| 1.4 | QPSK | 3 | 0 | 23.13 | 23.28 | 23.35 | |
| 1.4 | QPSK | 3 | 1 | 23.21 | 23.37 | 23.42 | |
| 1.4 | QPSK | 3 | 3 | 23.12 | 23.35 | 23.41 | |
| 1.4 | QPSK | 6 | 0 | 22.61 | 22.68 | 22.86 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.76 | 22.92 | 23.08 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 22.91 | 23.10 | 23.18 | |
| 1.4 | 16QAM | 1 | 5 | 22.83 | 22.98 | 23.05 | |
| 1.4 | 16QAM | 3 | 0 | 22.62 | 22.66 | 22.87 | |
| 1.4 | 16QAM | 3 | 1 | 22.67 | 22.81 | 22.90 | |
| 1.4 | 16QAM | 3 | 3 | 22.61 | 22.77 | 22.84 | |
| 1.4 | 16QAM | 6 | 0 | 21.64 | 21.75 | 21.91 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.78 | 21.84 | 22.00 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.82 | 22.03 | 22.03 | |
| 1.4 | 64QAM | 1 | 5 | 21.76 | 21.94 | 21.99 | |
| 1.4 | 64QAM | 3 | 0 | 21.69 | 21.85 | 21.92 | |
| 1.4 | 64QAM | 3 | 1 | 21.76 | 21.89 | 21.96 | |
| 1.4 | 64QAM | 3 | 3 | 21.73 | 21.89 | 21.91 | |
| 1.4 | 64QAM | 6 | 0 | 20.57 | 20.72 | 20.87 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.57 | 18.62 | 18.72 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.72 | 18.72 | 18.74 | |
| 1.4 | 256QAM | 1 | 5 | 18.77 | 18.85 | 18.83 | |
| 1.4 | 256QAM | 3 | 0 | 18.51 | 18.61 | 18.52 | |
| 1.4 | 256QAM | 3 | 1 | 18.57 | 18.64 | 18.77 | |
| 1.4 | 256QAM | 3 | 3 | 18.77 | 18.69 | 18.81 | |
| 1.4 | 256QAM | 6 | 0 | 18.56 | 18.68 | 18.83 | 20.5 |

## Band 4_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 23.58 | 23.59 | 23.52 | 25.1 |
| 20 | QPSK | 1 | 49 | 23.41 | 23.38 | 23.33 | |
| 20 | QPSK | 1 | 99 | 23.39 | 23.35 | 23.34 | |
| 20 | QPSK | 50 | 0 | 23.00 | 23.01 | 22.97 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.01 | 22.93 | 22.90 | |
| 20 | QPSK | 50 | 50 | 22.92 | 22.92 | 22.88 | |
| 20 | QPSK | 100 | 0 | 22.97 | 22.95 | 22.85 | |
| 20 | 16QAM | 1 | 0 | 23.29 | 23.32 | 23.30 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.14 | 23.17 | 23.11 | |
| 20 | 16QAM | 1 | 99 | 23.14 | 23.07 | 23.06 | |
| 20 | 16QAM | 50 | 0 | 22.01 | 22.01 | 21.98 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.02 | 21.93 | 21.91 | |
| 20 | 16QAM | 50 | 50 | 21.94 | 21.92 | 21.90 | |
| 20 | 16QAM | 100 | 0 | 22.02 | 21.93 | 21.87 | |
| 20 | 64QAM | 1 | 0 | 21.26 | 22.20 | 22.07 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.05 | 22.03 | 21.99 | |
| 20 | 64QAM | 1 | 99 | 22.01 | 21.88 | 21.96 | |
| 20 | 64QAM | 50 | 0 | 20.87 | 21.05 | 20.83 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.04 | 20.97 | 20.93 | |
| 20 | 64QAM | 50 | 50 | 20.96 | 20.86 | 20.90 | |
| 20 | 64QAM | 100 | 0 | 21.04 | 20.95 | 20.90 | |
| 20 | 256QAM | 1 | 0 | 18.96 | 18.84 | 18.98 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.98 | 18.76 | 18.80 | |
| 20 | 256QAM | 1 | 99 | 19.00 | 18.94 | 18.89 | |
| 20 | 256QAM | 50 | 0 | 18.84 | 18.91 | 18.83 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.84 | 18.86 | 18.78 | |
| 20 | 256QAM | 50 | 50 | 18.91 | 18.88 | 18.78 | |
| 20 | 256QAM | 100 | 0 | 18.98 | 18.88 | 18.90 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 23.53 | 23.56 | 23.48 | 25.1 |
| 15 | QPSK | 1 | 37 | 23.40 | 23.28 | 23.24 | |
| 15 | QPSK | 1 | 74 | 23.37 | 23.25 | 23.31 | |
| 15 | QPSK | 36 | 0 | 23.00 | 22.95 | 22.93 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.92 | 22.92 | 22.84 | |
| 15 | QPSK | 36 | 39 | 22.88 | 22.83 | 22.81 | |
| 15 | QPSK | 75 | 0 | 22.90 | 22.89 | 22.79 | |
| 15 | 16QAM | 1 | 0 | 23.20 | 23.31 | 23.26 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.04 | 23.09 | 23.02 | |
| 15 | 16QAM | 1 | 74 | 23.07 | 22.97 | 22.99 | |
| 15 | 16QAM | 36 | 0 | 21.96 | 21.95 | 21.94 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.98 | 21.92 | 21.83 | |
| 15 | 16QAM | 36 | 39 | 21.85 | 21.92 | 21.86 | |
| 15 | 16QAM | 75 | 0 | 21.97 | 21.83 | 21.78 | |
| 15 | 64QAM | 1 | 0 | 21.25 | 22.18 | 21.97 | 23.5 |
| 15 | 64QAM | 1 | 37 | 22.00 | 21.94 | 21.97 | |
| 15 | 64QAM | 1 | 74 | 21.92 | 21.88 | 21.95 | |
| 15 | 64QAM | 36 | 0 | 20.86 | 20.99 | 20.89 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.04 | 20.97 | 20.90 | |
| 15 | 64QAM | 36 | 39 | 20.94 | 20.76 | 20.86 | |
| 15 | 64QAM | 75 | 0 | 20.98 | 20.91 | 20.80 | |
| 15 | 256QAM | 1 | 0 | 18.86 | 18.82 | 18.93 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.95 | 18.75 | 18.74 | |
| 15 | 256QAM | 1 | 74 | 18.96 | 18.84 | 18.86 | |
| 15 | 256QAM | 36 | 0 | 18.76 | 18.90 | 18.83 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.77 | 18.79 | 18.66 | |
| 15 | 256QAM | 36 | 39 | 18.87 | 18.84 | 18.73 | |
| 15 | 256QAM | 75 | 0 | 18.92 | 18.78 | 18.90 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 23.58 | 23.51 | 23.42 | 25.1 |
| 10 | QPSK | 1 | 25 | 23.36 | 23.29 | 23.31 | |
| 10 | QPSK | 1 | 49 | 23.34 | 23.32 | 23.28 | |
| 10 | QPSK | 25 | 0 | 22.90 | 22.95 | 22.94 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.94 | 22.91 | 22.86 | |
| 10 | QPSK | 25 | 25 | 22.85 | 22.92 | 22.84 | |
| 10 | QPSK | 50 | 0 | 22.90 | 22.87 | 22.80 | |
| 10 | 16QAM | 1 | 0 | 23.21 | 23.22 | 23.29 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.04 | 23.15 | 23.04 | |
| 10 | 16QAM | 1 | 49 | 23.13 | 23.06 | 22.96 | |
| 10 | 16QAM | 25 | 0 | 21.95 | 22.01 | 21.92 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.99 | 21.86 | 21.81 | |
| 10 | 16QAM | 25 | 25 | 21.85 | 21.88 | 21.84 | |
| 10 | 16QAM | 50 | 0 | 21.94 | 21.85 | 21.79 | |
| 10 | 64QAM | 1 | 0 | 21.20 | 22.18 | 22.07 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.95 | 21.94 | 21.99 | |
| 10 | 64QAM | 1 | 49 | 21.91 | 21.83 | 21.93 | |
| 10 | 64QAM | 25 | 0 | 20.84 | 20.97 | 20.74 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.95 | 20.91 | 20.93 | |
| 10 | 64QAM | 25 | 25 | 20.86 | 20.83 | 20.81 | |
| 10 | 64QAM | 50 | 0 | 21.00 | 20.85 | 20.86 | |
| 10 | 256QAM | 1 | 0 | 18.92 | 18.84 | 18.94 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.93 | 18.68 | 18.70 | |
| 10 | 256QAM | 1 | 49 | 19.00 | 18.90 | 18.84 | |
| 10 | 256QAM | 25 | 0 | 18.75 | 18.87 | 18.83 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.84 | 18.85 | 18.72 | |
| 10 | 256QAM | 25 | 25 | 18.86 | 18.78 | 18.77 | |
| 10 | 256QAM | 50 | 0 | 18.97 | 18.85 | 18.87 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 23.52 | 23.54 | 23.48 | 25.1 |
| 5 | QPSK | 1 | 12 | 23.32 | 23.37 | 23.30 | |
| 5 | QPSK | 1 | 24 | 23.35 | 23.29 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.91 | 22.97 | 22.91 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.93 | 22.88 | 22.82 | |
| 5 | QPSK | 12 | 13 | 22.83 | 22.82 | 22.87 | |
| 5 | QPSK | 25 | 0 | 22.88 | 22.91 | 22.81 | |
| 5 | 16QAM | 1 | 0 | 23.27 | 23.29 | 23.26 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.09 | 23.17 | 23.05 | |
| 5 | 16QAM | 1 | 24 | 23.10 | 23.02 | 23.04 | |
| 5 | 16QAM | 12 | 0 | 21.99 | 21.96 | 21.98 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.00 | 21.91 | 21.83 | |
| 5 | 16QAM | 12 | 13 | 21.85 | 21.83 | 21.81 | |
| 5 | 16QAM | 25 | 0 | 22.01 | 21.86 | 21.82 | |
| 5 | 64QAM | 1 | 0 | 21.21 | 22.17 | 22.05 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.01 | 21.93 | 21.90 | |
| 5 | 64QAM | 1 | 24 | 21.97 | 21.84 | 21.86 | |
| 5 | 64QAM | 12 | 0 | 20.87 | 21.04 | 20.82 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.01 | 20.89 | 20.87 | |
| 5 | 64QAM | 12 | 13 | 20.87 | 20.84 | 20.88 | |
| 5 | 64QAM | 25 | 0 | 20.94 | 20.85 | 20.80 | |
| 5 | 256QAM | 1 | 0 | 18.95 | 18.75 | 18.93 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.95 | 18.68 | 18.73 | |
| 5 | 256QAM | 1 | 24 | 18.91 | 18.90 | 18.83 | |
| 5 | 256QAM | 12 | 0 | 18.82 | 18.89 | 18.83 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.76 | 18.82 | 18.67 | |
| 5 | 256QAM | 12 | 13 | 18.86 | 18.84 | 18.73 | |
| 5 | 256QAM | 25 | 0 | 18.90 | 18.82 | 18.80 | |
| Channel | | | | 19825 | 20175 | 20525 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 23.52 | 23.58 | 23.46 | 25.1 |
| 3 | QPSK | 1 | 8 | 23.39 | 23.29 | 23.30 | |
| 3 | QPSK | 1 | 14 | 23.35 | 23.25 | 23.29 | |
| 3 | QPSK | 8 | 0 | 22.92 | 22.98 | 22.93 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.97 | 22.92 | 22.89 | |
| 3 | QPSK | 8 | 7 | 22.89 | 22.92 | 22.84 | |
| 3 | QPSK | 15 | 0 | 22.92 | 22.92 | 22.78 | |
| 3 | 16QAM | 1 | 0 | 23.26 | 23.30 | 23.24 | 24.5 |
| 3 | 16QAM | 1 | 8 | 23.11 | 23.09 | 23.03 | |
| 3 | 16QAM | 1 | 14 | 23.05 | 23.05 | 23.01 | |
| 3 | 16QAM | 8 | 0 | 21.93 | 21.96 | 21.89 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.98 | 21.88 | 21.83 | |
| 3 | 16QAM | 8 | 7 | 21.94 | 21.88 | 21.81 | |
| 3 | 16QAM | 15 | 0 | 22.01 | 21.90 | 21.77 | |
| 3 | 64QAM | 1 | 0 | 21.18 | 22.18 | 22.06 | 23.5 |
| 3 | 64QAM | 1 | 8 | 22.00 | 22.01 | 21.93 | |
| 3 | 64QAM | 1 | 14 | 21.95 | 21.80 | 21.88 | |
| 3 | 64QAM | 8 | 0 | 20.81 | 21.01 | 20.81 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.94 | 20.92 | 20.86 | |
| 3 | 64QAM | 8 | 7 | 20.87 | 20.81 | 20.85 | |
| 3 | 64QAM | 15 | 0 | 20.97 | 20.85 | 20.85 | |
| 3 | 256QAM | 1 | 0 | 18.87 | 18.82 | 18.97 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.97 | 18.67 | 18.79 | |
| 3 | 256QAM | 1 | 14 | 18.94 | 18.84 | 18.81 | |
| 3 | 256QAM | 8 | 0 | 18.75 | 18.85 | 18.73 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.75 | 18.78 | 18.69 | |
| 3 | 256QAM | 8 | 7 | 18.86 | 18.79 | 18.68 | |
| 3 | 256QAM | 15 | 0 | 18.91 | 18.86 | 18.82 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 23.41 | 23.38 | 23.34 | 25.1 |
| 1.4 | QPSK | 1 | 3 | 23.47 | 23.45 | 23.41 | |
| 1.4 | QPSK | 1 | 5 | 23.42 | 23.41 | 23.35 | |
| 1.4 | QPSK | 3 | 0 | 23.46 | 23.43 | 23.35 | |
| 1.4 | QPSK | 3 | 1 | 23.53 | 23.45 | 23.43 | |
| 1.4 | QPSK | 3 | 3 | 23.48 | 23.43 | 23.39 | |
| 1.4 | QPSK | 6 | 0 | 22.84 | 22.87 | 22.80 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 23.00 | 23.13 | 23.07 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 23.11 | 23.21 | 23.15 | |
| 1.4 | 16QAM | 1 | 5 | 23.06 | 23.13 | 23.08 | |
| 1.4 | 16QAM | 3 | 0 | 22.86 | 22.90 | 22.89 | |
| 1.4 | 16QAM | 3 | 1 | 22.93 | 22.98 | 22.93 | |
| 1.4 | 16QAM | 3 | 3 | 22.91 | 22.91 | 22.88 | |
| 1.4 | 16QAM | 6 | 0 | 21.98 | 21.97 | 21.93 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.10 | 22.03 | 22.03 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.16 | 22.14 | 22.11 | |
| 1.4 | 64QAM | 1 | 5 | 21.12 | 22.04 | 22.00 | |
| 1.4 | 64QAM | 3 | 0 | 21.06 | 22.04 | 21.99 | |
| 1.4 | 64QAM | 3 | 1 | 21.20 | 22.09 | 22.04 | |
| 1.4 | 64QAM | 3 | 3 | 21.15 | 22.07 | 22.01 | |
| 1.4 | 64QAM | 6 | 0 | 19.99 | 20.93 | 20.85 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.96 | 18.84 | 18.98 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.98 | 18.76 | 18.80 | |
| 1.4 | 256QAM | 1 | 5 | 19.00 | 18.94 | 18.89 | |
| 1.4 | 256QAM | 3 | 0 | 18.84 | 18.91 | 18.83 | |
| 1.4 | 256QAM | 3 | 1 | 18.84 | 18.86 | 18.76 | |
| 1.4 | 256QAM | 3 | 3 | 18.91 | 18.88 | 18.78 | |
| 1.4 | 256QAM | 6 | 0 | 18.98 | 18.88 | 18.90 | 20.5 |

## Band 5_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.47 | 23.57 | 23.64 | |
| 10 | QPSK | 1 | 25 | 23.51 | 23.56 | 23.53 | 25 |
| 10 | QPSK | 1 | 49 | 23.58 | 23.53 | 23.45 | |
| 10 | QPSK | 25 | 0 | 22.63 | 22.66 | 22.63 | |
| 10 | QPSK | 25 | 12 | 22.72 | 22.67 | 22.62 | 24 |
| 10 | QPSK | 25 | 25 | 22.68 | 22.70 | 22.64 | |
| 10 | QPSK | 50 | 0 | 22.72 | 22.66 | 22.59 | |
| 10 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.97 | |
| 10 | 16QAM | 1 | 25 | 22.92 | 22.98 | 22.92 | 24 |
| 10 | 16QAM | 1 | 49 | 22.96 | 22.93 | 22.83 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.65 | 21.58 | |
| 10 | 16QAM | 25 | 12 | 21.71 | 21.67 | 21.63 | 23 |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.71 | 21.62 | |
| 10 | 16QAM | 50 | 0 | 21.70 | 21.64 | 21.62 | |
| 10 | 64QAM | 1 | 0 | 21.74 | 21.77 | 21.81 | |
| 10 | 64QAM | 1 | 25 | 21.86 | 21.90 | 21.75 | 23 |
| 10 | 64QAM | 1 | 49 | 21.87 | 21.83 | 21.17 | |
| 10 | 64QAM | 25 | 0 | 20.66 | 20.69 | 20.66 | |
| 10 | 64QAM | 25 | 12 | 20.77 | 20.72 | 20.67 | 22 |
| 10 | 64QAM | 25 | 25 | 20.71 | 20.74 | 20.45 | |
| 10 | 64QAM | 50 | 0 | 20.73 | 20.69 | 20.66 | |
| 10 | 256QAM | 1 | 0 | 18.48 | 18.63 | 18.58 | |
| 10 | 256QAM | 1 | 25 | 18.53 | 18.50 | 18.61 | 20 |
| 10 | 256QAM | 1 | 49 | 18.50 | 18.63 | 18.54 | |
| 10 | 256QAM | 25 | 0 | 18.47 | 18.48 | 18.45 | |
| 10 | 256QAM | 25 | 12 | 18.49 | 18.42 | 18.39 | 20 |
| 10 | 256QAM | 25 | 25 | 18.36 | 18.48 | 18.48 | |
| 10 | 256QAM | 50 | 0 | 18.51 | 18.49 | 18.44 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.61 | 23.62 | 23.60 | |
| 5 | QPSK | 1 | 12 | 23.60 | 23.63 | 23.62 | 25 |
| 5 | QPSK | 1 | 24 | 23.57 | 23.59 | 23.53 | |
| 5 | QPSK | 12 | 0 | 22.63 | 22.73 | 22.65 | |
| 5 | QPSK | 12 | 7 | 22.70 | 22.74 | 22.58 | 24 |
| 5 | QPSK | 12 | 13 | 22.65 | 22.67 | 22.57 | |
| 5 | QPSK | 25 | 0 | 22.68 | 22.72 | 22.59 | |
| 5 | 16QAM | 1 | 0 | 22.94 | 23.01 | 22.93 | |
| 5 | 16QAM | 1 | 12 | 22.92 | 22.99 | 22.84 | 24 |
| 5 | 16QAM | 1 | 24 | 22.94 | 22.96 | 22.80 | |
| 5 | 16QAM | 12 | 0 | 21.67 | 21.75 | 21.67 | |
| 5 | 16QAM | 12 | 7 | 21.71 | 21.77 | 21.61 | 23 |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.69 | 21.58 | |
| 5 | 16QAM | 25 | 0 | 21.72 | 21.74 | 21.60 | |
| 5 | 64QAM | 1 | 0 | 21.86 | 21.95 | 21.86 | |
| 5 | 64QAM | 1 | 12 | 21.83 | 21.90 | 21.28 | 23 |
| 5 | 64QAM | 1 | 24 | 21.88 | 21.91 | 21.09 | |
| 5 | 64QAM | 12 | 0 | 20.74 | 20.80 | 20.55 | |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.81 | 20.29 | 22 |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.75 | 20.28 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.76 | 20.33 | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.58 | 18.58 | |
| 5 | 256QAM | 1 | 12 | 18.50 | 18.40 | 18.53 | 20 |
| 5 | 256QAM | 1 | 24 | 18.50 | 18.53 | 18.46 | |
| 5 | 256QAM | 12 | 0 | 18.40 | 18.44 | 18.40 | |
| 5 | 256QAM | 12 | 7 | 18.44 | 18.37 | 18.36 | 20 |
| 5 | 256QAM | 12 | 13 | 18.35 | 18.39 | 18.46 | |
| 5 | 256QAM | 25 | 0 | 18.43 | 18.45 | 18.39 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.39 | 23.47 | 23.61 | |
| 3 | QPSK | 1 | 8 | 23.49 | 23.53 | 23.46 | 25 |
| 3 | QPSK | 1 | 14 | 23.51 | 23.51 | 23.42 | |
| 3 | QPSK | 8 | 0 | 22.55 | 22.58 | 22.58 | |
| 3 | QPSK | 8 | 4 | 22.68 | 22.58 | 22.54 | 24 |
| 3 | QPSK | 8 | 7 | 22.63 | 22.65 | 22.58 | |
| 3 | QPSK | 15 | 0 | 22.62 | 22.60 | 22.50 | |
| 3 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.90 | |
| 3 | 16QAM | 1 | 8 | 22.87 | 22.97 | 22.86 | 24 |
| 3 | 16QAM | 1 | 14 | 22.94 | 22.90 | 22.73 | |
| 3 | 16QAM | 8 | 0 | 21.56 | 21.59 | 21.57 | |
| 3 | 16QAM | 8 | 4 | 21.64 | 21.62 | 21.63 | 23 |
| 3 | 16QAM | 8 | 7 | 21.61 | 21.66 | 21.57 | |
| 3 | 16QAM | 15 | 0 | 21.69 | 21.54 | 21.52 | |
| 3 | 64QAM | 1 | 0 | 21.65 | 21.67 | 21.74 | |
| 3 | 64QAM | 1 | 8 | 21.78 | 21.83 | 21.69 | 23 |
| 3 | 64QAM | 1 | 14 | 21.81 | 21.79 | 21.16 | |
| 3 | 64QAM | 8 | 0 | 20.61 | 20.60 | 20.61 | |
| 3 | 64QAM | 8 | 4 | 20.76 | 20.72 | 20.60 | 22 |
| 3 | 64QAM | 8 | 7 | 20.63 | 20.72 | 20.41 | |
| 3 | 64QAM | 15 | 0 | 20.65 | 20.59 | 20.59 | |
| 3 | 256QAM | 1 | 0 | 18.40 | 18.61 | 18.49 | |
| 3 | 256QAM | 1 | 8 | 18.43 | 18.47 | 18.51 | 20 |
| 3 | 256QAM | 1 | 14 | 18.45 | 18.63 | 18.45 | |
| 3 | 256QAM | 8 | 0 | 18.39 | 18.44 | 18.36 | |
| 3 | 256QAM | 8 | 4 | 18.46 | 18.37 | 18.39 | 20 |
| 3 | 256QAM | 8 | 7 | 18.34 | 18.42 | 18.43 | |
| 3 | 256QAM | 15 | 0 | 18.46 | 18.44 | 18.35 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.45 | 23.52 | 23.43 | |
| 1.4 | QPSK | 1 | 3 | 23.54 | 23.58 | 23.49 | |
| 1.4 | QPSK | 1 | 5 | 23.47 | 23.51 | 23.39 | 25 |
| 1.4 | QPSK | 3 | 0 | 23.53 | 23.52 | 23.47 | |
| 1.4 | QPSK | 3 | 1 | 23.57 | 23.62 | 23.50 | |
| 1.4 | QPSK | 3 | 3 | 23.53 | 23.57 | 23.48 | |
| 1.4 | QPSK | 6 | 0 | 22.58 | 22.64 | 22.51 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.79 | 22.84 | 22.78 | |
| 1.4 | 16QAM | 1 | 3 | 22.89 | 22.94 | 22.77 | |
| 1.4 | 16QAM | 1 | 5 | 22.82 | 22.86 | 22.72 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.63 | 22.64 | 22.54 | |
| 1.4 | 16QAM | 3 | 1 | 22.69 | 22.72 | 22.59 | |
| 1.4 | 16QAM | 3 | 3 | 22.61 | 22.63 | 22.49 | |
| 1.4 | 16QAM | 6 | 0 | 21.64 | 21.71 | 21.58 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.74 | 21.75 | 21.39 | |
| 1.4 | 64QAM | 1 | 3 | 21.84 | 21.91 | 21.44 | |
| 1.4 | 64QAM | 1 | 5 | 21.75 | 21.82 | 21.39 | 23 |
| 1.4 | 64QAM | 3 | 0 | 21.78 | 21.74 | 21.32 | |
| 1.4 | 64QAM | 3 | 1 | 21.78 | 21.84 | 21.44 | |
| 1.4 | 64QAM | 3 | 3 | 21.75 | 21.75 | 21.47 | |
| 1.4 | 64QAM | 6 | 0 | 20.60 | 20.65 | 20.30 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.46 | 18.60 | 18.51 | |
| 1.4 | 256QAM | 1 | 3 | 18.46 | 18.47 | 18.61 | |
| 1.4 | 256QAM | 1 | 5 | 18.42 | 18.53 | 18.54 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.45 | 18.47 | 18.41 | |
| 1.4 | 256QAM | 3 | 1 | 18.39 | 18.32 | 18.38 | |
| 1.4 | 256QAM | 3 | 3 | 18.34 | 18.39 | 18.41 | |
| 1.4 | 256QAM | 6 | 0 | 18.51 | 18.40 | 18.42 | 20 |

## Band 7_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 23.91 | 23.94 | 23.99 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.93 | 23.99 | 23.94 | |
| 20 | QPSK | 1 | 99 | 23.99 | 24.06 | 24.02 | |
| 20 | QPSK | 50 | 0 | 22.97 | 23.02 | 23.02 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.10 | 23.09 | 23.06 | |
| 20 | QPSK | 50 | 50 | 23.11 | 23.16 | 23.13 | |
| 20 | QPSK | 100 | 0 | 23.07 | 23.07 | 23.05 | |
| 20 | 16QAM | 1 | 0 | 23.27 | 23.30 | 23.29 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.29 | 23.38 | 23.36 | |
| 20 | 16QAM | 1 | 99 | 23.33 | 23.40 | 23.34 | |
| 20 | 16QAM | 50 | 0 | 21.98 | 22.04 | 22.02 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.10 | 22.10 | 22.06 | |
| 20 | 16QAM | 50 | 50 | 22.13 | 22.17 | 22.14 | |
| 20 | 16QAM | 100 | 0 | 22.06 | 22.07 | 22.03 | |
| 20 | 64QAM | 1 | 0 | 22.08 | 22.17 | 22.10 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.16 | 22.26 | 22.21 | |
| 20 | 64QAM | 1 | 99 | 22.24 | 22.32 | 22.27 | |
| 20 | 64QAM | 50 | 0 | 21.00 | 21.08 | 21.05 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.12 | 21.11 | 21.08 | |
| 20 | 64QAM | 50 | 50 | 21.15 | 21.21 | 21.15 | |
| 20 | 64QAM | 100 | 0 | 21.12 | 21.05 | 21.07 | |
| 20 | 256QAM | 1 | 0 | 19.20 | 19.27 | 19.13 | 20.5 |
| 20 | 256QAM | 1 | 49 | 19.26 | 19.16 | 19.22 | |
| 20 | 256QAM | 1 | 99 | 19.12 | 19.17 | 19.11 | |
| 20 | 256QAM | 50 | 0 | 19.12 | 19.12 | 19.07 | 20.5 |
| 20 | 256QAM | 50 | 24 | 19.22 | 19.14 | 19.10 | |
| 20 | 256QAM | 50 | 50 | 19.17 | 19.16 | 19.13 | |
| 20 | 256QAM | 100 | 0 | 19.23 | 19.11 | 19.05 | |
| Channel | | | | 20525 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 23.83 | 23.84 | 23.95 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.86 | 23.90 | 23.85 | |
| 15 | QPSK | 1 | 74 | 23.97 | 24.04 | 23.94 | |
| 15 | QPSK | 36 | 0 | 22.95 | 22.98 | 23.00 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.06 | 23.04 | 23.04 | |
| 15 | QPSK | 36 | 39 | 23.08 | 23.13 | 23.09 | |
| 15 | QPSK | 75 | 0 | 23.02 | 23.01 | 23.01 | |
| 15 | 16QAM | 1 | 0 | 23.23 | 23.30 | 23.29 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.24 | 23.36 | 23.30 | |
| 15 | 16QAM | 1 | 74 | 23.31 | 23.34 | 23.24 | |
| 15 | 16QAM | 36 | 0 | 21.88 | 22.04 | 22.01 | 23.5 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.02 | 21.97 | |
| 15 | 16QAM | 36 | 39 | 22.10 | 22.09 | 22.14 | |
| 15 | 16QAM | 75 | 0 | 21.98 | 22.05 | 21.94 | |
| 15 | 64QAM | 1 | 0 | 22.07 | 22.08 | 22.06 | 23.5 |
| 15 | 64QAM | 1 | 37 | 22.09 | 22.20 | 22.19 | |
| 15 | 64QAM | 1 | 74 | 22.14 | 22.25 | 22.17 | |
| 15 | 64QAM | 36 | 0 | 20.95 | 20.98 | 21.02 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.03 | 21.02 | 21.06 | |
| 15 | 64QAM | 36 | 39 | 21.12 | 21.21 | 21.06 | |
| 15 | 64QAM | 75 | 0 | 21.06 | 21.05 | 21.00 | |
| 15 | 256QAM | 1 | 0 | 19.17 | 19.25 | 19.13 | 20.5 |
| 15 | 256QAM | 1 | 37 | 19.16 | 19.12 | 19.19 | |
| 15 | 256QAM | 1 | 74 | 19.04 | 19.15 | 19.02 | |
| 15 | 256QAM | 36 | 0 | 19.04 | 19.12 | 19.04 | 20.5 |
| 15 | 256QAM | 36 | 20 | 19.14 | 19.05 | 19.05 | |
| 15 | 256QAM | 36 | 39 | 19.16 | 19.14 | 19.08 | |
| 15 | 256QAM | 75 | 0 | 19.23 | 19.04 | 18.97 | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 23.89 | 23.92 | 23.99 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.93 | 23.90 | 23.84 | |
| 10 | QPSK | 1 | 49 | 23.90 | 24.01 | 23.96 | |
| 10 | QPSK | 25 | 0 | 22.91 | 22.99 | 22.97 | 24.5 |
| 10 | QPSK | 25 | 12 | 23.07 | 23.06 | 23.00 | |
| 10 | QPSK | 25 | 25 | 23.03 | 23.09 | 23.03 | |
| 10 | QPSK | 50 | 0 | 22.99 | 23.08 | 23.01 | |
| 10 | 16QAM | 1 | 0 | 23.17 | 23.24 | 23.26 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.27 | 23.34 | 23.35 | |
| 10 | 16QAM | 1 | 49 | 23.31 | 23.39 | 23.31 | |
| 10 | 16QAM | 25 | 0 | 21.92 | 22.00 | 21.95 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.07 | 22.08 | 22.06 | |
| 10 | 16QAM | 25 | 25 | 22.08 | 22.10 | 22.07 | |
| 10 | 16QAM | 50 | 0 | 22.02 | 22.04 | 22.00 | |
| 10 | 64QAM | 1 | 0 | 22.00 | 22.13 | 22.10 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.06 | 22.16 | 22.18 | |
| 10 | 64QAM | 1 | 49 | 22.14 | 22.31 | 22.25 | |
| 10 | 64QAM | 25 | 0 | 20.91 | 21.02 | 20.96 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.04 | 21.04 | 21.02 | |
| 10 | 64QAM | 25 | 25 | 21.08 | 21.14 | 21.09 | |
| 10 | 64QAM | 50 | 0 | 21.10 | 21.05 | 21.02 | |
| 10 | 256QAM | 1 | 0 | 19.15 | 19.19 | 19.09 | 20.5 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.07 | 19.22 | |
| 10 | 256QAM | 1 | 49 | 19.10 | 19.09 | 19.03 | |
| 10 | 256QAM | 25 | 0 | 19.02 | 19.05 | 18.98 | 20.5 |
| 10 | 256QAM | 25 | 12 | 19.21 | 19.07 | 19.09 | |
| 10 | 256QAM | 25 | 25 | 19.16 | 19.08 | 19.08 | |
| 10 | 256QAM | 50 | 0 | 19.18 | 19.04 | 18.99 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 23.84 | 23.93 | 23.98 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.93 | 23.93 | 23.88 | |
| 5 | QPSK | 1 | 24 | 23.89 | 24.02 | 23.95 | |
| 5 | QPSK | 12 | 0 | 22.96 | 22.93 | 22.99 | 24.5 |
| 5 | QPSK | 12 | 7 | 23.09 | 23.02 | 22.96 | |
| 5 | QPSK | 12 | 13 | 23.11 | 23.14 | 23.13 | |
| 5 | QPSK | 25 | 0 | 23.04 | 22.98 | 23.01 | |
| 5 | 16QAM | 1 | 0 | 23.17 | 23.28 | 23.19 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.25 | 23.33 | 23.30 | |
| 5 | 16QAM | 1 | 24 | 23.32 | 23.34 | 23.34 | |
| 5 | 16QAM | 12 | 0 | 21.94 | 21.98 | 21.98 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.03 | 22.02 | 22.05 | |
| 5 | 16QAM | 12 | 13 | 22.10 | 22.15 | 22.14 | |
| 5 | 16QAM | 25 | 0 | 22.00 | 22.07 | 21.95 | |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.10 | 22.09 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.21 | 22.15 | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.31 | 22.19 | |
| 5 | 64QAM | 12 | 0 | 20.91 | 20.99 | 20.99 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.07 | 21.02 | 21.03 | |
| 5 | 64QAM | 12 | 13 | 21.06 | 21.17 | 21.06 | |
| 5 | 64QAM | 25 | 0 | 21.04 | 21.02 | 21.07 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.25 | 19.11 | 20.5 |
| 5 | 256QAM | 1 | 12 | 19.26 | 19.08 | 19.15 | |
| 5 | 256QAM | 1 | 24 | 19.08 | 19.10 | 19.03 | |
| 5 | 256QAM | 12 | 0 | 19.08 | 19.06 | 19.06 | 20.5 |
| 5 | 256QAM | 12 | 7 | 19.22 | 19.13 | 19.00 | |
| 5 | 256QAM | 12 | 13 | 19.12 | 19.07 | 19.13 | |
| 5 | 256QAM | 25 | 0 | 19.22 | 19.07 | 19.02 | |

## Band 12_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.48 | 24.39 | 24.39 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.39 | 24.42 | 24.40 | |
| 10 | QPSK | 1 | 49 | 24.50 | 24.43 | 24.46 | |
| 10 | QPSK | 25 | 0 | 23.53 | 23.54 | 23.53 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.60 | 23.53 | 23.53 | |
| 10 | QPSK | 25 | 25 | 23.58 | 23.59 | 23.60 | |
| 10 | QPSK | 50 | 0 | 23.61 | 23.53 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.82 | 23.76 | 23.78 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.81 | 23.82 | 23.80 | |
| 10 | 16QAM | 1 | 49 | 23.87 | 23.85 | 23.78 | |
| 10 | 16QAM | 25 | 0 | 22.54 | 22.55 | 22.53 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.61 | 22.55 | 22.51 | |
| 10 | 16QAM | 25 | 25 | 22.59 | 22.60 | 22.57 | |
| 10 | 16QAM | 50 | 0 | 22.60 | 22.55 | 22.52 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.64 | 22.67 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.71 | 22.76 | 22.74 | |
| 10 | 64QAM | 1 | 49 | 22.73 | 22.54 | 22.39 | |
| 10 | 64QAM | 25 | 0 | 21.27 | 21.36 | 21.58 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.49 | 21.55 | 21.56 | |
| 10 | 64QAM | 25 | 25 | 21.53 | 21.60 | 21.61 | |
| 10 | 64QAM | 50 | 0 | 21.41 | 21.55 | 21.59 | |
| 10 | 256QAM | 1 | 0 | 19.47 | 19.66 | 19.47 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.53 | 19.73 | 19.49 | |
| 10 | 256QAM | 1 | 49 | 19.64 | 19.55 | 19.57 | |
| 10 | 256QAM | 25 | 0 | 19.44 | 19.46 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.45 | 19.40 | 19.46 | |
| 10 | 256QAM | 25 | 25 | 19.39 | 19.41 | 19.43 | |
| 10 | 256QAM | 50 | 0 | 19.51 | 19.43 | 19.41 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.47 | 24.39 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.49 | 24.48 | 24.49 | |
| 5 | QPSK | 1 | 24 | 24.47 | 24.49 | 24.46 | |
| 5 | QPSK | 12 | 0 | 23.62 | 23.54 | 23.55 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.55 | 23.59 | 23.50 | |
| 5 | QPSK | 12 | 13 | 23.55 | 23.54 | 23.51 | |
| 5 | QPSK | 25 | 0 | 23.58 | 23.52 | 23.52 | |
| 5 | 16QAM | 1 | 0 | 23.83 | 23.83 | 23.73 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.80 | 23.79 | 23.75 | |
| 5 | 16QAM | 1 | 24 | 23.82 | 23.80 | 23.76 | |
| 5 | 16QAM | 12 | 0 | 22.65 | 22.62 | 22.59 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.58 | 22.64 | 22.54 | |
| 5 | 16QAM | 12 | 13 | 22.60 | 22.59 | 22.54 | |
| 5 | 16QAM | 25 | 0 | 22.59 | 22.53 | 22.53 | |
| 5 | 64QAM | 1 | 0 | 22.24 | 22.37 | 22.66 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.49 | 22.74 | 22.69 | |
| 5 | 64QAM | 1 | 24 | 22.23 | 22.73 | 22.49 | |
| 5 | 64QAM | 12 | 0 | 21.35 | 21.64 | 21.69 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.45 | 21.67 | 21.61 | |
| 5 | 64QAM | 12 | 13 | 21.35 | 21.60 | 21.42 | |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.57 | 21.50 | |
| 5 | 256QAM | 1 | 0 | 19.38 | 19.56 | 19.45 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.50 | 19.64 | 19.39 | |
| 5 | 256QAM | 1 | 24 | 19.58 | 19.47 | 19.54 | |
| 5 | 256QAM | 12 | 0 | 19.43 | 19.36 | 19.32 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.36 | 19.32 | 19.45 | |
| 5 | 256QAM | 12 | 13 | 19.38 | 19.38 | 19.34 | |
| 5 | 256QAM | 25 | 0 | 19.47 | 19.33 | 19.33 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 24.46 | 24.37 | 24.33 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.34 | 24.42 | 24.36 | |
| 3 | QPSK | 1 | 14 | 24.43 | 24.33 | 24.36 | |
| 3 | QPSK | 8 | 0 | 23.43 | 23.54 | 23.48 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.52 | 23.49 | 23.51 | |
| 3 | QPSK | 8 | 7 | 23.49 | 23.58 | 23.51 | |
| 3 | QPSK | 15 | 0 | 23.58 | 23.51 | 23.45 | |
| 3 | 16QAM | 1 | 0 | 23.75 | 23.66 | 23.70 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.76 | 23.75 | 23.72 | |
| 3 | 16QAM | 1 | 14 | 23.65 | 23.83 | 23.69 | |
| 3 | 16QAM | 8 | 0 | 22.52 | 22.51 | 22.49 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.60 | 22.45 | 22.42 | |
| 3 | 16QAM | 8 | 7 | 22.50 | 22.50 | 22.54 | |
| 3 | 16QAM | 15 | 0 | 22.57 | 22.50 | 22.45 | |
| 3 | 64QAM | 1 | 0 | 22.47 | 22.55 | 22.67 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.66 | 22.72 | 22.74 | |
| 3 | 64QAM | 1 | 14 | 22.66 | 22.48 | 22.33 | |
| 3 | 64QAM | 8 | 0 | 21.17 | 21.31 | 21.50 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.40 | 21.52 | 21.55 | |
| 3 | 64QAM | 8 | 7 | 21.47 | 21.53 | 21.53 | |
| 3 | 64QAM | 15 | 0 | 21.31 | 21.49 | 21.50 | |
| 3 | 256QAM | 1 | 0 | 19.44 | 19.57 | 19.41 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.49 | 19.68 | 19.48 | |
| 3 | 256QAM | 1 | 14 | 19.58 | 19.54 | 19.49 | |
| 3 | 256QAM | 8 | 0 | 19.43 | 19.38 | 19.30 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.43 | 19.39 | 19.43 | |
| 3 | 256QAM | 8 | 7 | 19.37 | 19.41 | 19.42 | |
| 3 | 256QAM | 15 | 0 | 19.43 | 19.37 | 19.39 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 24.44 | 24.33 | 24.36 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.44 | 24.42 | 24.38 | |
| 1.4 | QPSK | 1 | 5 | 24.37 | 24.38 | 24.29 | |
| 1.4 | QPSK | 3 | 0 | 24.45 | 24.38 | 24.37 | |
| 1.4 | QPSK | 3 | 1 | 24.49 | 24.42 | 24.40 | |
| 1.4 | QPSK | 3 | 3 | 24.43 | 24.43 | 24.37 | |
| 1.4 | QPSK | 6 | 0 | 23.50 | 23.47 | 23.43 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.76 | 23.67 | 23.71 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.78 | 23.80 | 23.77 | |
| 1.4 | 16QAM | 1 | 5 | 23.70 | 23.69 | 23.63 | |
| 1.4 | 16QAM | 3 | 0 | 23.53 | 23.47 | 23.47 | |
| 1.4 | 16QAM | 3 | 1 | 23.58 | 23.51 | 23.50 | |
| 1.4 | 16QAM | 3 | 3 | 23.51 | 23.50 | 23.43 | |
| 1.4 | 16QAM | 6 | 0 | 22.57 | 22.56 | 22.49 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.34 | 22.61 | 22.37 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.45 | 22.72 | 22.34 | |
| 1.4 | 64QAM | 1 | 5 | 22.47 | 22.63 | 22.20 | |
| 1.4 | 64QAM | 3 | 0 | 22.26 | 22.56 | 22.39 | |
| 1.4 | 64QAM | 3 | 1 | 22.26 | 22.61 | 22.37 | |
| 1.4 | 64QAM | 3 | 3 | 22.37 | 22.61 | 22.26 | |
| 1.4 | 64QAM | 6 | 0 | 21.23 | 21.50 | 21.23 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.38 | 19.58 | 19.39 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.45 | 19.71 | 19.41 | |
| 1.4 | 256QAM | 1 | 5 | 19.61 | 19.54 | 19.53 | |
| 1.4 | 256QAM | 3 | 0 | 19.43 | 19.43 | 19.36 | |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.40 | 19.37 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.31 | 19.38 | |
| 1.4 | 256QAM | 6 | 0 | 19.49 | 19.37 | 19.39 | 20.7 |

**Band 13_Ant 1**

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | | 23230 | | |
| Frequency (MHz) | | | | | 782 | | |
| 10 | QPSK | 1 | 0 | | 23.53 | | 25 |
| 10 | QPSK | 1 | 25 | | 23.51 | | |
| 10 | QPSK | 1 | 49 | | 23.57 | | |
| 10 | QPSK | 25 | 0 | | 22.60 | | 24 |
| 10 | QPSK | 25 | 12 | | 22.61 | | |
| 10 | QPSK | 25 | 25 | | 22.65 | | |
| 10 | QPSK | 50 | 0 | | 22.61 | | |
| 10 | 16QAM | 1 | 0 | | 22.82 | | 24 |
| 10 | 16QAM | 1 | 25 | | 22.86 | | |
| 10 | 16QAM | 1 | 49 | | 22.88 | | |
| 10 | 16QAM | 25 | 0 | | 21.61 | | 23 |
| 10 | 16QAM | 25 | 12 | | 21.66 | | |
| 10 | 16QAM | 25 | 25 | | 21.69 | | |
| 10 | 16QAM | 50 | 0 | | 21.64 | | |
| 10 | 64QAM | 1 | 0 | | 21.69 | | 23 |
| 10 | 64QAM | 1 | 25 | | 21.81 | | |
| 10 | 64QAM | 1 | 49 | | 21.78 | | |
| 10 | 64QAM | 25 | 0 | | 20.65 | | 22 |
| 10 | 64QAM | 25 | 12 | | 20.69 | | |
| 10 | 64QAM | 25 | 25 | | 20.71 | | |
| 10 | 64QAM | 50 | 0 | | 20.68 | | |
| 10 | 256QAM | 1 | 0 | | 18.25 | | 20 |
| 10 | 256QAM | 1 | 25 | | 18.50 | | |
| 10 | 256QAM | 1 | 49 | | 18.70 | | |
| 10 | 256QAM | 25 | 0 | | 18.41 | | 20 |
| 10 | 256QAM | 25 | 12 | | 18.46 | | |
| 10 | 256QAM | 25 | 25 | | 18.59 | | |
| 10 | 256QAM | 50 | 0 | | 18.44 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 23.45 | 23.48 | 23.22 | 25 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.54 | 23.24 | |
| 5 | QPSK | 1 | 24 | 23.55 | 23.58 | 23.31 | |
| 5 | QPSK | 12 | 0 | 22.58 | 22.59 | 22.32 | 24 |
| 5 | QPSK | 12 | 7 | 22.62 | 22.63 | 22.40 | |
| 5 | QPSK | 12 | 13 | 22.65 | 22.67 | 22.36 | |
| 5 | QPSK | 25 | 0 | 22.65 | 22.63 | 22.37 | |
| 5 | 16QAM | 1 | 0 | 22.84 | 22.76 | 22.50 | 24 |
| 5 | 16QAM | 1 | 12 | 22.75 | 22.82 | 22.49 | |
| 5 | 16QAM | 1 | 24 | 22.84 | 22.85 | 22.51 | |
| 5 | 16QAM | 12 | 0 | 21.62 | 21.64 | 21.39 | 23 |
| 5 | 16QAM | 12 | 7 | 21.66 | 21.64 | 21.43 | |
| 5 | 16QAM | 12 | 13 | 21.68 | 21.71 | 21.42 | |
| 5 | 16QAM | 25 | 0 | 21.70 | 21.63 | 21.41 | |
| 5 | 64QAM | 1 | 0 | 21.73 | 21.68 | 21.42 | 23 |
| 5 | 64QAM | 1 | 12 | 21.69 | 21.81 | 21.49 | |
| 5 | 64QAM | 1 | 24 | 21.77 | 21.81 | 21.48 | |
| 5 | 64QAM | 12 | 0 | 20.66 | 20.70 | 20.43 | 22 |
| 5 | 64QAM | 12 | 7 | 20.72 | 20.67 | 20.45 | |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.75 | 20.43 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.66 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 18.16 | 18.24 | 18.22 | 20 |
| 5 | 256QAM | 1 | 12 | 18.43 | 18.45 | 18.47 | |
| 5 | 256QAM | 1 | 24 | 18.63 | 18.67 | 18.60 | |
| 5 | 256QAM | 12 | 0 | 18.37 | 18.35 | 18.38 | 20 |
| 5 | 256QAM | 12 | 7 | 18.46 | 18.36 | 18.40 | |
| 5 | 256QAM | 12 | 13 | 18.58 | 18.55 | 18.54 | |
| 5 | 256QAM | 25 | 0 | 18.37 | 18.34 | 18.41 | |

**Band 14_Ant 1**

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | | 23330 | | |
| Frequency (MHz) | | | | | 793 | | |
| 10 | QPSK | 1 | 0 | | 23.66 | | 25 |
| 10 | QPSK | 1 | 25 | | 23.60 | | |
| 10 | QPSK | 1 | 49 | | 23.58 | | |
| 10 | QPSK | 25 | 0 | | 22.63 | | 24 |
| 10 | QPSK | 25 | 12 | | 22.65 | | |
| 10 | QPSK | 25 | 25 | | 22.74 | | |
| 10 | QPSK | 50 | 0 | | 22.67 | | |
| 10 | 16QAM | 1 | 0 | | 23.02 | | 24 |
| 10 | 16QAM | 1 | 25 | | 22.99 | | |
| 10 | 16QAM | 1 | 49 | | 22.97 | | |
| 10 | 16QAM | 25 | 0 | | 21.65 | | 23 |
| 10 | 16QAM | 25 | 12 | | 21.68 | | |
| 10 | 16QAM | 25 | 25 | | 21.73 | | |
| 10 | 16QAM | 50 | 0 | | 21.66 | | |
| 10 | 64QAM | 1 | 0 | | 21.92 | | 23 |
| 10 | 64QAM | 1 | 25 | | 21.95 | | |
| 10 | 64QAM | 1 | 49 | | 21.90 | | |
| 10 | 64QAM | 25 | 0 | | 20.67 | | 22 |
| 10 | 64QAM | 25 | 12 | | 20.69 | | |
| 10 | 64QAM | 25 | 25 | | 20.76 | | |
| 10 | 64QAM | 50 | 0 | | 20.67 | | |
| 10 | 256QAM | 1 | 0 | | 18.45 | | 20 |
| 10 | 256QAM | 1 | 25 | | 18.58 | | |
| 10 | 256QAM | 1 | 49 | | 18.74 | | |
| 10 | 256QAM | 25 | 0 | | 18.50 | | 20 |
| 10 | 256QAM | 25 | 12 | | 18.44 | | |
| 10 | 256QAM | 25 | 25 | | 18.47 | | |
| 10 | 256QAM | 50 | 0 | | 18.50 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 23.58 | 23.55 | 23.58 | 25 |
| 5 | QPSK | 1 | 12 | 23.63 | 23.65 | 23.64 | |
| 5 | QPSK | 1 | 24 | 23.65 | 23.64 | 23.56 | |
| 5 | QPSK | 12 | 0 | 22.71 | 22.65 | 22.64 | 24 |
| 5 | QPSK | 12 | 7 | 22.70 | 22.73 | 22.70 | |
| 5 | QPSK | 12 | 13 | 22.71 | 22.73 | 22.68 | |
| 5 | QPSK | 25 | 0 | 22.69 | 22.66 | 22.63 | |
| 5 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.87 | 24 |
| 5 | 16QAM | 1 | 12 | 23.00 | 23.02 | 22.98 | |
| 5 | 16QAM | 1 | 24 | 22.96 | 23.00 | 22.90 | |
| 5 | 16QAM | 12 | 0 | 21.73 | 21.68 | 21.64 | 23 |
| 5 | 16QAM | 12 | 7 | 21.77 | 21.77 | 21.78 | |
| 5 | 16QAM | 12 | 13 | 21.73 | 21.72 | 21.68 | |
| 5 | 16QAM | 25 | 0 | 21.71 | 21.68 | 21.64 | |
| 5 | 64QAM | 1 | 0 | 21.87 | 21.89 | 21.85 | 23 |
| 5 | 64QAM | 1 | 12 | 21.93 | 22.00 | 21.94 | |
| 5 | 64QAM | 1 | 24 | 21.90 | 21.95 | 21.92 | |
| 5 | 64QAM | 12 | 0 | 20.80 | 20.71 | 20.69 | 22 |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.83 | 20.76 | |
| 5 | 64QAM | 12 | 13 | 20.75 | 20.76 | 20.69 | |
| 5 | 64QAM | 25 | 0 | 20.72 | 20.67 | 20.66 | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.37 | 18.42 | 20 |
| 5 | 256QAM | 1 | 12 | 18.55 | 18.48 | 18.55 | |
| 5 | 256QAM | 1 | 24 | 18.74 | 18.72 | 18.65 | |
| 5 | 256QAM | 12 | 0 | 18.50 | 18.42 | 18.48 | 20 |
| 5 | 256QAM | 12 | 7 | 18.38 | 18.34 | 18.35 | |
| 5 | 256QAM | 12 | 13 | 18.42 | 18.46 | 18.39 | |
| 5 | 256QAM | 25 | 0 | 18.40 | 18.47 | 18.44 | |

| Band 17_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 23.35 | 23.31 | 23.32 | 25 |
| 10 | QPSK | 1 | 25 | 23.36 | 23.37 | 23.37 | |
| 10 | QPSK | 1 | 49 | 23.37 | 23.45 | 23.38 | |
| 10 | QPSK | 25 | 0 | 22.38 | 22.39 | 22.41 | 24 |
| 10 | QPSK | 25 | 12 | 22.52 | 22.50 | 22.48 | |
| 10 | QPSK | 25 | 25 | 22.56 | 22.57 | 22.55 | |
| 10 | QPSK | 50 | 0 | 22.47 | 22.48 | 22.45 | |
| 10 | 16QAM | 1 | 0 | 22.70 | 22.68 | 22.69 | 24 |
| 10 | 16QAM | 1 | 25 | 22.75 | 22.78 | 22.74 | |
| 10 | 16QAM | 1 | 49 | 22.76 | 22.80 | 22.77 | |
| 10 | 16QAM | 25 | 0 | 21.41 | 21.41 | 21.41 | 23 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.48 | 21.47 | |
| 10 | 16QAM | 25 | 25 | 21.57 | 21.54 | 21.51 | |
| 10 | 16QAM | 50 | 0 | 21.44 | 21.46 | 21.42 | |
| 10 | 64QAM | 1 | 0 | 21.55 | 21.54 | 21.50 | 23 |
| 10 | 64QAM | 1 | 25 | 21.67 | 21.69 | 21.66 | |
| 10 | 64QAM | 1 | 49 | 21.53 | 21.60 | 21.48 | |
| 10 | 64QAM | 25 | 0 | 20.42 | 20.43 | 20.44 | 22 |
| 10 | 64QAM | 25 | 12 | 20.59 | 20.51 | 20.51 | |
| 10 | 64QAM | 25 | 25 | 20.59 | 20.58 | 20.56 | |
| 10 | 64QAM | 50 | 0 | 20.49 | 20.47 | 20.48 | |
| 10 | 256QAM | 1 | 0 | 18.34 | 18.39 | 18.22 | 20 |
| 10 | 256QAM | 1 | 25 | 18.43 | 18.45 | 18.47 | |
| 10 | 256QAM | 1 | 49 | 18.54 | 18.47 | 18.38 | |
| 10 | 256QAM | 25 | 0 | 18.31 | 18.27 | 18.39 | 20 |
| 10 | 256QAM | 25 | 12 | 18.30 | 18.40 | 18.34 | |
| 10 | 256QAM | 25 | 25 | 18.40 | 18.37 | 18.39 | |
| 10 | 256QAM | 50 | 0 | 18.27 | 18.40 | 18.31 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 23.33 | 23.28 | 23.27 | 25 |
| 5 | QPSK | 1 | 12 | 23.42 | 23.42 | 23.39 | |
| 5 | QPSK | 1 | 24 | 23.43 | 23.44 | 23.40 | |
| 5 | QPSK | 12 | 0 | 22.44 | 22.46 | 22.41 | 24 |
| 5 | QPSK | 12 | 7 | 22.51 | 22.48 | 22.43 | |
| 5 | QPSK | 12 | 13 | 22.53 | 22.52 | 22.45 | |
| 5 | QPSK | 25 | 0 | 22.49 | 22.47 | 22.42 | |
| 5 | 16QAM | 1 | 0 | 22.65 | 22.67 | 22.66 | 24 |
| 5 | 16QAM | 1 | 12 | 22.74 | 22.78 | 22.70 | |
| 5 | 16QAM | 1 | 24 | 22.78 | 22.79 | 22.75 | |
| 5 | 16QAM | 12 | 0 | 21.46 | 21.47 | 21.46 | 23 |
| 5 | 16QAM | 12 | 7 | 21.53 | 21.52 | 21.45 | |
| 5 | 16QAM | 12 | 13 | 21.54 | 21.53 | 21.47 | |
| 5 | 16QAM | 25 | 0 | 21.51 | 21.48 | 21.44 | |
| 5 | 64QAM | 1 | 0 | 21.57 | 21.66 | 21.63 | 23 |
| 5 | 64QAM | 1 | 12 | 21.66 | 21.70 | 21.64 | |
| 5 | 64QAM | 1 | 24 | 21.79 | 21.76 | 21.67 | |
| 5 | 64QAM | 12 | 0 | 20.50 | 20.49 | 20.47 | 22 |
| 5 | 64QAM | 12 | 7 | 20.57 | 20.55 | 20.51 | |
| 5 | 64QAM | 12 | 13 | 20.57 | 20.58 | 20.52 | |
| 5 | 64QAM | 25 | 0 | 20.51 | 20.49 | 20.47 | |
| 5 | 256QAM | 1 | 0 | 18.25 | 18.31 | 18.18 | 20 |
| 5 | 256QAM | 1 | 12 | 18.40 | 18.45 | 18.42 | |
| 5 | 256QAM | 1 | 24 | 18.52 | 18.39 | 18.37 | |
| 5 | 256QAM | 12 | 0 | 18.26 | 18.25 | 18.25 | 20 |
| 5 | 256QAM | 12 | 7 | 18.25 | 18.33 | 18.30 | |
| 5 | 256QAM | 12 | 13 | 18.36 | 18.27 | 18.37 | |
| 5 | 256QAM | 25 | 0 | 18.20 | 18.30 | 18.31 | |

## Band 25_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 23.44 | 23.47 | 23.57 | 25.1 |
| 20 | QPSK | 1 | 49 | 23.46 | 23.58 | 23.25 | |
| 20 | QPSK | 1 | 99 | 23.46 | 23.60 | 23.58 | |
| 20 | QPSK | 50 | 0 | 22.79 | 22.82 | 22.87 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.87 | 22.92 | 22.88 | |
| 20 | QPSK | 50 | 50 | 22.82 | 22.90 | 22.96 | |
| 20 | QPSK | 100 | 0 | 22.86 | 22.87 | 22.85 | |
| 20 | 16QAM | 1 | 0 | 23.10 | 22.98 | 23.07 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.08 | 23.09 | 22.99 | |
| 20 | 16QAM | 1 | 99 | 23.06 | 23.11 | 23.19 | |
| 20 | 16QAM | 50 | 0 | 21.79 | 21.84 | 21.94 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.87 | 21.95 | 21.91 | |
| 20 | 16QAM | 50 | 50 | 21.85 | 21.93 | 21.99 | |
| 20 | 16QAM | 100 | 0 | 21.87 | 21.89 | 21.90 | |
| 20 | 64QAM | 1 | 0 | 21.92 | 21.93 | 22.09 | 23.5 |
| 20 | 64QAM | 1 | 49 | 21.97 | 21.97 | 21.60 | |
| 20 | 64QAM | 1 | 99 | 22.06 | 22.05 | 21.47 | |
| 20 | 64QAM | 50 | 0 | 20.82 | 20.84 | 20.67 | 22.5 |
| 20 | 64QAM | 50 | 24 | 20.88 | 20.94 | 20.89 | |
| 20 | 64QAM | 50 | 50 | 20.85 | 20.95 | 20.97 | |
| 20 | 64QAM | 100 | 0 | 20.82 | 20.93 | 20.25 | |
| 20 | 256QAM | 1 | 0 | 18.90 | 18.74 | 18.84 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.77 | 18.94 | 18.94 | |
| 20 | 256QAM | 1 | 99 | 18.78 | 18.90 | 18.81 | |
| 20 | 256QAM | 50 | 0 | 18.63 | 18.70 | 18.52 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.78 | 18.72 | 18.80 | |
| 20 | 256QAM | 50 | 50 | 18.69 | 18.79 | 18.73 | |
| 20 | 256QAM | 100 | 0 | 18.76 | 18.84 | 18.85 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 23.25 | 23.25 | 23.41 | 25.1 |
| 15 | QPSK | 1 | 37 | 23.27 | 23.37 | 23.10 | |
| 15 | QPSK | 1 | 74 | 23.21 | 23.41 | 23.37 | |
| 15 | QPSK | 36 | 0 | 22.76 | 22.80 | 22.85 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.77 | 22.88 | 22.79 | |
| 15 | QPSK | 36 | 39 | 22.74 | 22.89 | 22.94 | |
| 15 | QPSK | 75 | 0 | 22.78 | 22.78 | 22.82 | |
| 15 | 16QAM | 1 | 0 | 23.04 | 22.94 | 23.06 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.02 | 23.04 | 22.90 | |
| 15 | 16QAM | 1 | 74 | 23.05 | 23.05 | 23.11 | |
| 15 | 16QAM | 36 | 0 | 21.71 | 21.83 | 21.91 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.78 | 21.95 | 21.81 | |
| 15 | 16QAM | 36 | 39 | 21.75 | 21.85 | 21.99 | |
| 15 | 16QAM | 75 | 0 | 21.84 | 21.84 | 21.87 | |
| 15 | 64QAM | 1 | 0 | 21.83 | 21.91 | 22.01 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.88 | 21.97 | 21.54 | |
| 15 | 64QAM | 1 | 74 | 22.01 | 22.00 | 21.37 | |
| 15 | 64QAM | 36 | 0 | 20.77 | 20.92 | 20.67 | 22.5 |
| 15 | 64QAM | 36 | 20 | 20.81 | 20.94 | 20.86 | |
| 15 | 64QAM | 36 | 39 | 20.77 | 20.95 | 20.90 | |
| 15 | 64QAM | 75 | 0 | 20.73 | 20.86 | 20.23 | |
| 15 | 256QAM | 1 | 0 | 18.86 | 18.64 | 18.82 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.76 | 18.87 | 18.94 | |
| 15 | 256QAM | 1 | 74 | 18.75 | 18.81 | 18.77 | |
| 15 | 256QAM | 36 | 0 | 18.53 | 18.63 | 18.46 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.71 | 18.67 | 18.71 | |
| 15 | 256QAM | 36 | 39 | 18.64 | 18.70 | 18.65 | |
| 15 | 256QAM | 75 | 0 | 18.71 | 18.77 | 18.84 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 23.23 | 23.23 | 23.42 | 25.1 |
| 10 | QPSK | 1 | 25 | 23.27 | 23.33 | 23.10 | |
| 10 | QPSK | 1 | 49 | 23.29 | 23.38 | 23.40 | |
| 10 | QPSK | 25 | 0 | 22.78 | 22.74 | 22.80 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.81 | 22.82 | 22.88 | |
| 10 | QPSK | 25 | 25 | 22.74 | 22.90 | 22.92 | |
| 10 | QPSK | 50 | 0 | 22.79 | 22.80 | 22.75 | |
| 10 | 16QAM | 1 | 0 | 23.05 | 22.95 | 23.05 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.00 | 23.09 | 22.97 | |
| 10 | 16QAM | 1 | 49 | 22.96 | 23.07 | 23.18 | |
| 10 | 16QAM | 25 | 0 | 21.76 | 21.82 | 21.92 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.83 | 21.90 | 21.87 | |
| 10 | 16QAM | 25 | 25 | 21.83 | 21.93 | 21.92 | |
| 10 | 16QAM | 50 | 0 | 21.81 | 21.81 | 21.81 | |
| 10 | 64QAM | 1 | 0 | 21.91 | 21.85 | 22.02 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.87 | 21.87 | 21.55 | |
| 10 | 64QAM | 1 | 49 | 21.99 | 22.01 | 21.39 | |
| 10 | 64QAM | 25 | 0 | 20.73 | 20.84 | 20.65 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.83 | 20.88 | 20.80 | |
| 10 | 64QAM | 25 | 25 | 20.83 | 20.93 | 20.90 | |
| 10 | 64QAM | 50 | 0 | 20.80 | 20.87 | 20.18 | |
| 10 | 256QAM | 1 | 0 | 18.81 | 18.64 | 18.79 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.75 | 18.86 | 18.93 | |
| 10 | 256QAM | 1 | 49 | 18.73 | 18.86 | 18.79 | |
| 10 | 256QAM | 25 | 0 | 18.59 | 18.63 | 18.44 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.74 | 18.63 | 18.77 | |
| 10 | 256QAM | 25 | 25 | 18.69 | 18.76 | 18.65 | |
| 10 | 256QAM | 50 | 0 | 18.69 | 18.75 | 18.80 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 23.26 | 23.28 | 23.38 | 25.1 |
| 5 | QPSK | 1 | 12 | 23.26 | 23.41 | 23.11 | |
| 5 | QPSK | 1 | 24 | 23.29 | 23.39 | 23.39 | |
| 5 | QPSK | 12 | 0 | 22.71 | 22.75 | 22.86 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.83 | 22.87 | 22.80 | |
| 5 | QPSK | 12 | 13 | 22.80 | 22.84 | 22.89 | |
| 5 | QPSK | 25 | 0 | 22.77 | 22.79 | 22.79 | |
| 5 | 16QAM | 1 | 0 | 23.08 | 22.93 | 23.00 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.98 | 23.05 | 22.92 | |
| 5 | 16QAM | 1 | 24 | 22.97 | 23.05 | 23.12 | |
| 5 | 16QAM | 12 | 0 | 21.69 | 21.83 | 21.90 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.80 | 21.95 | 21.91 | |
| 5 | 16QAM | 12 | 13 | 21.76 | 21.83 | 21.97 | |
| 5 | 16QAM | 25 | 0 | 21.87 | 21.80 | 21.89 | |
| 5 | 64QAM | 1 | 0 | 21.84 | 21.88 | 21.99 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.94 | 21.88 | 21.50 | |
| 5 | 64QAM | 1 | 24 | 21.97 | 21.99 | 21.45 | |
| 5 | 64QAM | 12 | 0 | 20.78 | 20.76 | 20.66 | 22.5 |
| 5 | 64QAM | 12 | 7 | 20.81 | 20.94 | 20.83 | |
| 5 | 64QAM | 12 | 13 | 20.82 | 20.93 | 20.90 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.93 | 20.17 | |
| 5 | 256QAM | 1 | 0 | 18.81 | 18.72 | 18.84 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.72 | 18.89 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.68 | 18.80 | 18.79 | |
| 5 | 256QAM | 12 | 0 | 18.62 | 18.61 | 18.46 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.76 | 18.62 | 18.74 | |
| 5 | 256QAM | 12 | 13 | 18.69 | 18.71 | 18.64 | |
| 5 | 256QAM | 25 | 0 | 18.67 | 18.79 | 18.84 | |
| Channel | | | | 26025 | 26340 | 26675 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 23.22 | 23.32 | 23.39 | 25.1 |
| 3 | QPSK | 1 | 8 | 23.27 | 23.40 | 23.10 | |
| 3 | QPSK | 1 | 14 | 23.24 | 23.38 | 23.37 | |
| 3 | QPSK | 8 | 0 | 22.76 | 22.77 | 22.86 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.85 | 22.91 | 22.82 | |
| 3 | QPSK | 8 | 7 | 22.78 | 22.80 | 22.86 | |
| 3 | QPSK | 15 | 0 | 22.81 | 22.82 | 22.76 | |
| 3 | 16QAM | 1 | 0 | 23.05 | 22.90 | 23.00 | 24.5 |
| 3 | 16QAM | 1 | 8 | 23.06 | 23.07 | 22.97 | |
| 3 | 16QAM | 1 | 14 | 22.96 | 23.10 | 23.19 | |
| 3 | 16QAM | 8 | 0 | 21.77 | 21.77 | 21.87 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.87 | 21.89 | 21.99 | |
| 3 | 16QAM | 8 | 7 | 21.76 | 21.91 | 21.89 | |
| 3 | 16QAM | 15 | 0 | 21.79 | 21.82 | 21.90 | |
| 3 | 64QAM | 1 | 0 | 21.91 | 21.84 | 22.04 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.96 | 21.97 | 21.55 | |
| 3 | 64QAM | 1 | 14 | 22.05 | 22.05 | 21.46 | |
| 3 | 64QAM | 8 | 0 | 20.79 | 20.82 | 20.58 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.80 | 20.94 | 20.80 | |
| 3 | 64QAM | 8 | 7 | 20.79 | 20.85 | 20.95 | |
| 3 | 64QAM | 15 | 0 | 20.82 | 20.86 | 20.25 | |
| 3 | 256QAM | 1 | 0 | 18.90 | 18.68 | 18.78 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.67 | 18.96 | 18.99 | |
| 3 | 256QAM | 1 | 14 | 18.71 | 18.89 | 18.71 | |
| 3 | 256QAM | 8 | 0 | 18.60 | 18.65 | 18.50 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.69 | 18.65 | 18.78 | |
| 3 | 256QAM | 8 | 7 | 18.62 | 18.72 | 18.67 | |
| 3 | 256QAM | 15 | 0 | 18.72 | 18.78 | 18.85 | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 23.17 | 23.27 | 23.34 | 25.1 |
| 1.4 | QPSK | 1 | 3 | 23.32 | 23.40 | 23.44 | |
| 1.4 | QPSK | 1 | 5 | 23.24 | 23.36 | 23.43 | |
| 1.4 | QPSK | 3 | 0 | 23.28 | 23.30 | 23.37 | |
| 1.4 | QPSK | 3 | 1 | 23.31 | 23.35 | 23.40 | |
| 1.4 | QPSK | 3 | 3 | 23.32 | 23.36 | 23.47 | |
| 1.4 | QPSK | 6 | 0 | 22.71 | 22.82 | 22.88 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.90 | 22.99 | 23.03 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 23.01 | 23.04 | 23.22 | |
| 1.4 | 16QAM | 1 | 5 | 23.03 | 23.05 | 23.05 | |
| 1.4 | 16QAM | 3 | 0 | 22.72 | 22.75 | 22.84 | |
| 1.4 | 16QAM | 3 | 1 | 22.79 | 22.84 | 22.91 | |
| 1.4 | 16QAM | 3 | 3 | 22.76 | 22.84 | 22.82 | |
| 1.4 | 16QAM | 6 | 0 | 21.82 | 21.89 | 21.97 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.85 | 21.93 | 21.52 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.97 | 21.99 | 21.44 | |
| 1.4 | 64QAM | 1 | 5 | 21.91 | 22.03 | 21.32 | |
| 1.4 | 64QAM | 3 | 0 | 21.82 | 21.87 | 21.52 | |
| 1.4 | 64QAM | 3 | 1 | 21.85 | 21.93 | 21.64 | |
| 1.4 | 64QAM | 3 | 3 | 21.82 | 21.91 | 21.44 | |
| 1.4 | 64QAM | 6 | 0 | 20.74 | 20.86 | 20.45 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.80 | 18.68 | 18.83 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.69 | 18.92 | 18.89 | |
| 1.4 | 256QAM | 1 | 5 | 18.69 | 18.80 | 18.72 | |
| 1.4 | 256QAM | 3 | 0 | 18.54 | 18.60 | 18.48 | |
| 1.4 | 256QAM | 3 | 1 | 18.74 | 18.64 | 18.76 | |
| 1.4 | 256QAM | 3 | 3 | 18.67 | 18.72 | 18.66 | |
| 1.4 | 256QAM | 6 | 0 | 18.75 | 18.84 | 18.78 | 20.5 |

## Band 26_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26705 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 23.60 | 23.49 | 23.47 | |
| 15 | QPSK | 1 | 37 | 23.46 | 23.46 | 23.43 | 25 |
| 15 | QPSK | 1 | 74 | 23.51 | 23.48 | 23.33 | |
| 15 | QPSK | 36 | 0 | 22.63 | 22.64 | 22.57 | |
| 15 | QPSK | 36 | 20 | 22.61 | 22.63 | 22.55 | 24 |
| 15 | QPSK | 36 | 39 | 22.62 | 22.62 | 22.54 | |
| 15 | QPSK | 75 | 0 | 22.66 | 22.64 | 22.57 | |
| 15 | 16QAM | 1 | 0 | 22.87 | 22.79 | 22.78 | |
| 15 | 16QAM | 1 | 37 | 22.78 | 22.78 | 22.76 | 24 |
| 15 | 16QAM | 1 | 74 | 22.74 | 22.74 | 22.64 | |
| 15 | 16QAM | 36 | 0 | 21.61 | 21.60 | 21.59 | |
| 15 | 16QAM | 36 | 20 | 21.64 | 21.64 | 21.56 | 23 |
| 15 | 16QAM | 36 | 39 | 21.61 | 21.62 | 21.58 | |
| 15 | 16QAM | 75 | 0 | 21.66 | 21.64 | 21.59 | |
| 15 | 64QAM | 1 | 0 | 21.73 | 21.64 | 21.68 | |
| 15 | 64QAM | 1 | 37 | 21.71 | 21.74 | 21.68 | 23 |
| 15 | 64QAM | 1 | 74 | 21.73 | 21.68 | 21.06 | |
| 15 | 64QAM | 36 | 0 | 20.30 | 20.63 | 20.65 | |
| 15 | 64QAM | 36 | 20 | 20.52 | 20.69 | 20.60 | 22 |
| 15 | 64QAM | 36 | 39 | 20.65 | 20.68 | 20.48 | |
| 15 | 64QAM | 75 | 0 | 20.67 | 20.66 | 20.58 | |
| 15 | 256QAM | 1 | 0 | 18.64 | 18.53 | 18.58 | |
| 15 | 256QAM | 1 | 37 | 18.59 | 18.53 | 18.50 | 20 |
| 15 | 256QAM | 1 | 74 | 18.50 | 18.57 | 18.40 | |
| 15 | 256QAM | 36 | 0 | 18.48 | 18.50 | 18.59 | |
| 15 | 256QAM | 36 | 20 | 18.48 | 18.47 | 18.36 | 20 |
| 15 | 256QAM | 36 | 39 | 18.37 | 18.41 | 18.42 | |
| 15 | 256QAM | 75 | 0 | 18.46 | 18.51 | 18.39 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.54 | 23.39 | 23.45 | |
| 10 | QPSK | 1 | 25 | 23.38 | 23.40 | 23.42 | 25 |
| 10 | QPSK | 1 | 49 | 23.42 | 23.49 | 23.23 | |
| 10 | QPSK | 25 | 0 | 22.59 | 22.55 | 22.55 | |
| 10 | QPSK | 25 | 12 | 22.63 | 22.60 | 22.50 | 24 |
| 10 | QPSK | 25 | 25 | 22.62 | 22.57 | 22.49 | |
| 10 | QPSK | 50 | 0 | 22.64 | 22.64 | 22.53 | |
| 10 | 16QAM | 1 | 0 | 22.82 | 22.75 | 22.73 | |
| 10 | 16QAM | 1 | 25 | 22.76 | 22.73 | 22.73 | 24 |
| 10 | 16QAM | 1 | 49 | 22.73 | 22.71 | 22.62 | |
| 10 | 16QAM | 25 | 0 | 21.57 | 21.59 | 21.57 | |
| 10 | 16QAM | 25 | 12 | 21.57 | 21.56 | 21.53 | 23 |
| 10 | 16QAM | 25 | 25 | 21.57 | 21.52 | 21.54 | |
| 10 | 16QAM | 50 | 0 | 21.66 | 21.63 | 21.50 | |
| 10 | 64QAM | 1 | 0 | 21.73 | 21.62 | 21.68 | |
| 10 | 64QAM | 1 | 25 | 21.66 | 21.74 | 21.59 | 23 |
| 10 | 64QAM | 1 | 49 | 21.71 | 21.60 | 21.06 | |
| 10 | 64QAM | 25 | 0 | 20.22 | 20.60 | 20.61 | |
| 10 | 64QAM | 25 | 12 | 20.44 | 20.67 | 20.57 | 22 |
| 10 | 64QAM | 25 | 25 | 20.57 | 20.62 | 20.42 | |
| 10 | 64QAM | 50 | 0 | 20.62 | 20.59 | 20.51 | |
| 10 | 256QAM | 1 | 0 | 18.61 | 18.49 | 18.55 | |
| 10 | 256QAM | 1 | 25 | 18.49 | 18.47 | 18.47 | 20 |
| 10 | 256QAM | 1 | 49 | 18.48 | 18.51 | 18.30 | |
| 10 | 256QAM | 25 | 0 | 18.41 | 18.45 | 18.43 | |
| 10 | 256QAM | 25 | 12 | 18.48 | 18.45 | 18.30 | 20 |
| 10 | 256QAM | 25 | 25 | 18.35 | 18.40 | 18.42 | |
| 10 | 256QAM | 50 | 0 | 18.45 | 18.41 | 18.37 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.53 | 23.40 | 23.47 | |
| 5 | QPSK | 1 | 12 | 23.37 | 23.44 | 23.35 | 25 |
| 5 | QPSK | 1 | 24 | 23.50 | 23.42 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.60 | 22.55 | 22.57 | |
| 5 | QPSK | 12 | 7 | 22.57 | 22.56 | 22.53 | 24 |
| 5 | QPSK | 12 | 13 | 22.60 | 22.52 | 22.56 | |
| 5 | QPSK | 25 | 0 | 22.62 | 22.64 | 22.48 | |
| 5 | 16QAM | 1 | 0 | 22.87 | 22.78 | 22.74 | |
| 5 | 16QAM | 1 | 12 | 22.73 | 22.70 | 22.72 | 24 |
| 5 | 16QAM | 1 | 24 | 22.64 | 22.67 | 22.56 | |
| 5 | 16QAM | 12 | 0 | 21.57 | 21.58 | 21.49 | |
| 5 | 16QAM | 12 | 7 | 21.55 | 21.61 | 21.47 | 23 |
| 5 | 16QAM | 12 | 13 | 21.55 | 21.60 | 21.53 | |
| 5 | 16QAM | 25 | 0 | 21.64 | 21.54 | 21.57 | |
| 5 | 64QAM | 1 | 0 | 21.72 | 21.60 | 21.63 | |
| 5 | 64QAM | 1 | 12 | 21.69 | 21.71 | 21.68 | 23 |
| 5 | 64QAM | 1 | 24 | 21.71 | 21.59 | 21.06 | |
| 5 | 64QAM | 12 | 0 | 20.20 | 20.54 | 20.57 | |
| 5 | 64QAM | 12 | 7 | 20.46 | 20.60 | 20.52 | 22 |
| 5 | 64QAM | 12 | 13 | 20.60 | 20.67 | 20.40 | |
| 5 | 64QAM | 25 | 0 | 20.65 | 20.57 | 20.57 | |
| 5 | 256QAM | 1 | 0 | 18.54 | 18.51 | 18.51 | |
| 5 | 256QAM | 1 | 12 | 18.56 | 18.48 | 18.42 | 20 |
| 5 | 256QAM | 1 | 24 | 18.49 | 18.55 | 18.30 | |
| 5 | 256QAM | 12 | 0 | 18.40 | 18.41 | 18.40 | |
| 5 | 256QAM | 12 | 7 | 18.45 | 18.39 | 18.29 | 20 |
| 5 | 256QAM | 12 | 13 | 18.27 | 18.41 | 18.38 | |
| 5 | 256QAM | 25 | 0 | 18.46 | 18.43 | 18.36 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.47 | 23.44 | 23.46 | |
| 3 | QPSK | 1 | 8 | 23.41 | 23.46 | 23.34 | 25 |
| 3 | QPSK | 1 | 14 | 23.51 | 23.44 | 23.27 | |
| 3 | QPSK | 8 | 0 | 22.62 | 22.59 | 22.49 | |
| 3 | QPSK | 8 | 4 | 22.62 | 22.58 | 22.50 | 24 |
| 3 | QPSK | 8 | 7 | 22.56 | 22.56 | 22.56 | |
| 3 | QPSK | 15 | 0 | 22.60 | 22.54 | 22.51 | |
| 3 | 16QAM | 1 | 0 | 22.77 | 22.77 | 22.72 | |
| 3 | 16QAM | 1 | 8 | 22.78 | 22.69 | 22.70 | 24 |
| 3 | 16QAM | 1 | 14 | 22.71 | 22.66 | 22.62 | |
| 3 | 16QAM | 8 | 0 | 21.54 | 21.57 | 21.56 | |
| 3 | 16QAM | 8 | 4 | 21.54 | 21.62 | 21.52 | 23 |
| 3 | 16QAM | 8 | 7 | 21.51 | 21.54 | 21.52 | |
| 3 | 16QAM | 15 | 0 | 21.64 | 21.56 | 21.53 | |
| 3 | 64QAM | 1 | 0 | 21.65 | 21.55 | 21.68 | |
| 3 | 64QAM | 1 | 8 | 21.69 | 21.73 | 21.63 | 23 |
| 3 | 64QAM | 1 | 14 | 21.73 | 21.63 | 21.06 | |
| 3 | 64QAM | 8 | 0 | 20.20 | 20.58 | 20.60 | |
| 3 | 64QAM | 8 | 4 | 20.44 | 20.63 | 20.53 | 22 |
| 3 | 64QAM | 8 | 7 | 20.62 | 20.62 | 20.39 | |
| 3 | 64QAM | 15 | 0 | 20.61 | 20.65 | 20.58 | |
| 3 | 256QAM | 1 | 0 | 18.57 | 18.49 | 18.56 | |
| 3 | 256QAM | 1 | 8 | 18.59 | 18.49 | 18.48 | 20 |
| 3 | 256QAM | 1 | 14 | 18.41 | 18.56 | 18.36 | |
| 3 | 256QAM | 8 | 0 | 18.44 | 18.50 | 18.45 | |
| 3 | 256QAM | 8 | 4 | 18.46 | 18.43 | 18.33 | 20 |
| 3 | 256QAM | 8 | 7 | 18.35 | 18.36 | 18.32 | |
| 3 | 256QAM | 15 | 0 | 18.46 | 18.46 | 18.33 | |
| Channel | | | | 26707 | 26865 | 27023 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.57 | 23.42 | 23.41 | |
| 1.4 | QPSK | 1 | 3 | 23.58 | 23.54 | 23.40 | |
| 1.4 | QPSK | 1 | 5 | 23.53 | 23.44 | 23.31 | 25 |
| 1.4 | QPSK | 3 | 0 | 23.59 | 23.45 | 23.41 | |
| 1.4 | QPSK | 3 | 1 | 23.57 | 23.52 | 23.46 | |
| 1.4 | QPSK | 3 | 3 | 23.59 | 23.49 | 23.44 | |
| 1.4 | QPSK | 6 | 0 | 22.67 | 22.57 | 22.46 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.92 | 22.82 | 22.69 | |
| 1.4 | 16QAM | 1 | 3 | 22.95 | 22.84 | 22.74 | |
| 1.4 | 16QAM | 1 | 5 | 22.88 | 22.74 | 22.67 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.70 | 22.57 | 22.49 | |
| 1.4 | 16QAM | 3 | 1 | 22.77 | 22.62 | 22.52 | |
| 1.4 | 16QAM | 3 | 3 | 22.66 | 22.60 | 22.44 | |
| 1.4 | 16QAM | 6 | 0 | 21.71 | 21.65 | 21.51 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.44 | 21.74 | 21.02 | |
| 1.4 | 64QAM | 1 | 3 | 21.49 | 21.82 | 21.08 | |
| 1.4 | 64QAM | 1 | 5 | 21.44 | 21.74 | 21.02 | 23 |
| 1.4 | 64QAM | 3 | 0 | 21.45 | 21.68 | 21.00 | |
| 1.4 | 64QAM | 3 | 1 | 21.51 | 21.73 | 21.08 | |
| 1.4 | 64QAM | 3 | 3 | 21.44 | 21.71 | 21.07 | |
| 1.4 | 64QAM | 6 | 0 | 20.27 | 20.61 | 20.00 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.63 | 18.51 | 18.55 | |
| 1.4 | 256QAM | 1 | 3 | 18.56 | 18.47 | 18.59 | |
| 1.4 | 256QAM | 1 | 5 | 18.41 | 18.47 | 18.35 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.46 | 18.46 | 18.49 | |
| 1.4 | 256QAM | 3 | 1 | 18.38 | 18.44 | 18.30 | |
| 1.4 | 256QAM | 3 | 3 | 18.30 | 18.35 | 18.39 | |
| 1.4 | 256QAM | 6 | 0 | 18.44 | 18.43 | 18.38 | 20 |

**Band 30_Ant 0**

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | | 27710 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | QPSK | 1 | 0 | | 23.87 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 23.88 | | |
| 10 | QPSK | 1 | 49 | | 23.85 | | |
| 10 | QPSK | 25 | 0 | | 22.90 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 22.94 | | |
| 10 | QPSK | 25 | 25 | | 22.96 | | |
| 10 | QPSK | 50 | 0 | | 22.94 | | |
| 10 | 16QAM | 1 | 0 | | 23.21 | | 24.7 |
| 10 | 16QAM | 1 | 25 | | 23.25 | | |
| 10 | 16QAM | 1 | 49 | | 23.23 | | |
| 10 | 16QAM | 25 | 0 | | 21.88 | | 23.7 |
| 10 | 16QAM | 25 | 12 | | 21.97 | | |
| 10 | 16QAM | 25 | 25 | | 21.94 | | |
| 10 | 16QAM | 50 | 0 | | 21.93 | | |
| 10 | 64QAM | 1 | 0 | | 22.09 | | 23.7 |
| 10 | 64QAM | 1 | 25 | | 22.17 | | |
| 10 | 64QAM | 1 | 49 | | 22.02 | | |
| 10 | 64QAM | 25 | 0 | | 20.92 | | 22.7 |
| 10 | 64QAM | 25 | 12 | | 21.02 | | |
| 10 | 64QAM | 25 | 25 | | 20.95 | | |
| 10 | 64QAM | 50 | 0 | | 20.98 | | |
| 10 | 256QAM | 1 | 0 | | 19.20 | | 20.7 |
| 10 | 256QAM | 1 | 25 | | 19.29 | | |
| 10 | 256QAM | 1 | 49 | | 19.13 | | |
| 10 | 256QAM | 25 | 0 | | 18.96 | | 20.7 |
| 10 | 256QAM | 25 | 12 | | 19.06 | | |
| 10 | 256QAM | 25 | 25 | | 19.03 | | |
| 10 | 256QAM | 50 | 0 | | 19.03 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 23.75 | 23.79 | 23.86 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.82 | 23.86 | 23.80 | |
| 5 | QPSK | 1 | 24 | 23.85 | 23.87 | 23.79 | |
| 5 | QPSK | 12 | 0 | 22.87 | 22.89 | 22.94 | 24.7 |
| 5 | QPSK | 12 | 7 | 22.99 | 22.94 | 22.98 | |
| 5 | QPSK | 12 | 13 | 22.99 | 22.93 | 22.96 | |
| 5 | QPSK | 25 | 0 | 22.97 | 22.94 | 22.99 | |
| 5 | 16QAM | 1 | 0 | 23.07 | 23.10 | 23.17 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.18 | 23.17 | 23.19 | |
| 5 | 16QAM | 1 | 24 | 23.24 | 23.18 | 23.25 | |
| 5 | 16QAM | 12 | 0 | 21.88 | 21.93 | 21.95 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.01 | 21.98 | 22.00 | |
| 5 | 16QAM | 12 | 13 | 22.01 | 21.95 | 21.98 | |
| 5 | 16QAM | 25 | 0 | 21.96 | 21.94 | 21.94 | |
| 5 | 64QAM | 1 | 0 | 22.03 | 22.08 | 21.87 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.14 | 21.97 | |
| 5 | 64QAM | 1 | 24 | 22.16 | 22.09 | 21.83 | |
| 5 | 64QAM | 12 | 0 | 20.94 | 20.96 | 20.93 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.05 | 21.02 | 20.96 | |
| 5 | 64QAM | 12 | 13 | 21.05 | 20.96 | 20.95 | |
| 5 | 64QAM | 25 | 0 | 21.01 | 21.00 | 20.81 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.19 | 19.18 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.21 | 19.19 | 19.22 | |
| 5 | 256QAM | 1 | 24 | 19.08 | 19.05 | 19.05 | |
| 5 | 256QAM | 12 | 0 | 18.93 | 18.86 | 18.90 | 20.7 |
| 5 | 256QAM | 12 | 7 | 18.99 | 19.06 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 19.03 | 18.93 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 19.03 | 18.96 | 19.01 | |

## Band 66_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 23.52 | 23.54 | 23.45 | 25.1 |
| 20 | QPSK | 1 | 49 | 23.41 | 23.42 | 23.30 | |
| 20 | QPSK | 1 | 99 | 23.36 | 23.37 | 23.22 | |
| 20 | QPSK | 50 | 0 | 22.94 | 22.95 | 22.84 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.96 | 22.97 | 22.91 | |
| 20 | QPSK | 50 | 50 | 22.91 | 22.94 | 22.81 | |
| 20 | QPSK | 100 | 0 | 22.95 | 22.88 | 22.89 | |
| 20 | 16QAM | 1 | 0 | 23.24 | 23.29 | 23.20 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.13 | 23.19 | 23.04 | |
| 20 | 16QAM | 1 | 99 | 23.12 | 23.08 | 22.89 | |
| 20 | 16QAM | 50 | 0 | 21.93 | 21.95 | 21.87 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.00 | 21.94 | 21.90 | |
| 20 | 16QAM | 50 | 50 | 21.92 | 21.93 | 21.82 | |
| 20 | 16QAM | 100 | 0 | 21.95 | 21.91 | 21.89 | |
| 20 | 64QAM | 1 | 0 | 22.01 | 22.12 | 22.05 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.04 | 22.05 | 21.70 | |
| 20 | 64QAM | 1 | 99 | 22.00 | 22.02 | 21.92 | |
| 20 | 64QAM | 50 | 0 | 20.95 | 20.98 | 20.89 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.01 | 20.95 | 20.76 | |
| 20 | 64QAM | 50 | 50 | 20.97 | 20.97 | 20.85 | |
| 20 | 64QAM | 100 | 0 | 20.98 | 20.92 | 20.91 | |
| 20 | 256QAM | 1 | 0 | 18.81 | 18.98 | 18.89 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.97 | 18.94 | 18.83 | |
| 20 | 256QAM | 1 | 99 | 18.98 | 19.08 | 18.99 | |
| 20 | 256QAM | 50 | 0 | 18.80 | 18.80 | 18.82 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.80 | 18.82 | 18.92 | |
| 20 | 256QAM | 50 | 50 | 18.90 | 18.91 | 18.81 | |
| 20 | 256QAM | 100 | 0 | 18.89 | 18.83 | 18.89 | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.45 | 23.47 | 23.35 | 25.1 |
| 15 | QPSK | 1 | 37 | 23.38 | 23.41 | 23.23 | |
| 15 | QPSK | 1 | 74 | 23.35 | 23.36 | 23.18 | |
| 15 | QPSK | 36 | 0 | 22.90 | 22.93 | 22.79 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.94 | 22.89 | 22.84 | |
| 15 | QPSK | 36 | 39 | 22.85 | 22.94 | 22.77 | |
| 15 | QPSK | 75 | 0 | 22.90 | 22.88 | 22.83 | |
| 15 | 16QAM | 1 | 0 | 23.15 | 23.24 | 23.11 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.12 | 23.12 | 22.96 | |
| 15 | 16QAM | 1 | 74 | 23.06 | 23.04 | 22.85 | |
| 15 | 16QAM | 36 | 0 | 21.83 | 21.86 | 21.78 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.99 | 21.90 | 21.90 | |
| 15 | 16QAM | 36 | 39 | 21.85 | 21.90 | 21.72 | |
| 15 | 16QAM | 75 | 0 | 21.89 | 21.91 | 21.86 | |
| 15 | 64QAM | 1 | 0 | 22.01 | 22.06 | 21.97 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.95 | 21.95 | 21.69 | |
| 15 | 64QAM | 1 | 74 | 22.00 | 21.93 | 21.86 | |
| 15 | 64QAM | 36 | 0 | 20.94 | 20.88 | 20.89 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.00 | 20.91 | 20.75 | |
| 15 | 64QAM | 36 | 39 | 20.94 | 20.94 | 20.84 | |
| 15 | 64QAM | 75 | 0 | 20.94 | 20.82 | 20.81 | |
| 15 | 256QAM | 1 | 0 | 18.77 | 18.97 | 18.84 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.95 | 18.93 | 18.79 | |
| 15 | 256QAM | 1 | 74 | 18.93 | 18.98 | 18.91 | |
| 15 | 256QAM | 36 | 0 | 18.70 | 18.76 | 18.76 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.75 | 18.72 | 18.91 | |
| 15 | 256QAM | 36 | 39 | 18.80 | 18.88 | 18.76 | |
| 15 | 256QAM | 75 | 0 | 18.85 | 18.74 | 18.88 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.48 | 23.49 | 23.40 | 25.1 |
| 10 | QPSK | 1 | 25 | 23.37 | 23.41 | 23.22 | |
| 10 | QPSK | 1 | 49 | 23.35 | 23.31 | 23.12 | |
| 10 | QPSK | 25 | 0 | 22.93 | 22.92 | 22.83 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.98 | 22.84 | 22.84 | |
| 10 | QPSK | 25 | 25 | 22.89 | 22.92 | 22.79 | |
| 10 | QPSK | 50 | 0 | 22.85 | 22.88 | 22.84 | |
| 10 | 16QAM | 1 | 0 | 23.16 | 23.27 | 23.12 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.11 | 23.09 | 22.99 | |
| 10 | 16QAM | 1 | 49 | 23.11 | 23.05 | 22.86 | |
| 10 | 16QAM | 25 | 0 | 21.91 | 21.92 | 21.79 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.96 | 21.92 | 21.80 | |
| 10 | 16QAM | 25 | 25 | 21.90 | 21.86 | 21.78 | |
| 10 | 16QAM | 50 | 0 | 21.85 | 21.91 | 21.83 | |
| 10 | 64QAM | 1 | 0 | 21.96 | 22.07 | 21.95 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.01 | 21.97 | 21.70 | |
| 10 | 64QAM | 1 | 49 | 21.90 | 21.97 | 21.90 | |
| 10 | 64QAM | 25 | 0 | 20.85 | 20.93 | 20.79 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.98 | 20.86 | 20.74 | |
| 10 | 64QAM | 25 | 25 | 20.93 | 20.95 | 20.85 | |
| 10 | 64QAM | 50 | 0 | 20.97 | 20.89 | 20.86 | |
| 10 | 256QAM | 1 | 0 | 18.80 | 18.95 | 18.82 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.93 | 18.87 | 18.77 | |
| 10 | 256QAM | 1 | 49 | 18.91 | 19.07 | 18.91 | |
| 10 | 256QAM | 25 | 0 | 18.80 | 18.73 | 18.72 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.71 | 18.78 | 18.86 | |
| 10 | 256QAM | 25 | 25 | 18.83 | 18.91 | 18.76 | |
| 10 | 256QAM | 50 | 0 | 18.88 | 18.73 | 18.83 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.50 | 23.49 | 23.45 | 25.1 |
| 5 | QPSK | 1 | 12 | 23.35 | 23.35 | 23.28 | |
| 5 | QPSK | 1 | 24 | 23.30 | 23.36 | 23.15 | |
| 5 | QPSK | 12 | 0 | 22.94 | 22.91 | 22.77 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.96 | 22.88 | 22.84 | |
| 5 | QPSK | 12 | 13 | 22.90 | 22.85 | 22.81 | |
| 5 | QPSK | 25 | 0 | 22.86 | 22.78 | 22.86 | |
| 5 | 16QAM | 1 | 0 | 23.24 | 23.22 | 23.19 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.12 | 23.10 | 23.04 | |
| 5 | 16QAM | 1 | 24 | 23.09 | 22.98 | 22.86 | |
| 5 | 16QAM | 12 | 0 | 21.84 | 21.95 | 21.83 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.00 | 21.90 | 21.88 | |
| 5 | 16QAM | 12 | 13 | 21.86 | 21.83 | 21.75 | |
| 5 | 16QAM | 25 | 0 | 21.94 | 21.84 | 21.82 | |
| 5 | 64QAM | 1 | 0 | 21.96 | 22.07 | 22.00 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.94 | 22.03 | 21.66 | |
| 5 | 64QAM | 1 | 24 | 21.91 | 21.94 | 21.92 | |
| 5 | 64QAM | 12 | 0 | 20.93 | 20.94 | 20.81 | 22.5 |
| 5 | 64QAM | 12 | 7 | 20.97 | 20.86 | 20.75 | |
| 5 | 64QAM | 12 | 13 | 20.97 | 20.92 | 20.76 | |
| 5 | 64QAM | 25 | 0 | 20.95 | 20.90 | 20.82 | |
| 5 | 256QAM | 1 | 0 | 18.80 | 18.98 | 18.89 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.94 | 18.87 | 18.78 | |
| 5 | 256QAM | 1 | 24 | 18.90 | 18.90 | 18.91 | |
| 5 | 256QAM | 12 | 0 | 18.70 | 18.70 | 18.80 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.70 | 18.79 | 18.85 | |
| 5 | 256QAM | 12 | 13 | 18.81 | 18.86 | 18.79 | |
| 5 | 256QAM | 25 | 0 | 18.88 | 18.73 | 18.89 | |
| Channel | | | | 131972 | 132322 | 132672 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.51 | 23.51 | 23.45 | 25.1 |
| 3 | QPSK | 1 | 8 | 23.33 | 23.36 | 23.21 | |
| 3 | QPSK | 1 | 14 | 23.29 | 23.30 | 23.17 | |
| 3 | QPSK | 8 | 0 | 22.91 | 22.91 | 22.77 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.90 | 22.93 | 22.83 | |
| 3 | QPSK | 8 | 7 | 22.91 | 22.84 | 22.78 | |
| 3 | QPSK | 15 | 0 | 22.86 | 22.85 | 22.81 | |
| 3 | 16QAM | 1 | 0 | 23.17 | 23.24 | 23.17 | 24.5 |
| 3 | 16QAM | 1 | 8 | 23.03 | 23.09 | 23.04 | |
| 3 | 16QAM | 1 | 14 | 23.06 | 23.05 | 22.82 | |
| 3 | 16QAM | 8 | 0 | 21.88 | 21.90 | 21.80 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.94 | 21.94 | 21.81 | |
| 3 | 16QAM | 8 | 7 | 21.88 | 21.90 | 21.76 | |
| 3 | 16QAM | 15 | 0 | 21.95 | 21.81 | 21.87 | |
| 3 | 64QAM | 1 | 0 | 21.98 | 22.11 | 22.03 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.95 | 21.96 | 21.63 | |
| 3 | 64QAM | 1 | 14 | 21.98 | 22.01 | 21.84 | |
| 3 | 64QAM | 8 | 0 | 20.90 | 20.98 | 20.89 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.94 | 20.87 | 20.72 | |
| 3 | 64QAM | 8 | 7 | 20.95 | 20.97 | 20.81 | |
| 3 | 64QAM | 15 | 0 | 20.89 | 20.91 | 20.82 | |
| 3 | 256QAM | 1 | 0 | 18.79 | 18.93 | 18.86 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.97 | 18.94 | 18.78 | |
| 3 | 256QAM | 1 | 14 | 18.98 | 19.02 | 18.93 | |
| 3 | 256QAM | 8 | 0 | 18.78 | 18.74 | 18.78 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.74 | 18.81 | 18.84 | |
| 3 | 256QAM | 8 | 7 | 18.80 | 18.91 | 18.75 | |
| 3 | 256QAM | 15 | 0 | 18.89 | 18.83 | 18.79 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.35 | 23.38 | 23.23 | 25.1 |
| 1.4 | QPSK | 1 | 3 | 23.41 | 23.41 | 23.25 | |
| 1.4 | QPSK | 1 | 5 | 23.35 | 23.36 | 23.22 | |
| 1.4 | QPSK | 3 | 0 | 23.42 | 23.44 | 23.23 | |
| 1.4 | QPSK | 3 | 1 | 23.43 | 23.45 | 23.30 | |
| 1.4 | QPSK | 3 | 3 | 23.38 | 23.44 | 23.23 | |
| 1.4 | QPSK | 6 | 0 | 22.89 | 22.87 | 22.72 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 23.07 | 23.11 | 22.95 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 23.18 | 23.15 | 23.00 | |
| 1.4 | 16QAM | 1 | 5 | 23.09 | 23.10 | 22.96 | |
| 1.4 | 16QAM | 3 | 0 | 22.88 | 22.91 | 22.73 | |
| 1.4 | 16QAM | 3 | 1 | 22.95 | 22.96 | 22.78 | |
| 1.4 | 16QAM | 3 | 3 | 22.86 | 22.90 | 22.74 | |
| 1.4 | 16QAM | 6 | 0 | 21.92 | 21.94 | 21.79 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.85 | 22.03 | 21.88 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.92 | 22.12 | 21.96 | |
| 1.4 | 64QAM | 1 | 5 | 21.86 | 22.05 | 21.86 | |
| 1.4 | 64QAM | 3 | 0 | 21.84 | 22.02 | 21.85 | |
| 1.4 | 64QAM | 3 | 1 | 22.01 | 22.07 | 21.89 | |
| 1.4 | 64QAM | 3 | 3 | 21.97 | 22.01 | 21.84 | |
| 1.4 | 64QAM | 6 | 0 | 20.78 | 20.88 | 20.72 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.79 | 18.95 | 18.83 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.94 | 18.94 | 18.83 | |
| 1.4 | 256QAM | 1 | 5 | 18.91 | 19.03 | 18.95 | |
| 1.4 | 256QAM | 3 | 0 | 18.74 | 18.70 | 18.74 | |
| 1.4 | 256QAM | 3 | 1 | 18.71 | 18.77 | 18.85 | |
| 1.4 | 256QAM | 3 | 3 | 18.89 | 18.81 | 18.74 | |
| 1.4 | 256QAM | 6 | 0 | 18.86 | 18.74 | 18.87 | 20.5 |

## Band 71_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 133222 | 133322 | 133372 | |
| Frequency (MHz) | | | | 673 | 683 | 688 | |
| 20 | QPSK | 1 | 0 | 23.48 | 23.49 | 23.37 | 25 |
| 20 | QPSK | 1 | 49 | 23.42 | 23.41 | 23.37 | |
| 20 | QPSK | 1 | 99 | 23.35 | 23.39 | 23.35 | |
| 20 | QPSK | 50 | 0 | 22.57 | 22.58 | 22.46 | 24 |
| 20 | QPSK | 50 | 24 | 22.54 | 22.49 | 22.48 | |
| 20 | QPSK | 50 | 50 | 22.56 | 22.51 | 22.50 | |
| 20 | QPSK | 100 | 0 | 22.51 | 22.52 | 22.46 | |
| 20 | 16QAM | 1 | 0 | 22.86 | 22.82 | 22.74 | 24 |
| 20 | 16QAM | 1 | 49 | 22.77 | 22.77 | 22.76 | |
| 20 | 16QAM | 1 | 99 | 22.71 | 22.72 | 22.71 | |
| 20 | 16QAM | 50 | 0 | 21.58 | 21.53 | 21.48 | 23 |
| 20 | 16QAM | 50 | 24 | 21.61 | 21.51 | 21.49 | |
| 20 | 16QAM | 50 | 50 | 21.58 | 21.53 | 21.50 | |
| 20 | 16QAM | 100 | 0 | 21.59 | 21.48 | 21.46 | |
| 20 | 64QAM | 1 | 0 | 21.73 | 21.67 | 21.63 | 23 |
| 20 | 64QAM | 1 | 49 | 21.66 | 21.60 | 21.56 | |
| 20 | 64QAM | 1 | 99 | 21.59 | 21.63 | 21.60 | |
| 20 | 64QAM | 50 | 0 | 20.50 | 20.56 | 20.47 | 22 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.54 | 20.51 | |
| 20 | 64QAM | 50 | 50 | 20.60 | 20.56 | 20.53 | |
| 20 | 64QAM | 100 | 0 | 20.61 | 20.52 | 20.49 | |
| 20 | 256QAM | 1 | 0 | 18.58 | 18.44 | 18.57 | 20 |
| 20 | 256QAM | 1 | 49 | 18.57 | 18.32 | 18.46 | |
| 20 | 256QAM | 1 | 99 | 18.46 | 18.45 | 18.49 | |
| 20 | 256QAM | 50 | 0 | 18.47 | 18.43 | 18.39 | 20 |
| 20 | 256QAM | 50 | 24 | 18.41 | 18.38 | 18.29 | |
| 20 | 256QAM | 50 | 50 | 18.35 | 18.35 | 18.27 | |
| 20 | 256QAM | 100 | 0 | 18.43 | 18.36 | 18.29 | |
| Channel | | | | 133197 | 133297 | 133397 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 23.41 | 23.46 | 23.29 | 25 |
| 15 | QPSK | 1 | 37 | 23.40 | 23.37 | 23.35 | |
| 15 | QPSK | 1 | 74 | 23.25 | 23.32 | 23.27 | |
| 15 | QPSK | 36 | 0 | 22.49 | 22.48 | 22.41 | 24 |
| 15 | QPSK | 36 | 20 | 22.50 | 22.45 | 22.40 | |
| 15 | QPSK | 36 | 39 | 22.47 | 22.41 | 22.44 | |
| 15 | QPSK | 75 | 0 | 22.47 | 22.45 | 22.42 | |
| 15 | 16QAM | 1 | 0 | 22.80 | 22.82 | 22.71 | 24 |
| 15 | 16QAM | 1 | 37 | 22.75 | 22.67 | 22.69 | |
| 15 | 16QAM | 1 | 74 | 22.68 | 22.70 | 22.70 | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.53 | 21.44 | 23 |
| 15 | 16QAM | 36 | 20 | 21.56 | 21.42 | 21.44 | |
| 15 | 16QAM | 36 | 39 | 21.48 | 21.51 | 21.45 | |
| 15 | 16QAM | 75 | 0 | 21.53 | 21.41 | 21.44 | |
| 15 | 64QAM | 1 | 0 | 21.65 | 21.57 | 21.62 | 23 |
| 15 | 64QAM | 1 | 37 | 21.56 | 21.51 | 21.55 | |
| 15 | 64QAM | 1 | 74 | 21.50 | 21.58 | 21.60 | |
| 15 | 64QAM | 36 | 0 | 20.47 | 20.49 | 20.42 | 22 |
| 15 | 64QAM | 36 | 20 | 20.62 | 20.54 | 20.50 | |
| 15 | 64QAM | 36 | 39 | 20.52 | 20.54 | 20.50 | |
| 15 | 64QAM | 75 | 0 | 20.58 | 20.48 | 20.49 | |
| 15 | 256QAM | 1 | 0 | 18.53 | 18.40 | 18.55 | 20 |
| 15 | 256QAM | 1 | 37 | 18.52 | 18.31 | 18.43 | |
| 15 | 256QAM | 1 | 74 | 18.45 | 18.35 | 18.47 | |
| 15 | 256QAM | 36 | 0 | 18.43 | 18.40 | 18.34 | 20 |
| 15 | 256QAM | 36 | 20 | 18.38 | 18.35 | 18.23 | |
| 15 | 256QAM | 36 | 39 | 18.29 | 18.30 | 18.22 | |
| 15 | 256QAM | 75 | 0 | 18.39 | 18.33 | 18.19 | |
| Channel | | | | 133172 | 133272 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 678 | 693 | |
| 10 | QPSK | 1 | 0 | 23.40 | 23.48 | 23.35 | 25 |
| 10 | QPSK | 1 | 25 | 23.40 | 23.38 | 23.34 | |
| 10 | QPSK | 1 | 49 | 23.25 | 23.34 | 23.34 | |
| 10 | QPSK | 25 | 0 | 22.57 | 22.53 | 22.39 | 24 |
| 10 | QPSK | 25 | 12 | 22.53 | 22.46 | 22.47 | |
| 10 | QPSK | 25 | 25 | 22.51 | 22.48 | 22.40 | |
| 10 | QPSK | 50 | 0 | 22.48 | 22.45 | 22.40 | |
| 10 | 16QAM | 1 | 0 | 22.85 | 22.82 | 22.70 | 24 |
| 10 | 16QAM | 1 | 25 | 22.67 | 22.69 | 22.76 | |
| 10 | 16QAM | 1 | 49 | 22.64 | 22.62 | 22.65 | |
| 10 | 16QAM | 25 | 0 | 21.52 | 21.52 | 21.39 | 23 |
| 10 | 16QAM | 25 | 12 | 21.58 | 21.51 | 21.46 | |
| 10 | 16QAM | 25 | 25 | 21.50 | 21.43 | 21.46 | |
| 10 | 16QAM | 50 | 0 | 21.54 | 21.48 | 21.40 | |
| 10 | 64QAM | 1 | 0 | 21.72 | 21.63 | 21.55 | 23 |
| 10 | 64QAM | 1 | 25 | 21.64 | 21.57 | 21.53 | |
| 10 | 64QAM | 1 | 49 | 21.49 | 21.55 | 21.59 | |
| 10 | 64QAM | 25 | 0 | 20.40 | 20.56 | 20.40 | 22 |
| 10 | 64QAM | 25 | 12 | 20.62 | 20.45 | 20.45 | |
| 10 | 64QAM | 25 | 25 | 20.58 | 20.53 | 20.51 | |
| 10 | 64QAM | 50 | 0 | 20.56 | 20.50 | 20.42 | |
| 10 | 256QAM | 1 | 0 | 18.49 | 18.39 | 18.52 | 20 |
| 10 | 256QAM | 1 | 25 | 18.47 | 18.24 | 18.41 | |
| 10 | 256QAM | 1 | 49 | 18.45 | 18.43 | 18.44 | |
| 10 | 256QAM | 25 | 0 | 18.38 | 18.40 | 18.32 | 20 |
| 10 | 256QAM | 25 | 12 | 18.34 | 18.28 | 18.23 | |
| 10 | 256QAM | 25 | 25 | 18.33 | 18.34 | 18.23 | |
| 10 | 256QAM | 50 | 0 | 18.41 | 18.28 | 18.23 | |
| Channel | | | | 133147 | 133247 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 675.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 23.41 | 23.45 | 23.31 | 25 |
| 5 | QPSK | 1 | 12 | 23.38 | 23.41 | 23.31 | |
| 5 | QPSK | 1 | 24 | 23.28 | 23.38 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.50 | 22.55 | 22.38 | 24 |
| 5 | QPSK | 12 | 7 | 22.45 | 22.43 | 22.39 | |
| 5 | QPSK | 12 | 13 | 22.50 | 22.44 | 22.46 | |
| 5 | QPSK | 25 | 0 | 22.43 | 22.44 | 22.42 | |
| 5 | 16QAM | 1 | 0 | 22.79 | 22.77 | 22.65 | 24 |
| 5 | 16QAM | 1 | 12 | 22.70 | 22.74 | 22.67 | |
| 5 | 16QAM | 1 | 24 | 22.62 | 22.69 | 22.62 | |
| 5 | 16QAM | 12 | 0 | 21.49 | 21.52 | 21.46 | 23 |
| 5 | 16QAM | 12 | 7 | 21.54 | 21.46 | 21.40 | |
| 5 | 16QAM | 12 | 13 | 21.49 | 21.48 | 21.49 | |
| 5 | 16QAM | 25 | 0 | 21.53 | 21.39 | 21.46 | |
| 5 | 64QAM | 1 | 0 | 21.73 | 21.60 | 21.58 | 23 |
| 5 | 64QAM | 1 | 12 | 21.62 | 21.58 | 21.55 | |
| 5 | 64QAM | 1 | 24 | 21.59 | 21.60 | 21.59 | |
| 5 | 64QAM | 12 | 0 | 20.46 | 20.47 | 20.43 | 22 |
| 5 | 64QAM | 12 | 7 | 20.61 | 20.53 | 20.49 | |
| 5 | 64QAM | 12 | 13 | 20.50 | 20.54 | 20.46 | |
| 5 | 64QAM | 25 | 0 | 20.59 | 20.52 | 20.47 | |
| 5 | 256QAM | 1 | 0 | 18.55 | 18.38 | 18.49 | 20 |
| 5 | 256QAM | 1 | 12 | 18.57 | 18.23 | 18.46 | |
| 5 | 256QAM | 1 | 24 | 18.42 | 18.41 | 18.48 | |
| 5 | 256QAM | 12 | 0 | 18.47 | 18.35 | 18.32 | 20 |
| 5 | 256QAM | 12 | 7 | 18.40 | 18.32 | 18.27 | |
| 5 | 256QAM | 12 | 13 | 18.30 | 18.26 | 18.20 | |
| 5 | 256QAM | 25 | 0 | 18.34 | 18.27 | 18.22 | |

## Band 2_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 22.87 | 22.87 | 23.17 | 24.4 |
| 20 | QPSK | 1 | 49 | 22.84 | 22.97 | 23.13 | |
| 20 | QPSK | 1 | 99 | 22.93 | 23.03 | 23.10 | |
| 20 | QPSK | 50 | 0 | 22.85 | 23.04 | 23.12 | 24.4 |
| 20 | QPSK | 50 | 24 | 23.04 | 23.06 | 23.18 | |
| 20 | QPSK | 50 | 50 | 23.01 | 23.18 | 23.26 | |
| 20 | QPSK | 100 | 0 | 23.02 | 23.03 | 23.19 | |
| 20 | 16QAM | 1 | 0 | 23.09 | 23.26 | 23.42 | 24.4 |
| 20 | 16QAM | 1 | 49 | 23.11 | 23.33 | 23.29 | |
| 20 | 16QAM | 1 | 99 | 23.25 | 23.33 | 23.36 | |
| 20 | 16QAM | 50 | 0 | 22.61 | 22.72 | 22.81 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.75 | 22.77 | 22.90 | |
| 20 | 16QAM | 50 | 50 | 22.79 | 22.92 | 22.97 | |
| 20 | 16QAM | 100 | 0 | 22.74 | 22.77 | 22.84 | |
| 20 | 64QAM | 1 | 0 | 23.00 | 22.80 | 22.98 | 23.7 |
| 20 | 64QAM | 1 | 49 | 23.04 | 22.79 | 21.80 | |
| 20 | 64QAM | 1 | 99 | 23.14 | 22.98 | 22.14 | |
| 20 | 64QAM | 50 | 0 | 21.64 | 21.81 | 21.22 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.76 | 21.83 | 21.09 | |
| 20 | 64QAM | 50 | 50 | 21.66 | 21.90 | 21.24 | |
| 20 | 64QAM | 100 | 0 | 21.67 | 21.76 | 21.13 | |
| 20 | 256QAM | 1 | 0 | 19.92 | 19.55 | 19.67 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.54 | 19.71 | 19.72 | |
| 20 | 256QAM | 1 | 99 | 19.86 | 19.76 | 19.80 | |
| 20 | 256QAM | 50 | 0 | 19.85 | 19.51 | 19.51 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.68 | 19.58 | 19.66 | |
| 20 | 256QAM | 50 | 50 | 19.61 | 19.73 | 19.75 | |
| 20 | 256QAM | 100 | 0 | 19.52 | 19.54 | 19.71 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 22.87 | 22.86 | 23.14 | 24.4 |
| 15 | QPSK | 1 | 37 | 22.80 | 22.89 | 23.10 | |
| 15 | QPSK | 1 | 74 | 22.84 | 23.01 | 23.01 | |
| 15 | QPSK | 36 | 0 | 22.80 | 22.95 | 23.12 | 24.4 |
| 15 | QPSK | 36 | 20 | 23.00 | 22.97 | 23.10 | |
| 15 | QPSK | 36 | 39 | 23.01 | 23.12 | 23.26 | |
| 15 | QPSK | 75 | 0 | 22.95 | 23.01 | 23.14 | |
| 15 | 16QAM | 1 | 0 | 22.99 | 23.26 | 23.35 | 24.4 |
| 15 | 16QAM | 1 | 37 | 23.03 | 23.27 | 23.22 | |
| 15 | 16QAM | 1 | 74 | 23.15 | 23.24 | 23.33 | |
| 15 | 16QAM | 36 | 0 | 22.58 | 22.71 | 22.78 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.71 | 22.73 | 22.82 | |
| 15 | 16QAM | 36 | 39 | 22.71 | 22.84 | 22.94 | |
| 15 | 16QAM | 75 | 0 | 22.74 | 22.69 | 22.82 | |
| 15 | 64QAM | 1 | 0 | 22.93 | 22.79 | 22.93 | 23.7 |
| 15 | 64QAM | 1 | 37 | 23.00 | 22.75 | 21.75 | |
| 15 | 64QAM | 1 | 74 | 23.10 | 22.90 | 22.07 | |
| 15 | 64QAM | 36 | 0 | 21.63 | 21.77 | 21.12 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.69 | 21.83 | 20.99 | |
| 15 | 64QAM | 36 | 39 | 21.66 | 21.83 | 21.15 | |
| 15 | 64QAM | 75 | 0 | 21.62 | 21.72 | 21.03 | |
| 15 | 256QAM | 1 | 0 | 19.87 | 19.47 | 19.64 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.50 | 19.64 | 19.66 | |
| 15 | 256QAM | 1 | 74 | 19.79 | 19.70 | 19.85 | |
| 15 | 256QAM | 36 | 0 | 19.81 | 19.44 | 19.44 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.61 | 19.56 | 19.60 | |
| 15 | 256QAM | 36 | 39 | 19.59 | 19.72 | 19.75 | |
| 15 | 256QAM | 75 | 0 | 19.50 | 19.52 | 19.63 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 22.83 | 22.81 | 23.13 | 24.4 |
| 10 | QPSK | 1 | 25 | 22.81 | 22.90 | 23.03 | |
| 10 | QPSK | 1 | 49 | 22.85 | 22.93 | 23.03 | |
| 10 | QPSK | 25 | 0 | 22.82 | 22.97 | 23.09 | 24.4 |
| 10 | QPSK | 25 | 12 | 23.00 | 22.98 | 23.11 | |
| 10 | QPSK | 25 | 25 | 23.01 | 23.10 | 23.20 | |
| 10 | QPSK | 50 | 0 | 22.95 | 22.95 | 23.15 | |
| 10 | 16QAM | 1 | 0 | 23.02 | 23.26 | 23.34 | 24.4 |
| 10 | 16QAM | 1 | 25 | 23.01 | 23.30 | 23.20 | |
| 10 | 16QAM | 1 | 49 | 23.21 | 23.33 | 23.35 | |
| 10 | 16QAM | 25 | 0 | 22.56 | 22.63 | 22.76 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.69 | 22.72 | 22.84 | |
| 10 | 16QAM | 25 | 25 | 22.76 | 22.82 | 22.89 | |
| 10 | 16QAM | 50 | 0 | 22.73 | 22.75 | 22.76 | |
| 10 | 64QAM | 1 | 0 | 22.97 | 22.73 | 22.96 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.99 | 22.69 | 21.72 | |
| 10 | 64QAM | 1 | 49 | 23.06 | 22.97 | 22.07 | |
| 10 | 64QAM | 25 | 0 | 21.55 | 21.71 | 21.17 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.76 | 21.78 | 21.09 | |
| 10 | 64QAM | 25 | 25 | 21.62 | 21.86 | 21.15 | |
| 10 | 64QAM | 50 | 0 | 21.60 | 21.70 | 21.04 | |
| 10 | 256QAM | 1 | 0 | 19.90 | 19.49 | 19.67 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.53 | 19.62 | 19.62 | |
| 10 | 256QAM | 1 | 49 | 19.85 | 19.69 | 19.85 | |
| 10 | 256QAM | 25 | 0 | 19.81 | 19.47 | 19.43 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.59 | 19.57 | 19.63 | |
| 10 | 256QAM | 25 | 25 | 19.51 | 19.65 | 19.71 | |
| 10 | 256QAM | 50 | 0 | 19.49 | 19.47 | 19.68 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 22.78 | 22.81 | 23.13 | 24.4 |
| 5 | QPSK | 1 | 12 | 22.77 | 22.94 | 23.00 | |
| 5 | QPSK | 1 | 24 | 22.91 | 22.93 | 23.09 | |
| 5 | QPSK | 12 | 0 | 22.82 | 23.01 | 23.05 | 24.4 |
| 5 | QPSK | 12 | 7 | 22.94 | 22.96 | 23.14 | |
| 5 | QPSK | 12 | 13 | 22.91 | 23.12 | 23.25 | |
| 5 | QPSK | 25 | 0 | 22.92 | 23.03 | 23.11 | |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.22 | 23.41 | 24.4 |
| 5 | 16QAM | 1 | 12 | 23.04 | 23.30 | 23.23 | |
| 5 | 16QAM | 1 | 24 | 23.19 | 23.27 | 23.31 | |
| 5 | 16QAM | 12 | 0 | 22.59 | 22.70 | 22.73 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.72 | 22.71 | 22.90 | |
| 5 | 16QAM | 12 | 13 | 22.74 | 22.90 | 22.96 | |
| 5 | 16QAM | 25 | 0 | 22.74 | 22.75 | 22.79 | |
| 5 | 64QAM | 1 | 0 | 22.99 | 22.72 | 22.86 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.95 | 22.78 | 21.76 | |
| 5 | 64QAM | 1 | 24 | 23.04 | 22.96 | 22.13 | |
| 5 | 64QAM | 12 | 0 | 21.62 | 21.72 | 21.15 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.74 | 21.83 | 21.00 | |
| 5 | 64QAM | 12 | 13 | 21.59 | 21.84 | 21.15 | |
| 5 | 64QAM | 25 | 0 | 21.65 | 21.66 | 21.09 | |
| 5 | 256QAM | 1 | 0 | 19.89 | 19.53 | 19.67 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.48 | 19.69 | 19.70 | |
| 5 | 256QAM | 1 | 24 | 19.81 | 19.69 | 19.79 | |
| 5 | 256QAM | 12 | 0 | 19.81 | 19.44 | 19.49 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.63 | 19.58 | 19.58 | |
| 5 | 256QAM | 12 | 13 | 19.59 | 19.66 | 19.75 | |
| 5 | 256QAM | 25 | 0 | 19.48 | 19.47 | 19.64 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 22.87 | 22.78 | 23.12 | 24.4 |
| 3 | QPSK | 1 | 8 | 22.76 | 22.87 | 23.08 | |
| 3 | QPSK | 1 | 14 | 22.92 | 22.96 | 23.07 | |
| 3 | QPSK | 8 | 0 | 22.83 | 23.02 | 23.03 | 24.4 |
| 3 | QPSK | 8 | 4 | 23.02 | 22.99 | 23.18 | |
| 3 | QPSK | 8 | 7 | 22.93 | 23.17 | 23.20 | |
| 3 | QPSK | 15 | 0 | 22.96 | 22.97 | 23.12 | |
| 3 | 16QAM | 1 | 0 | 23.08 | 23.22 | 23.40 | 24.4 |
| 3 | 16QAM | 1 | 8 | 23.01 | 23.24 | 23.27 | |
| 3 | 16QAM | 1 | 14 | 23.19 | 23.33 | 23.32 | |
| 3 | 16QAM | 8 | 0 | 22.59 | 22.66 | 22.74 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.66 | 22.67 | 22.80 | |
| 3 | 16QAM | 8 | 7 | 22.75 | 22.82 | 22.96 | |
| 3 | 16QAM | 15 | 0 | 22.68 | 22.69 | 22.84 | |
| 3 | 64QAM | 1 | 0 | 22.93 | 22.71 | 22.91 | 23.7 |
| 3 | 64QAM | 1 | 8 | 23.03 | 22.73 | 21.76 | |
| 3 | 64QAM | 1 | 14 | 23.07 | 22.90 | 22.06 | |
| 3 | 64QAM | 8 | 0 | 21.59 | 21.74 | 21.22 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.70 | 21.77 | 21.07 | |
| 3 | 64QAM | 8 | 7 | 21.62 | 21.87 | 21.20 | |
| 3 | 64QAM | 15 | 0 | 21.65 | 21.68 | 21.10 | |
| 3 | 256QAM | 1 | 0 | 19.84 | 19.46 | 19.65 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.51 | 19.67 | 19.64 | |
| 3 | 256QAM | 1 | 14 | 19.82 | 19.68 | 19.80 | |
| 3 | 256QAM | 8 | 0 | 19.85 | 19.42 | 19.48 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.58 | 19.57 | 19.64 | |
| 3 | 256QAM | 8 | 7 | 19.59 | 19.70 | 19.75 | |
| 3 | 256QAM | 15 | 0 | 19.50 | 19.54 | 19.71 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 22.79 | 22.92 | 22.97 | 24.4 |
| 1.4 | QPSK | 1 | 3 | 22.88 | 22.99 | 23.10 | |
| 1.4 | QPSK | 1 | 5 | 22.81 | 22.93 | 23.03 | |
| 1.4 | QPSK | 3 | 0 | 22.80 | 22.92 | 23.07 | |
| 1.4 | QPSK | 3 | 1 | 22.87 | 23.02 | 23.07 | |
| 1.4 | QPSK | 3 | 3 | 22.82 | 22.97 | 23.07 | |
| 1.4 | QPSK | 6 | 0 | 22.84 | 22.97 | 23.11 | 24.4 |
| 1.4 | 16QAM | 1 | 0 | 22.98 | 23.14 | 23.27 | 24.4 |
| 1.4 | 16QAM | 1 | 3 | 23.09 | 23.21 | 23.32 | |
| 1.4 | 16QAM | 1 | 5 | 22.98 | 23.14 | 23.24 | |
| 1.4 | 16QAM | 3 | 0 | 22.86 | 23.02 | 23.16 | |
| 1.4 | 16QAM | 3 | 1 | 22.89 | 23.13 | 23.22 | |
| 1.4 | 16QAM | 3 | 3 | 22.85 | 23.10 | 23.13 | |
| 1.4 | 16QAM | 6 | 0 | 22.54 | 22.71 | 22.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.54 | 22.72 | 22.25 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.66 | 22.86 | 22.34 | |
| 1.4 | 64QAM | 1 | 5 | 22.61 | 22.79 | 22.29 | |
| 1.4 | 64QAM | 3 | 0 | 22.55 | 22.70 | 22.38 | |
| 1.4 | 64QAM | 3 | 1 | 22.59 | 22.81 | 22.39 | |
| 1.4 | 64QAM | 3 | 3 | 22.56 | 22.72 | 22.34 | |
| 1.4 | 64QAM | 6 | 0 | 21.59 | 21.68 | 21.40 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.77 | 19.41 | 19.61 | 21.1 |
| 1.4 | 256QAM | 1 | 3 | 19.50 | 19.60 | 19.54 | |
| 1.4 | 256QAM | 1 | 5 | 19.73 | 19.62 | 19.70 | |
| 1.4 | 256QAM | 3 | 0 | 19.80 | 19.41 | 19.41 | |
| 1.4 | 256QAM | 3 | 1 | 19.48 | 19.50 | 19.55 | |
| 1.4 | 256QAM | 3 | 3 | 19.54 | 19.70 | 19.71 | |
| 1.4 | 256QAM | 6 | 0 | 19.45 | 19.44 | 19.67 | 21.1 |

## Band 4_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 23.64 | 23.69 | 23.67 | |
| 20 | QPSK | 1 | 49 | 23.50 | 23.63 | 23.48 | 24 |
| 20 | QPSK | 1 | 99 | 23.68 | 23.64 | 23.64 | |
| 20 | QPSK | 50 | 0 | 22.87 | 22.93 | 22.84 | |
| 20 | QPSK | 50 | 24 | 22.95 | 22.88 | 22.75 | 24 |
| 20 | QPSK | 50 | 50 | 22.94 | 22.88 | 22.88 | |
| 20 | QPSK | 100 | 0 | 22.97 | 22.93 | 22.88 | |
| 20 | 16QAM | 1 | 0 | 23.49 | 23.54 | 23.50 | |
| 20 | 16QAM | 1 | 49 | 23.40 | 23.50 | 23.40 | 24 |
| 20 | 16QAM | 1 | 99 | 23.41 | 23.46 | 23.44 | |
| 20 | 16QAM | 50 | 0 | 22.90 | 22.92 | 22.81 | |
| 20 | 16QAM | 50 | 24 | 22.95 | 22.89 | 22.87 | 23.7 |
| 20 | 16QAM | 50 | 50 | 22.91 | 22.97 | 22.89 | |
| 20 | 16QAM | 100 | 0 | 22.96 | 22.84 | 22.79 | |
| 20 | 64QAM | 1 | 0 | 21.98 | 22.04 | 22.39 | |
| 20 | 64QAM | 1 | 49 | 22.98 | 22.82 | 22.88 | 23.7 |
| 20 | 64QAM | 1 | 99 | 23.01 | 22.73 | 22.90 | |
| 20 | 64QAM | 50 | 0 | 21.60 | 21.96 | 21.67 | |
| 20 | 64QAM | 50 | 24 | 21.96 | 21.77 | 21.86 | 22.7 |
| 20 | 64QAM | 50 | 50 | 21.99 | 21.62 | 21.86 | |
| 20 | 64QAM | 100 | 0 | 21.85 | 21.79 | 21.82 | |
| 20 | 256QAM | 1 | 0 | 19.60 | 19.81 | 19.78 | |
| 20 | 256QAM | 1 | 49 | 19.88 | 19.67 | 19.63 | 20.7 |
| 20 | 256QAM | 1 | 99 | 19.81 | 19.94 | 19.89 | |
| 20 | 256QAM | 50 | 0 | 19.62 | 19.66 | 19.63 | |
| 20 | 256QAM | 50 | 24 | 19.68 | 19.68 | 19.59 | 20.7 |
| 20 | 256QAM | 50 | 50 | 19.79 | 19.73 | 19.64 | |
| 20 | 256QAM | 100 | 0 | 19.74 | 19.64 | 19.65 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 23.60 | 23.66 | 23.65 | |
| 15 | QPSK | 1 | 37 | 23.43 | 23.63 | 23.47 | 24 |
| 15 | QPSK | 1 | 74 | 23.64 | 23.62 | 23.58 | |
| 15 | QPSK | 36 | 0 | 22.79 | 22.93 | 22.77 | |
| 15 | QPSK | 36 | 20 | 22.91 | 22.88 | 22.67 | 24 |
| 15 | QPSK | 36 | 39 | 22.86 | 22.86 | 22.78 | |
| 15 | QPSK | 75 | 0 | 22.95 | 22.91 | 22.79 | |
| 15 | 16QAM | 1 | 0 | 23.42 | 23.46 | 23.48 | |
| 15 | 16QAM | 1 | 37 | 23.35 | 23.41 | 23.37 | 24 |
| 15 | 16QAM | 1 | 74 | 23.41 | 23.45 | 23.37 | |
| 15 | 16QAM | 36 | 0 | 22.90 | 22.91 | 22.71 | |
| 15 | 16QAM | 36 | 20 | 22.86 | 22.87 | 22.87 | 23.7 |
| 15 | 16QAM | 36 | 39 | 22.87 | 22.95 | 22.86 | |
| 15 | 16QAM | 75 | 0 | 22.91 | 22.76 | 22.74 | |
| 15 | 64QAM | 1 | 0 | 21.90 | 22.87 | 22.29 | |
| 15 | 64QAM | 1 | 37 | 22.89 | 22.79 | 22.85 | 23.7 |
| 15 | 64QAM | 1 | 74 | 22.96 | 22.69 | 22.81 | |
| 15 | 64QAM | 36 | 0 | 21.52 | 21.87 | 21.66 | |
| 15 | 64QAM | 36 | 20 | 21.87 | 21.68 | 21.83 | 22.7 |
| 15 | 64QAM | 36 | 39 | 21.97 | 21.52 | 21.84 | |
| 15 | 64QAM | 75 | 0 | 21.76 | 21.71 | 21.77 | |
| 15 | 256QAM | 1 | 0 | 19.51 | 19.78 | 19.78 | |
| 15 | 256QAM | 1 | 37 | 19.81 | 19.60 | 19.60 | 20.7 |
| 15 | 256QAM | 1 | 74 | 19.76 | 19.89 | 19.79 | |
| 15 | 256QAM | 36 | 0 | 19.61 | 19.60 | 19.55 | |
| 15 | 256QAM | 36 | 20 | 19.59 | 19.68 | 19.54 | 20.7 |
| 15 | 256QAM | 36 | 39 | 19.73 | 19.70 | 19.61 | |
| 15 | 256QAM | 75 | 0 | 19.65 | 19.60 | 19.62 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 23.62 | 23.68 | 23.65 | |
| 10 | QPSK | 1 | 25 | 23.40 | 23.61 | 23.38 | 24 |
| 10 | QPSK | 1 | 49 | 23.63 | 23.61 | 23.54 | |
| 10 | QPSK | 25 | 0 | 22.80 | 22.89 | 22.75 | |
| 10 | QPSK | 25 | 12 | 22.87 | 22.81 | 22.65 | 24 |
| 10 | QPSK | 25 | 25 | 22.92 | 22.78 | 22.88 | |
| 10 | QPSK | 50 | 0 | 22.97 | 22.84 | 22.81 | |
| 10 | 16QAM | 1 | 0 | 23.40 | 23.48 | 23.50 | |
| 10 | 16QAM | 1 | 25 | 23.30 | 23.47 | 23.39 | 24 |
| 10 | 16QAM | 1 | 49 | 23.31 | 23.46 | 23.43 | |
| 10 | 16QAM | 25 | 0 | 22.87 | 22.82 | 22.74 | |
| 10 | 16QAM | 25 | 12 | 22.87 | 22.82 | 22.83 | 23.7 |
| 10 | 16QAM | 25 | 25 | 22.91 | 22.90 | 22.82 | |
| 10 | 16QAM | 50 | 0 | 22.92 | 22.79 | 22.77 | |
| 10 | 64QAM | 1 | 0 | 21.97 | 22.88 | 22.33 | |
| 10 | 64QAM | 1 | 25 | 22.91 | 22.77 | 22.83 | 23.7 |
| 10 | 64QAM | 1 | 49 | 22.93 | 22.72 | 22.85 | |
| 10 | 64QAM | 25 | 0 | 21.58 | 21.88 | 21.63 | |
| 10 | 64QAM | 25 | 12 | 21.95 | 21.72 | 21.82 | 22.7 |
| 10 | 64QAM | 25 | 25 | 21.93 | 21.56 | 21.77 | |
| 10 | 64QAM | 50 | 0 | 21.76 | 21.74 | 21.77 | |
| 10 | 256QAM | 1 | 0 | 19.53 | 19.78 | 19.76 | |
| 10 | 256QAM | 1 | 25 | 19.88 | 19.63 | 19.63 | 20.7 |
| 10 | 256QAM | 1 | 49 | 19.79 | 19.91 | 19.81 | |
| 10 | 256QAM | 25 | 0 | 19.62 | 19.65 | 19.53 | |
| 10 | 256QAM | 25 | 12 | 19.63 | 19.65 | 19.54 | 20.7 |
| 10 | 256QAM | 25 | 25 | 19.71 | 19.70 | 19.59 | |
| 10 | 256QAM | 50 | 0 | 19.64 | 19.62 | 19.57 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 23.58 | 23.68 | 23.59 | |
| 5 | QPSK | 1 | 12 | 23.49 | 23.56 | 23.44 | 24 |
| 5 | QPSK | 1 | 24 | 23.59 | 23.59 | 23.58 | |
| 5 | QPSK | 12 | 0 | 22.78 | 22.87 | 22.81 | |
| 5 | QPSK | 12 | 7 | 22.95 | 22.83 | 22.70 | 24 |
| 5 | QPSK | 12 | 13 | 22.92 | 22.87 | 22.88 | |
| 5 | QPSK | 25 | 0 | 22.96 | 22.91 | 22.78 | |
| 5 | 16QAM | 1 | 0 | 23.45 | 23.44 | 23.43 | |
| 5 | 16QAM | 1 | 12 | 23.34 | 23.43 | 23.40 | 24 |
| 5 | 16QAM | 1 | 24 | 23.39 | 23.37 | 23.41 | |
| 5 | 16QAM | 12 | 0 | 22.81 | 22.86 | 22.80 | |
| 5 | 16QAM | 12 | 7 | 22.91 | 22.89 | 22.79 | 23.7 |
| 5 | 16QAM | 12 | 13 | 22.86 | 22.97 | 22.86 | |
| 5 | 16QAM | 25 | 0 | 22.92 | 22.81 | 22.76 | |
| 5 | 64QAM | 1 | 0 | 21.98 | 22.85 | 22.39 | |
| 5 | 64QAM | 1 | 12 | 22.93 | 22.81 | 22.87 | 23.7 |
| 5 | 64QAM | 1 | 24 | 22.96 | 22.63 | 22.88 | |
| 5 | 64QAM | 12 | 0 | 21.53 | 21.96 | 21.67 | |
| 5 | 64QAM | 12 | 7 | 21.87 | 21.68 | 21.81 | 22.7 |
| 5 | 64QAM | 12 | 13 | 21.94 | 21.56 | 21.77 | |
| 5 | 64QAM | 25 | 0 | 21.82 | 21.73 | 21.72 | |
| 5 | 256QAM | 1 | 0 | 19.60 | 19.77 | 19.73 | |
| 5 | 256QAM | 1 | 12 | 19.84 | 19.57 | 19.61 | 20.7 |
| 5 | 256QAM | 1 | 24 | 19.79 | 19.87 | 19.82 | |
| 5 | 256QAM | 12 | 0 | 19.53 | 19.62 | 19.59 | |
| 5 | 256QAM | 12 | 7 | 19.67 | 19.68 | 19.57 | 20.7 |
| 5 | 256QAM | 12 | 13 | 19.77 | 19.72 | 19.57 | |
| 5 | 256QAM | 25 | 0 | 19.68 | 19.61 | 19.56 | |
| Channel | | | | 19925 | 20175 | 20425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 23.62 | 23.61 | 23.65 | |
| 3 | QPSK | 1 | 8 | 23.44 | 23.63 | 23.39 | 24 |
| 3 | QPSK | 1 | 14 | 23.68 | 23.56 | 23.54 | |
| 3 | QPSK | 8 | 0 | 22.84 | 22.88 | 22.84 | |
| 3 | QPSK | 8 | 4 | 22.91 | 22.85 | 22.75 | 24 |
| 3 | QPSK | 8 | 7 | 22.94 | 22.79 | 22.85 | |
| 3 | QPSK | 15 | 0 | 22.91 | 22.91 | 22.83 | |
| 3 | 16QAM | 1 | 0 | 23.46 | 23.50 | 23.44 | |
| 3 | 16QAM | 1 | 8 | 23.39 | 23.45 | 23.36 | 24 |
| 3 | 16QAM | 1 | 14 | 23.38 | 23.36 | 23.37 | |
| 3 | 16QAM | 8 | 0 | 22.82 | 22.87 | 22.71 | |
| 3 | 16QAM | 8 | 4 | 22.95 | 22.82 | 22.81 | 23.7 |
| 3 | 16QAM | 8 | 7 | 22.87 | 22.95 | 22.85 | |
| 3 | 16QAM | 15 | 0 | 22.95 | 22.76 | 22.77 | |
| 3 | 64QAM | 1 | 0 | 21.91 | 22.91 | 22.30 | |
| 3 | 64QAM | 1 | 8 | 22.96 | 22.79 | 22.78 | 23.7 |
| 3 | 64QAM | 1 | 14 | 22.96 | 22.63 | 22.80 | |
| 3 | 64QAM | 8 | 0 | 21.56 | 21.93 | 21.63 | |
| 3 | 64QAM | 8 | 4 | 21.96 | 21.75 | 21.81 | 22.7 |
| 3 | 64QAM | 8 | 7 | 21.94 | 21.62 | 21.80 | |
| 3 | 64QAM | 15 | 0 | 21.83 | 21.69 | 21.79 | |
| 3 | 256QAM | 1 | 0 | 19.56 | 19.79 | 19.72 | |
| 3 | 256QAM | 1 | 8 | 19.85 | 19.60 | 19.63 | 20.7 |
| 3 | 256QAM | 1 | 14 | 19.78 | 19.86 | 19.89 | |
| 3 | 256QAM | 8 | 0 | 19.56 | 19.60 | 19.57 | |
| 3 | 256QAM | 8 | 4 | 19.65 | 19.64 | 19.54 | 20.7 |
| 3 | 256QAM | 8 | 7 | 19.74 | 19.69 | 19.54 | |
| 3 | 256QAM | 15 | 0 | 19.73 | 19.56 | 19.63 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 23.21 | 23.23 | 23.12 | |
| 1.4 | QPSK | 1 | 3 | 23.21 | 23.30 | 23.23 | |
| 1.4 | QPSK | 1 | 5 | 23.19 | 23.27 | 23.17 | 24 |
| 1.4 | QPSK | 3 | 0 | 23.23 | 23.31 | 23.17 | |
| 1.4 | QPSK | 3 | 1 | 23.28 | 23.35 | 23.18 | |
| 1.4 | QPSK | 3 | 3 | 23.26 | 23.28 | 23.21 | |
| 1.4 | QPSK | 6 | 0 | 23.28 | 23.35 | 23.21 | 24 |
| 1.4 | 16QAM | 1 | 0 | 23.43 | 23.48 | 23.33 | |
| 1.4 | 16QAM | 1 | 3 | 23.53 | 23.55 | 23.46 | |
| 1.4 | 16QAM | 1 | 5 | 23.48 | 23.51 | 23.34 | 24 |
| 1.4 | 16QAM | 3 | 0 | 23.37 | 23.40 | 23.25 | |
| 1.4 | 16QAM | 3 | 1 | 23.39 | 23.47 | 23.36 | |
| 1.4 | 16QAM | 3 | 3 | 23.40 | 23.35 | 23.29 | |
| 1.4 | 16QAM | 6 | 0 | 22.83 | 22.89 | 22.75 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 21.96 | 22.66 | 22.78 | |
| 1.4 | 64QAM | 1 | 3 | 22.06 | 22.72 | 22.92 | |
| 1.4 | 64QAM | 1 | 5 | 22.02 | 22.67 | 22.79 | 23.7 |
| 1.4 | 64QAM | 3 | 0 | 21.99 | 22.67 | 22.74 | |
| 1.4 | 64QAM | 3 | 1 | 22.04 | 22.75 | 22.82 | |
| 1.4 | 64QAM | 3 | 3 | 21.99 | 22.64 | 22.79 | |
| 1.4 | 64QAM | 6 | 0 | 21.01 | 21.70 | 21.71 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.50 | 19.80 | 19.77 | |
| 1.4 | 256QAM | 1 | 3 | 19.86 | 19.62 | 19.59 | |
| 1.4 | 256QAM | 1 | 5 | 19.76 | 19.94 | 19.86 | 20.7 |
| 1.4 | 256QAM | 3 | 0 | 19.55 | 19.62 | 19.54 | |
| 1.4 | 256QAM | 3 | 1 | 19.62 | 19.64 | 19.58 | |
| 1.4 | 256QAM | 3 | 3 | 19.71 | 19.69 | 19.55 | |
| 1.4 | 256QAM | 6 | 0 | 19.65 | 19.63 | 19.65 | 20.7 |

## Band 5_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.49 | 24.54 | 24.53 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.48 | 24.52 | 24.50 | |
| 10 | QPSK | 1 | 49 | 24.56 | 24.48 | 24.43 | |
| 10 | QPSK | 25 | 0 | 23.59 | 23.64 | 23.62 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.69 | 23.65 | 23.62 | |
| 10 | QPSK | 25 | 25 | 23.63 | 23.67 | 23.62 | |
| 10 | QPSK | 50 | 0 | 23.67 | 23.64 | 23.60 | |
| 10 | 16QAM | 1 | 0 | 23.88 | 23.89 | 23.94 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.90 | 23.93 | 23.91 | |
| 10 | 16QAM | 1 | 49 | 23.95 | 23.90 | 23.81 | |
| 10 | 16QAM | 25 | 0 | 22.57 | 22.62 | 22.59 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.68 | 22.64 | 22.57 | |
| 10 | 16QAM | 25 | 25 | 22.64 | 22.63 | 22.56 | |
| 10 | 16QAM | 50 | 0 | 22.68 | 22.62 | 22.58 | |
| 10 | 64QAM | 1 | 0 | 22.68 | 22.78 | 22.79 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.82 | 22.87 | 22.82 | |
| 10 | 64QAM | 1 | 49 | 22.82 | 22.81 | 22.16 | |
| 10 | 64QAM | 25 | 0 | 21.62 | 21.66 | 21.64 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.71 | 21.69 | 21.67 | |
| 10 | 64QAM | 25 | 25 | 21.66 | 21.70 | 21.57 | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.66 | 21.62 | |
| 10 | 256QAM | 1 | 0 | 19.40 | 19.53 | 19.52 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.44 | 19.45 | 19.44 | |
| 10 | 256QAM | 1 | 49 | 19.52 | 19.48 | 19.37 | |
| 10 | 256QAM | 25 | 0 | 19.41 | 19.41 | 19.43 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.44 | 19.29 | 19.32 | |
| 10 | 256QAM | 25 | 25 | 19.34 | 19.38 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.44 | 19.37 | 19.36 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.54 | 24.52 | 24.48 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.50 | 24.53 | 24.48 | |
| 5 | QPSK | 1 | 24 | 24.46 | 24.48 | 24.48 | |
| 5 | QPSK | 12 | 0 | 23.59 | 23.70 | 23.61 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.66 | 23.67 | 23.55 | |
| 5 | QPSK | 12 | 13 | 23.60 | 23.65 | 23.54 | |
| 5 | QPSK | 25 | 0 | 23.63 | 23.69 | 23.55 | |
| 5 | 16QAM | 1 | 0 | 23.90 | 23.95 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.89 | 23.95 | 23.83 | |
| 5 | 16QAM | 1 | 24 | 23.89 | 23.91 | 23.78 | |
| 5 | 16QAM | 12 | 0 | 22.64 | 22.72 | 22.61 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.69 | 22.58 | |
| 5 | 16QAM | 12 | 13 | 22.61 | 22.67 | 22.57 | |
| 5 | 16QAM | 25 | 0 | 22.69 | 22.71 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.90 | 22.82 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.80 | 22.86 | 22.47 | |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.86 | 22.12 | |
| 5 | 64QAM | 12 | 0 | 21.69 | 21.75 | 21.67 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.73 | 21.75 | 21.41 | |
| 5 | 64QAM | 12 | 13 | 21.66 | 21.70 | 21.22 | |
| 5 | 64QAM | 25 | 0 | 21.69 | 21.74 | 21.45 | |
| 5 | 256QAM | 1 | 0 | 19.33 | 19.49 | 19.44 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.40 | 19.41 | 19.41 | |
| 5 | 256QAM | 1 | 24 | 19.50 | 19.48 | 19.34 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.32 | 19.43 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.28 | 19.30 | |
| 5 | 256QAM | 12 | 13 | 19.33 | 19.28 | 19.18 | |
| 5 | 256QAM | 25 | 0 | 19.34 | 19.37 | 19.31 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.80 | 23.87 | 23.85 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.87 | 23.94 | 23.83 | |
| 3 | QPSK | 1 | 14 | 23.79 | 23.83 | 23.71 | |
| 3 | QPSK | 8 | 0 | 22.89 | 22.93 | 22.87 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.95 | 23.01 | 22.87 | |
| 3 | QPSK | 8 | 7 | 22.88 | 22.93 | 22.83 | |
| 3 | QPSK | 15 | 0 | 22.90 | 22.97 | 22.86 | |
| 3 | 16QAM | 1 | 0 | 23.13 | 23.17 | 23.17 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.26 | 23.30 | 23.13 | |
| 3 | 16QAM | 1 | 14 | 23.11 | 23.18 | 23.03 | |
| 3 | 16QAM | 8 | 0 | 21.95 | 22.00 | 21.94 | 23.7 |
| 3 | 16QAM | 8 | 4 | 21.98 | 22.06 | 21.96 | |
| 3 | 16QAM | 8 | 7 | 21.95 | 21.98 | 21.87 | |
| 3 | 16QAM | 15 | 0 | 21.96 | 22.01 | 21.89 | |
| 3 | 64QAM | 1 | 0 | 23.03 | 22.15 | 21.90 | 23.7 |
| 3 | 64QAM | 1 | 8 | 23.13 | 22.21 | 21.71 | |
| 3 | 64QAM | 1 | 14 | 23.02 | 22.09 | 21.70 | |
| 3 | 64QAM | 8 | 0 | 21.90 | 21.00 | 20.76 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.94 | 21.03 | 21.76 | |
| 3 | 64QAM | 8 | 7 | 21.89 | 20.98 | 21.71 | |
| 3 | 64QAM | 15 | 0 | 21.92 | 20.98 | 21.72 | |
| 3 | 256QAM | 1 | 0 | 19.40 | 19.45 | 19.46 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.38 | 19.39 | 19.44 | |
| 3 | 256QAM | 1 | 14 | 19.46 | 19.47 | 19.29 | |
| 3 | 256QAM | 8 | 0 | 19.36 | 19.41 | 19.33 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.35 | 19.19 | 19.27 | |
| 3 | 256QAM | 8 | 7 | 19.33 | 19.33 | 19.20 | |
| 3 | 256QAM | 15 | 0 | 19.38 | 19.36 | 19.31 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.71 | 23.79 | 23.70 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.80 | 23.86 | 23.76 | |
| 1.4 | QPSK | 1 | 5 | 23.70 | 23.80 | 23.71 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.80 | 23.75 | |
| 1.4 | QPSK | 3 | 1 | 23.83 | 23.89 | 23.80 | |
| 1.4 | QPSK | 3 | 3 | 23.78 | 23.81 | 23.72 | |
| 1.4 | QPSK | 6 | 0 | 22.83 | 22.91 | 22.77 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.05 | 23.11 | 23.07 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.14 | 23.21 | 23.12 | |
| 1.4 | 16QAM | 1 | 5 | 23.07 | 23.12 | 23.00 | |
| 1.4 | 16QAM | 3 | 0 | 22.89 | 22.89 | 22.82 | |
| 1.4 | 16QAM | 3 | 1 | 22.93 | 23.00 | 22.85 | |
| 1.4 | 16QAM | 3 | 3 | 22.83 | 22.91 | 22.78 | |
| 1.4 | 16QAM | 6 | 0 | 21.91 | 21.99 | 21.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 21.96 | 22.04 | 21.72 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.10 | 22.15 | 21.78 | |
| 1.4 | 64QAM | 1 | 5 | 22.00 | 22.04 | 21.72 | |
| 1.4 | 64QAM | 3 | 0 | 21.99 | 21.97 | 21.73 | |
| 1.4 | 64QAM | 3 | 1 | 21.94 | 22.00 | 21.73 | |
| 1.4 | 64QAM | 3 | 3 | 21.89 | 21.93 | 21.73 | |
| 1.4 | 64QAM | 6 | 0 | 20.78 | 20.84 | 20.74 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.40 | 19.48 | 19.47 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.37 | 19.41 | 19.41 | |
| 1.4 | 256QAM | 1 | 5 | 19.47 | 19.47 | 19.27 | |
| 1.4 | 256QAM | 3 | 0 | 19.31 | 19.39 | 19.38 | |
| 1.4 | 256QAM | 3 | 1 | 19.44 | 19.26 | 19.26 | |
| 1.4 | 256QAM | 3 | 3 | 19.27 | 19.38 | 19.23 | |
| 1.4 | 256QAM | 6 | 0 | 19.38 | 19.36 | 19.30 | 20.7 |

## Band 7_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 22.75 | 22.96 | 22.84 | 23.3 |
| 20 | QPSK | 1 | 49 | 22.65 | 22.81 | 22.88 | |
| 20 | QPSK | 1 | 99 | 22.77 | 22.97 | 22.91 | |
| 20 | QPSK | 50 | 0 | 22.44 | 22.67 | 22.84 | 23.3 |
| 20 | QPSK | 50 | 24 | 22.58 | 22.63 | 22.85 | |
| 20 | QPSK | 50 | 50 | 22.59 | 22.87 | 22.86 | |
| 20 | QPSK | 100 | 0 | 22.58 | 22.72 | 22.86 | |
| 20 | 16QAM | 1 | 0 | 22.57 | 22.72 | 23.10 | 23.3 |
| 20 | 16QAM | 1 | 49 | 22.54 | 22.79 | 22.91 | |
| 20 | 16QAM | 1 | 99 | 22.69 | 22.91 | 22.83 | |
| 20 | 16QAM | 50 | 0 | 22.45 | 22.69 | 22.85 | 23.3 |
| 20 | 16QAM | 50 | 24 | 22.57 | 22.69 | 22.84 | |
| 20 | 16QAM | 50 | 50 | 22.58 | 22.84 | 22.89 | |
| 20 | 16QAM | 100 | 0 | 22.56 | 22.70 | 22.83 | |
| 20 | 64QAM | 1 | 0 | 22.56 | 22.70 | 22.89 | 23.3 |
| 20 | 64QAM | 1 | 49 | 22.53 | 22.78 | 22.82 | |
| 20 | 64QAM | 1 | 99 | 22.62 | 22.82 | 22.11 | |
| 20 | 64QAM | 50 | 0 | 21.93 | 22.15 | 22.26 | 22.7 |
| 20 | 64QAM | 50 | 24 | 22.03 | 22.15 | 22.08 | |
| 20 | 64QAM | 50 | 50 | 22.06 | 22.23 | 22.20 | |
| 20 | 64QAM | 100 | 0 | 22.02 | 22.13 | 22.18 | |
| 20 | 256QAM | 1 | 0 | 19.76 | 19.77 | 19.69 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.81 | 19.71 | 19.68 | |
| 20 | 256QAM | 1 | 99 | 19.69 | 19.75 | 19.72 | |
| 20 | 256QAM | 50 | 0 | 19.62 | 19.60 | 19.64 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.68 | 19.59 | 19.61 | |
| 20 | 256QAM | 50 | 50 | 19.71 | 19.67 | 19.66 | |
| 20 | 256QAM | 100 | 0 | 19.79 | 19.62 | 19.60 | |
| Channel | | | | 20525 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 22.66 | 22.96 | 22.80 | 23.3 |
| 15 | QPSK | 1 | 37 | 22.65 | 22.81 | 23.00 | |
| 15 | QPSK | 1 | 74 | 22.71 | 22.92 | 22.74 | |
| 15 | QPSK | 36 | 0 | 22.34 | 22.63 | 22.83 | 23.3 |
| 15 | QPSK | 36 | 20 | 22.53 | 22.62 | 22.84 | |
| 15 | QPSK | 36 | 39 | 22.50 | 22.78 | 22.82 | |
| 15 | QPSK | 75 | 0 | 22.52 | 22.72 | 22.84 | |
| 15 | 16QAM | 1 | 0 | 22.53 | 22.69 | 23.08 | 23.3 |
| 15 | 16QAM | 1 | 37 | 22.49 | 22.79 | 22.88 | |
| 15 | 16QAM | 1 | 74 | 22.64 | 22.82 | 22.77 | |
| 15 | 16QAM | 36 | 0 | 22.38 | 22.62 | 22.83 | 23.3 |
| 15 | 16QAM | 36 | 20 | 22.54 | 22.67 | 22.74 | |
| 15 | 16QAM | 36 | 39 | 22.52 | 22.77 | 22.88 | |
| 15 | 16QAM | 75 | 0 | 22.52 | 22.61 | 22.75 | |
| 15 | 64QAM | 1 | 0 | 22.49 | 22.60 | 22.89 | 23.3 |
| 15 | 64QAM | 1 | 37 | 22.43 | 22.72 | 22.77 | |
| 15 | 64QAM | 1 | 74 | 22.55 | 22.81 | 22.02 | |
| 15 | 64QAM | 36 | 0 | 21.85 | 22.14 | 22.26 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.94 | 22.11 | 22.05 | |
| 15 | 64QAM | 36 | 39 | 22.01 | 22.19 | 22.14 | |
| 15 | 64QAM | 75 | 0 | 21.94 | 22.05 | 22.15 | |
| 15 | 256QAM | 1 | 0 | 19.67 | 19.74 | 19.66 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.72 | 19.63 | 19.65 | |
| 15 | 256QAM | 1 | 74 | 19.89 | 19.69 | 19.72 | |
| 15 | 256QAM | 36 | 0 | 19.56 | 19.55 | 19.59 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.67 | 19.51 | 19.57 | |
| 15 | 256QAM | 36 | 39 | 19.67 | 19.58 | 19.64 | |
| 15 | 256QAM | 75 | 0 | 19.74 | 19.55 | 19.57 | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 22.72 | 22.96 | 22.78 | 23.3 |
| 10 | QPSK | 1 | 25 | 22.60 | 22.78 | 22.94 | |
| 10 | QPSK | 1 | 49 | 22.71 | 22.87 | 22.81 | |
| 10 | QPSK | 25 | 0 | 22.41 | 22.63 | 22.81 | 23.3 |
| 10 | QPSK | 25 | 12 | 22.52 | 22.60 | 22.77 | |
| 10 | QPSK | 25 | 25 | 22.51 | 22.78 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.49 | 22.64 | 22.79 | |
| 10 | 16QAM | 1 | 0 | 22.49 | 22.68 | 23.06 | 23.3 |
| 10 | 16QAM | 1 | 25 | 22.49 | 22.75 | 22.91 | |
| 10 | 16QAM | 1 | 49 | 22.64 | 22.87 | 22.80 | |
| 10 | 16QAM | 25 | 0 | 22.40 | 22.62 | 22.81 | 23.3 |
| 10 | 16QAM | 25 | 12 | 22.56 | 22.68 | 22.76 | |
| 10 | 16QAM | 25 | 25 | 22.52 | 22.77 | 22.88 | |
| 10 | 16QAM | 50 | 0 | 22.56 | 22.65 | 22.82 | |
| 10 | 64QAM | 1 | 0 | 22.56 | 22.60 | 22.82 | 23.3 |
| 10 | 64QAM | 1 | 25 | 22.46 | 22.69 | 22.78 | |
| 10 | 64QAM | 1 | 49 | 22.60 | 22.78 | 22.06 | |
| 10 | 64QAM | 25 | 0 | 21.85 | 22.07 | 22.26 | 22.7 |
| 10 | 64QAM | 25 | 12 | 22.00 | 22.11 | 21.99 | |
| 10 | 64QAM | 25 | 25 | 21.98 | 22.16 | 22.11 | |
| 10 | 64QAM | 50 | 0 | 21.97 | 22.13 | 22.12 | |
| 10 | 256QAM | 1 | 0 | 19.72 | 19.70 | 19.62 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.71 | 19.65 | 19.61 | |
| 10 | 256QAM | 1 | 49 | 19.88 | 19.68 | 19.70 | |
| 10 | 256QAM | 25 | 0 | 19.58 | 19.57 | 19.57 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.64 | 19.50 | 19.58 | |
| 10 | 256QAM | 25 | 25 | 19.64 | 19.60 | 19.66 | |
| 10 | 256QAM | 50 | 0 | 19.71 | 19.61 | 19.56 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 22.66 | 22.91 | 22.80 | 23.3 |
| 5 | QPSK | 1 | 12 | 22.64 | 22.77 | 23.01 | |
| 5 | QPSK | 1 | 24 | 22.69 | 22.91 | 22.73 | |
| 5 | QPSK | 12 | 0 | 22.42 | 22.60 | 22.74 | 23.3 |
| 5 | QPSK | 12 | 7 | 22.51 | 22.54 | 22.84 | |
| 5 | QPSK | 12 | 13 | 22.54 | 22.73 | 22.77 | |
| 5 | QPSK | 25 | 0 | 22.55 | 22.66 | 22.82 | |
| 5 | 16QAM | 1 | 0 | 22.47 | 22.64 | 23.09 | 23.3 |
| 5 | 16QAM | 1 | 12 | 22.49 | 22.79 | 22.86 | |
| 5 | 16QAM | 1 | 24 | 22.66 | 22.88 | 22.81 | |
| 5 | 16QAM | 12 | 0 | 22.45 | 22.64 | 22.79 | 23.3 |
| 5 | 16QAM | 12 | 7 | 22.51 | 22.64 | 22.83 | |
| 5 | 16QAM | 12 | 13 | 22.52 | 22.83 | 22.82 | |
| 5 | 16QAM | 25 | 0 | 22.51 | 22.64 | 22.83 | |
| 5 | 64QAM | 1 | 0 | 22.47 | 22.69 | 22.82 | 23.3 |
| 5 | 64QAM | 1 | 12 | 22.52 | 22.73 | 22.81 | |
| 5 | 64QAM | 1 | 24 | 22.62 | 22.73 | 22.02 | |
| 5 | 64QAM | 12 | 0 | 21.89 | 22.05 | 22.26 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.95 | 22.08 | 21.98 | |
| 5 | 64QAM | 12 | 13 | 21.96 | 22.19 | 22.19 | |
| 5 | 64QAM | 25 | 0 | 21.96 | 22.07 | 22.10 | |
| 5 | 256QAM | 1 | 0 | 19.68 | 19.68 | 19.66 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.79 | 19.68 | 19.58 | |
| 5 | 256QAM | 1 | 24 | 19.82 | 19.71 | 19.66 | |
| 5 | 256QAM | 12 | 0 | 19.58 | 19.51 | 19.58 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.63 | 19.57 | 19.55 | |
| 5 | 256QAM | 12 | 13 | 19.66 | 19.60 | 19.60 | |
| 5 | 256QAM | 25 | 0 | 19.71 | 19.57 | 19.54 | |

## Band 12_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.64 | 24.53 | 24.59 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.59 | 24.60 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.67 | 24.63 | 24.60 | |
| 10 | QPSK | 25 | 0 | 23.72 | 23.74 | 23.71 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.73 | 23.72 | |
| 10 | QPSK | 25 | 25 | 23.77 | 23.79 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.79 | 23.71 | 23.73 | |
| 10 | 16QAM | 1 | 0 | 23.96 | 23.95 | 23.97 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.97 | 23.99 | 24.01 | |
| 10 | 16QAM | 1 | 49 | 24.06 | 24.01 | 24.04 | |
| 10 | 16QAM | 25 | 0 | 22.71 | 22.73 | 22.74 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.73 | 22.75 | |
| 10 | 16QAM | 25 | 25 | 22.72 | 22.80 | 22.77 | |
| 10 | 16QAM | 50 | 0 | 22.75 | 22.72 | 22.74 | |
| 10 | 64QAM | 1 | 0 | 22.87 | 22.80 | 22.83 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.88 | 22.92 | 22.96 | |
| 10 | 64QAM | 1 | 49 | 22.95 | 22.91 | 22.94 | |
| 10 | 64QAM | 25 | 0 | 21.76 | 21.74 | 21.76 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.77 | 21.78 | |
| 10 | 64QAM | 25 | 25 | 21.79 | 21.81 | 21.80 | |
| 10 | 64QAM | 50 | 0 | 21.82 | 21.77 | 21.77 | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.54 | 19.50 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.66 | 19.57 | 19.56 | |
| 10 | 256QAM | 1 | 49 | 19.62 | 19.68 | 19.64 | |
| 10 | 256QAM | 25 | 0 | 19.52 | 19.54 | 19.55 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.60 | 19.49 | 19.45 | |
| 10 | 256QAM | 25 | 25 | 19.42 | 19.47 | 19.55 | |
| 10 | 256QAM | 50 | 0 | 19.53 | 19.51 | 19.51 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.65 | 24.66 | 24.60 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.65 | 24.60 | 24.60 | |
| 5 | QPSK | 1 | 24 | 24.64 | 24.65 | 24.64 | |
| 5 | QPSK | 12 | 0 | 23.75 | 23.73 | 23.73 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.76 | 23.80 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.70 | 23.74 | 23.72 | |
| 5 | QPSK | 25 | 0 | 23.73 | 23.71 | 23.71 | |
| 5 | 16QAM | 1 | 0 | 23.98 | 23.99 | 23.97 | 24.7 |
| 5 | 16QAM | 1 | 12 | 24.01 | 24.01 | 23.99 | |
| 5 | 16QAM | 1 | 24 | 24.02 | 24.01 | 23.97 | |
| 5 | 16QAM | 12 | 0 | 22.83 | 22.78 | 22.78 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.78 | 22.80 | 22.74 | |
| 5 | 16QAM | 12 | 13 | 22.75 | 22.75 | 22.75 | |
| 5 | 16QAM | 25 | 0 | 22.76 | 22.71 | 22.70 | |
| 5 | 64QAM | 1 | 0 | 22.96 | 22.95 | 22.88 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.92 | 22.93 | 22.94 | |
| 5 | 64QAM | 1 | 24 | 22.96 | 22.98 | 22.92 | |
| 5 | 64QAM | 12 | 0 | 21.86 | 21.82 | 21.82 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.83 | 21.83 | 21.78 | |
| 5 | 64QAM | 12 | 13 | 21.76 | 21.80 | 21.77 | |
| 5 | 64QAM | 25 | 0 | 21.78 | 21.74 | 21.74 | |
| 5 | 256QAM | 1 | 0 | 19.36 | 19.46 | 19.48 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.60 | 19.49 | 19.52 | |
| 5 | 256QAM | 1 | 24 | 19.52 | 19.68 | 19.59 | |
| 5 | 256QAM | 12 | 0 | 19.45 | 19.52 | 19.50 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.51 | 19.48 | 19.42 | |
| 5 | 256QAM | 12 | 13 | 19.36 | 19.37 | 19.54 | |
| 5 | 256QAM | 25 | 0 | 19.53 | 19.49 | 19.48 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 23.92 | 23.88 | 23.86 | 25.7 |
| 3 | QPSK | 1 | 8 | 23.92 | 23.95 | 23.93 | |
| 3 | QPSK | 1 | 14 | 23.85 | 23.90 | 23.84 | |
| 3 | QPSK | 8 | 0 | 22.99 | 22.97 | 22.94 | 24.7 |
| 3 | QPSK | 8 | 4 | 22.96 | 23.00 | 22.97 | |
| 3 | QPSK | 8 | 7 | 22.94 | 22.97 | 22.92 | |
| 3 | QPSK | 15 | 0 | 22.96 | 22.92 | 22.92 | |
| 3 | 16QAM | 1 | 0 | 23.26 | 23.19 | 23.22 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.31 | 23.31 | 23.29 | |
| 3 | 16QAM | 1 | 14 | 23.18 | 23.22 | 23.19 | |
| 3 | 16QAM | 8 | 0 | 22.06 | 22.01 | 22.00 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.05 | 22.06 | 22.04 | |
| 3 | 16QAM | 8 | 7 | 22.00 | 22.06 | 21.98 | |
| 3 | 16QAM | 15 | 0 | 22.01 | 21.95 | 21.94 | |
| 3 | 64QAM | 1 | 0 | 22.21 | 22.14 | 22.14 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.24 | 22.23 | 22.20 | |
| 3 | 64QAM | 1 | 14 | 22.15 | 22.16 | 22.12 | |
| 3 | 64QAM | 8 | 0 | 21.03 | 21.03 | 20.96 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.06 | 21.07 | 21.04 | |
| 3 | 64QAM | 8 | 7 | 20.99 | 21.02 | 20.99 | |
| 3 | 64QAM | 15 | 0 | 21.00 | 20.95 | 20.93 | |
| 3 | 256QAM | 1 | 0 | 19.32 | 19.45 | 19.43 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.58 | 19.50 | 19.48 | |
| 3 | 256QAM | 1 | 14 | 19.60 | 19.67 | 19.56 | |
| 3 | 256QAM | 8 | 0 | 19.49 | 19.44 | 19.45 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.53 | 19.46 | 19.39 | |
| 3 | 256QAM | 8 | 7 | 19.42 | 19.37 | 19.53 | |
| 3 | 256QAM | 15 | 0 | 19.51 | 19.44 | 19.45 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 23.76 | 23.71 | 23.73 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 23.78 | 23.80 | 23.80 | |
| 1.4 | QPSK | 1 | 5 | 23.72 | 23.73 | 23.71 | |
| 1.4 | QPSK | 3 | 0 | 23.80 | 23.76 | 23.77 | |
| 1.4 | QPSK | 3 | 1 | 23.84 | 23.78 | 23.79 | |
| 1.4 | QPSK | 3 | 3 | 23.74 | 23.78 | 23.74 | |
| 1.4 | QPSK | 6 | 0 | 22.83 | 22.84 | 22.81 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.08 | 23.07 | 23.09 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.12 | 23.14 | 23.10 | |
| 1.4 | 16QAM | 1 | 5 | 23.06 | 23.05 | 23.03 | |
| 1.4 | 16QAM | 3 | 0 | 22.89 | 22.84 | 22.86 | |
| 1.4 | 16QAM | 3 | 1 | 22.94 | 22.86 | 22.89 | |
| 1.4 | 16QAM | 3 | 3 | 22.84 | 22.83 | 22.82 | |
| 1.4 | 16QAM | 6 | 0 | 21.88 | 21.90 | 21.86 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.01 | 21.98 | 21.99 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.06 | 22.09 | 22.03 | |
| 1.4 | 64QAM | 1 | 5 | 22.03 | 22.02 | 21.97 | |
| 1.4 | 64QAM | 3 | 0 | 21.98 | 21.94 | 21.98 | |
| 1.4 | 64QAM | 3 | 1 | 22.02 | 21.97 | 22.09 | |
| 1.4 | 64QAM | 3 | 3 | 21.94 | 21.95 | 21.95 | |
| 1.4 | 64QAM | 6 | 0 | 20.86 | 20.86 | 20.83 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.38 | 19.48 | 19.42 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.57 | 19.54 | 19.58 | |
| 1.4 | 256QAM | 1 | 5 | 19.58 | 19.67 | 19.56 | |
| 1.4 | 256QAM | 3 | 0 | 19.42 | 19.45 | 19.51 | |
| 1.4 | 256QAM | 3 | 1 | 19.56 | 19.41 | 19.35 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.44 | 19.52 | |
| 1.4 | 256QAM | 6 | 0 | 19.47 | 19.48 | 19.50 | 20.7 |

**Band 13_Ant 0**

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | | 23230 | | |
| Frequency (MHz) | | | | | 782 | | |
| 10 | QPSK | 1 | 0 | | 23.98 | | 25.2 |
| 10 | QPSK | 1 | 25 | | 24.02 | | |
| 10 | QPSK | 1 | 49 | | 24.10 | | |
| 10 | QPSK | 25 | 0 | | 23.16 | | 24.2 |
| 10 | QPSK | 25 | 12 | | 23.17 | | |
| 10 | QPSK | 25 | 25 | | 23.19 | | |
| 10 | QPSK | 50 | 0 | | 23.18 | | |
| 10 | 16QAM | 1 | 0 | | 23.38 | | 24.2 |
| 10 | 16QAM | 1 | 25 | | 23.37 | | |
| 10 | 16QAM | 1 | 49 | | 23.40 | | |
| 10 | 16QAM | 25 | 0 | | 22.17 | | 23.2 |
| 10 | 16QAM | 25 | 12 | | 22.20 | | |
| 10 | 16QAM | 25 | 25 | | 22.22 | | |
| 10 | 16QAM | 50 | 0 | | 22.19 | | |
| 10 | 64QAM | 1 | 0 | | 22.21 | | 23.2 |
| 10 | 64QAM | 1 | 25 | | 22.32 | | |
| 10 | 64QAM | 1 | 49 | | 22.34 | | |
| 10 | 64QAM | 25 | 0 | | 21.17 | | 22.2 |
| 10 | 64QAM | 25 | 12 | | 21.24 | | |
| 10 | 64QAM | 25 | 25 | | 21.23 | | |
| 10 | 64QAM | 50 | 0 | | 21.23 | | |
| 10 | 256QAM | 1 | 0 | | 18.61 | | 20.2 |
| 10 | 256QAM | 1 | 25 | | 18.97 | | |
| 10 | 256QAM | 1 | 49 | | 19.01 | | |
| 10 | 256QAM | 25 | 0 | | 18.78 | | 20.2 |
| 10 | 256QAM | 25 | 12 | | 18.86 | | |
| 10 | 256QAM | 25 | 25 | | 18.89 | | |
| 10 | 256QAM | 50 | 0 | | 18.84 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 23.93 | 23.98 | 23.74 | 25.2 |
| 5 | QPSK | 1 | 12 | 24.04 | 24.07 | 23.77 | |
| 5 | QPSK | 1 | 24 | 24.07 | 24.08 | 23.83 | |
| 5 | QPSK | 12 | 0 | 23.10 | 23.13 | 22.85 | 24.2 |
| 5 | QPSK | 12 | 7 | 23.16 | 23.15 | 22.93 | |
| 5 | QPSK | 12 | 13 | 23.19 | 23.21 | 22.89 | |
| 5 | QPSK | 25 | 0 | 23.18 | 23.14 | 22.99 | |
| 5 | 16QAM | 1 | 0 | 23.31 | 23.29 | 23.01 | 24.2 |
| 5 | 16QAM | 1 | 12 | 23.29 | 23.33 | 23.04 | |
| 5 | 16QAM | 1 | 24 | 23.37 | 23.36 | 23.04 | |
| 5 | 16QAM | 12 | 0 | 22.20 | 22.17 | 21.92 | 23.2 |
| 5 | 16QAM | 12 | 7 | 22.20 | 22.17 | 21.95 | |
| 5 | 16QAM | 12 | 13 | 22.21 | 22.23 | 21.94 | |
| 5 | 16QAM | 25 | 0 | 22.23 | 22.16 | 21.92 | |
| 5 | 64QAM | 1 | 0 | 22.19 | 22.26 | 21.94 | 23.2 |
| 5 | 64QAM | 1 | 12 | 22.25 | 22.29 | 22.01 | |
| 5 | 64QAM | 1 | 24 | 22.29 | 22.32 | 22.02 | |
| 5 | 64QAM | 12 | 0 | 21.22 | 21.23 | 20.96 | 22.2 |
| 5 | 64QAM | 12 | 7 | 21.26 | 21.21 | 20.98 | |
| 5 | 64QAM | 12 | 13 | 21.25 | 21.26 | 20.95 | |
| 5 | 64QAM | 25 | 0 | 21.26 | 21.17 | 20.96 | |
| 5 | 256QAM | 1 | 0 | 18.55 | 18.57 | 18.59 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.93 | 18.96 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.98 | 18.99 | 18.96 | |
| 5 | 256QAM | 12 | 0 | 18.77 | 18.69 | 18.74 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.83 | 18.76 | 18.79 | |
| 5 | 256QAM | 12 | 13 | 18.82 | 18.84 | 18.79 | |
| 5 | 256QAM | 25 | 0 | 18.77 | 18.77 | 18.74 | |

| Band 14_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23330 | | |
| Frequency (MHz) | | | | | 793 | | |
| 10 | QPSK | 1 | 0 | | 24.59 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 24.53 | | |
| 10 | QPSK | 1 | 49 | | 24.48 | | |
| 10 | QPSK | 25 | 0 | | 23.55 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 23.57 | | |
| 10 | QPSK | 25 | 25 | | 23.63 | | |
| 10 | QPSK | 50 | 0 | | 23.55 | | |
| 10 | 16QAM | 1 | 0 | | 23.96 | | 24.7 |
| 10 | 16QAM | 1 | 25 | | 23.91 | | |
| 10 | 16QAM | 1 | 49 | | 23.86 | | |
| 10 | 16QAM | 25 | 0 | | 22.54 | | 23.7 |
| 10 | 16QAM | 25 | 12 | | 22.57 | | |
| 10 | 16QAM | 25 | 25 | | 22.64 | | |
| 10 | 16QAM | 50 | 0 | | 22.55 | | |
| 10 | 64QAM | 1 | 0 | | 22.79 | | 23.7 |
| 10 | 64QAM | 1 | 25 | | 22.84 | | |
| 10 | 64QAM | 1 | 49 | | 22.79 | | |
| 10 | 64QAM | 25 | 0 | | 21.58 | | 22.7 |
| 10 | 64QAM | 25 | 12 | | 21.61 | | |
| 10 | 64QAM | 25 | 25 | | 21.63 | | |
| 10 | 64QAM | 50 | 0 | | 21.59 | | |
| 10 | 256QAM | 1 | 0 | | 19.53 | | 20.7 |
| 10 | 256QAM | 1 | 25 | | 19.37 | | |
| 10 | 256QAM | 1 | 49 | | 19.55 | | |
| 10 | 256QAM | 25 | 0 | | 19.29 | | 20.7 |
| 10 | 256QAM | 25 | 12 | | 19.34 | | |
| 10 | 256QAM | 25 | 25 | | 19.33 | | |
| 10 | 256QAM | 50 | 0 | | 19.25 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.48 | 24.45 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.56 | 24.53 | 24.58 | |
| 5 | QPSK | 1 | 24 | 24.55 | 24.55 | 24.48 | |
| 5 | QPSK | 12 | 0 | 23.62 | 23.54 | 23.51 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.66 | 23.66 | 23.60 | |
| 5 | QPSK | 12 | 13 | 23.61 | 23.60 | 23.56 | |
| 5 | QPSK | 25 | 0 | 23.59 | 23.54 | 23.52 | |
| 5 | 16QAM | 1 | 0 | 23.82 | 23.82 | 23.78 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.90 | 23.92 | 23.86 | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.88 | 23.79 | |
| 5 | 16QAM | 12 | 0 | 22.64 | 22.61 | 22.53 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.69 | 22.66 | |
| 5 | 16QAM | 12 | 13 | 22.60 | 22.63 | 22.58 | |
| 5 | 16QAM | 25 | 0 | 22.62 | 22.58 | 22.56 | |
| 5 | 64QAM | 1 | 0 | 22.81 | 22.77 | 22.77 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.83 | 22.85 | 22.84 | |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.82 | 22.80 | |
| 5 | 64QAM | 12 | 0 | 21.71 | 21.60 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.69 | 21.70 | 21.68 | |
| 5 | 64QAM | 12 | 13 | 21.63 | 21.66 | 21.61 | |
| 5 | 64QAM | 25 | 0 | 21.65 | 21.61 | 21.54 | |
| 5 | 256QAM | 1 | 0 | 19.47 | 19.49 | 19.53 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.31 | 19.33 | 19.28 | |
| 5 | 256QAM | 1 | 24 | 19.46 | 19.52 | 19.52 | |
| 5 | 256QAM | 12 | 0 | 19.19 | 19.27 | 19.27 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.28 | 19.26 | 19.34 | |
| 5 | 256QAM | 12 | 13 | 19.33 | 19.30 | 19.33 | |
| 5 | 256QAM | 25 | 0 | 19.21 | 19.19 | 19.15 | |

| Band 17_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 24.56 | 24.56 | 24.53 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.56 | 24.64 | 24.60 | |
| 10 | QPSK | 1 | 49 | 24.62 | 24.65 | 24.62 | |
| 10 | QPSK | 25 | 0 | 23.64 | 23.66 | 23.65 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.73 | 23.71 | |
| 10 | QPSK | 25 | 25 | 23.80 | 23.79 | 23.80 | |
| 10 | QPSK | 50 | 0 | 23.69 | 23.72 | 23.69 | |
| 10 | 16QAM | 1 | 0 | 23.90 | 23.92 | 23.91 | 24.7 |
| 10 | 16QAM | 1 | 25 | 24.01 | 24.01 | 24.00 | |
| 10 | 16QAM | 1 | 49 | 24.01 | 24.02 | 24.02 | |
| 10 | 16QAM | 25 | 0 | 22.65 | 22.64 | 22.64 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.78 | 22.71 | 22.71 | |
| 10 | 16QAM | 25 | 25 | 22.77 | 22.81 | 22.76 | |
| 10 | 16QAM | 50 | 0 | 22.69 | 22.70 | 22.67 | |
| 10 | 64QAM | 1 | 0 | 22.80 | 22.79 | 22.74 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.92 | 22.97 | 22.90 | |
| 10 | 64QAM | 1 | 49 | 22.52 | 22.58 | 22.63 | |
| 10 | 64QAM | 25 | 0 | 21.67 | 21.67 | 21.67 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.84 | 21.78 | 21.76 | |
| 10 | 64QAM | 25 | 25 | 21.80 | 21.82 | 21.82 | |
| 10 | 64QAM | 50 | 0 | 21.70 | 21.71 | 21.71 | |
| 10 | 256QAM | 1 | 0 | 19.44 | 19.37 | 19.33 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.50 | 19.48 | 19.51 | |
| 10 | 256QAM | 1 | 49 | 19.58 | 19.60 | 19.66 | |
| 10 | 256QAM | 25 | 0 | 19.46 | 19.44 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.56 | 19.52 | 19.43 | |
| 10 | 256QAM | 25 | 25 | 19.56 | 19.54 | 19.52 | |
| 10 | 256QAM | 50 | 0 | 19.45 | 19.48 | 19.45 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.57 | 24.56 | 24.55 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.60 | 24.61 | 24.63 | |
| 5 | QPSK | 1 | 24 | 24.64 | 24.61 | 24.64 | |
| 5 | QPSK | 12 | 0 | 23.67 | 23.69 | 23.66 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.78 | 23.74 | 23.69 | |
| 5 | QPSK | 12 | 13 | 23.77 | 23.76 | 23.73 | |
| 5 | QPSK | 25 | 0 | 23.75 | 23.75 | 23.65 | |
| 5 | 16QAM | 1 | 0 | 23.91 | 23.93 | 23.91 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.97 | 24.03 | 23.98 | |
| 5 | 16QAM | 1 | 24 | 24.06 | 24.04 | 24.01 | |
| 5 | 16QAM | 12 | 0 | 22.70 | 22.72 | 22.72 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.74 | 22.73 | |
| 5 | 16QAM | 12 | 13 | 22.78 | 22.77 | 22.74 | |
| 5 | 16QAM | 25 | 0 | 22.74 | 22.75 | 22.69 | |
| 5 | 64QAM | 1 | 0 | 22.89 | 22.87 | 22.88 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.90 | 22.96 | 22.90 | |
| 5 | 64QAM | 1 | 24 | 22.94 | 23.00 | 22.93 | |
| 5 | 64QAM | 12 | 0 | 21.73 | 21.77 | 21.78 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.81 | 21.79 | 21.73 | |
| 5 | 64QAM | 12 | 13 | 21.79 | 21.85 | 21.75 | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.74 | 21.70 | |
| 5 | 256QAM | 1 | 0 | 19.41 | 19.29 | 19.24 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.49 | 19.46 | 19.44 | |
| 5 | 256QAM | 1 | 24 | 19.48 | 19.59 | 19.60 | |
| 5 | 256QAM | 12 | 0 | 19.39 | 19.34 | 19.41 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.58 | 19.47 | 19.40 | |
| 5 | 256QAM | 12 | 13 | 19.53 | 19.54 | 19.52 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.41 | 19.45 | |

## Band 25_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 22.89 | 22.97 | 23.10 | 24.4 |
| 20 | QPSK | 1 | 49 | 22.89 | 23.01 | 23.02 | |
| 20 | QPSK | 1 | 99 | 22.96 | 23.13 | 23.14 | |
| 20 | QPSK | 50 | 0 | 22.97 | 23.11 | 23.20 | 24.4 |
| 20 | QPSK | 50 | 24 | 23.12 | 23.19 | 23.20 | |
| 20 | QPSK | 50 | 50 | 23.13 | 23.20 | 23.27 | |
| 20 | QPSK | 100 | 0 | 23.13 | 23.18 | 23.25 | |
| 20 | 16QAM | 1 | 0 | 23.27 | 23.25 | 23.34 | 24.4 |
| 20 | 16QAM | 1 | 49 | 23.30 | 23.26 | 23.36 | |
| 20 | 16QAM | 1 | 99 | 23.32 | 23.43 | 23.35 | |
| 20 | 16QAM | 50 | 0 | 22.73 | 22.77 | 22.87 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.81 | 22.90 | 22.90 | |
| 20 | 16QAM | 50 | 50 | 22.81 | 22.88 | 22.98 | |
| 20 | 16QAM | 100 | 0 | 22.82 | 22.85 | 22.87 | |
| 20 | 64QAM | 1 | 0 | 22.85 | 22.89 | 22.58 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.83 | 22.86 | 22.16 | |
| 20 | 64QAM | 1 | 99 | 22.91 | 23.04 | 21.91 | |
| 20 | 64QAM | 50 | 0 | 21.75 | 21.80 | 21.26 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.84 | 21.94 | 21.50 | |
| 20 | 64QAM | 50 | 50 | 21.83 | 21.90 | 21.45 | |
| 20 | 64QAM | 100 | 0 | 21.84 | 21.89 | 20.92 | |
| 20 | 256QAM | 1 | 0 | 19.63 | 19.40 | 19.80 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.61 | 19.65 | 19.69 | |
| 20 | 256QAM | 1 | 99 | 19.94 | 19.77 | 19.91 | |
| 20 | 256QAM | 50 | 0 | 19.53 | 19.57 | 19.61 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.75 | 19.58 | 19.67 | |
| 20 | 256QAM | 50 | 50 | 19.70 | 19.64 | 19.79 | |
| 20 | 256QAM | 100 | 0 | 19.58 | 19.65 | 19.75 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 22.86 | 22.96 | 23.10 | 24.4 |
| 15 | QPSK | 1 | 37 | 22.84 | 22.95 | 22.92 | |
| 15 | QPSK | 1 | 74 | 22.92 | 23.03 | 23.09 | |
| 15 | QPSK | 36 | 0 | 22.92 | 23.03 | 23.11 | 24.4 |
| 15 | QPSK | 36 | 20 | 23.06 | 23.15 | 23.20 | |
| 15 | QPSK | 36 | 39 | 23.05 | 23.15 | 23.21 | |
| 15 | QPSK | 75 | 0 | 23.03 | 23.12 | 23.22 | |
| 15 | 16QAM | 1 | 0 | 23.22 | 23.25 | 23.25 | 24.4 |
| 15 | 16QAM | 1 | 37 | 23.25 | 23.26 | 23.26 | |
| 15 | 16QAM | 1 | 74 | 23.30 | 23.40 | 23.30 | |
| 15 | 16QAM | 36 | 0 | 22.66 | 22.74 | 22.81 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.76 | 22.86 | 22.84 | |
| 15 | 16QAM | 36 | 39 | 22.80 | 22.78 | 22.91 | |
| 15 | 16QAM | 75 | 0 | 22.73 | 22.81 | 22.80 | |
| 15 | 64QAM | 1 | 0 | 22.77 | 22.88 | 22.57 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.80 | 22.76 | 22.11 | |
| 15 | 64QAM | 1 | 74 | 22.84 | 22.97 | 21.88 | |
| 15 | 64QAM | 36 | 0 | 21.75 | 21.75 | 21.17 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.79 | 21.86 | 21.41 | |
| 15 | 64QAM | 36 | 39 | 21.78 | 21.84 | 21.43 | |
| 15 | 64QAM | 75 | 0 | 21.83 | 21.82 | 20.88 | |
| 15 | 256QAM | 1 | 0 | 19.58 | 19.34 | 19.80 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.52 | 19.63 | 19.63 | |
| 15 | 256QAM | 1 | 74 | 19.88 | 19.67 | 19.86 | |
| 15 | 256QAM | 36 | 0 | 19.46 | 19.56 | 19.53 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.73 | 19.52 | 19.67 | |
| 15 | 256QAM | 36 | 39 | 19.60 | 19.55 | 19.75 | |
| 15 | 256QAM | 75 | 0 | 19.47 | 19.55 | 19.74 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 22.86 | 22.90 | 23.09 | 24.4 |
| 10 | QPSK | 1 | 25 | 22.80 | 22.92 | 22.94 | |
| 10 | QPSK | 1 | 49 | 22.90 | 23.03 | 23.06 | |
| 10 | QPSK | 25 | 0 | 22.94 | 23.10 | 23.14 | 24.4 |
| 10 | QPSK | 25 | 12 | 23.09 | 23.13 | 23.11 | |
| 10 | QPSK | 25 | 25 | 23.12 | 23.11 | 23.23 | |
| 10 | QPSK | 50 | 0 | 23.09 | 23.09 | 23.15 | |
| 10 | 16QAM | 1 | 0 | 23.17 | 23.22 | 23.29 | 24.4 |
| 10 | 16QAM | 1 | 25 | 23.30 | 23.23 | 23.31 | |
| 10 | 16QAM | 1 | 49 | 23.27 | 23.36 | 23.29 | |
| 10 | 16QAM | 25 | 0 | 22.71 | 22.67 | 22.86 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.81 | 22.87 | 22.87 | |
| 10 | 16QAM | 25 | 25 | 22.81 | 22.88 | 22.95 | |
| 10 | 16QAM | 50 | 0 | 22.79 | 22.83 | 22.83 | |
| 10 | 64QAM | 1 | 0 | 22.75 | 22.81 | 22.51 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.82 | 22.85 | 22.15 | |
| 10 | 64QAM | 1 | 49 | 22.82 | 22.96 | 21.89 | |
| 10 | 64QAM | 25 | 0 | 21.72 | 21.80 | 21.25 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.80 | 21.94 | 21.45 | |
| 10 | 64QAM | 25 | 25 | 21.77 | 21.85 | 21.38 | |
| 10 | 64QAM | 50 | 0 | 21.80 | 21.87 | 20.89 | |
| 10 | 256QAM | 1 | 0 | 19.62 | 19.35 | 19.78 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.59 | 19.60 | 19.65 | |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.75 | 19.85 | |
| 10 | 256QAM | 25 | 0 | 19.53 | 19.56 | 19.52 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.70 | 19.46 | 19.67 | |
| 10 | 256QAM | 25 | 25 | 19.63 | 19.60 | 19.73 | |
| 10 | 256QAM | 50 | 0 | 19.54 | 19.60 | 19.72 | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 22.84 | 22.94 | 23.07 | 24.4 |
| 5 | QPSK | 1 | 12 | 22.82 | 23.00 | 22.99 | |
| 5 | QPSK | 1 | 24 | 22.68 | 23.06 | 23.09 | |
| 5 | QPSK | 12 | 0 | 22.91 | 23.04 | 23.12 | 24.4 |
| 5 | QPSK | 12 | 7 | 23.05 | 23.18 | 23.18 | |
| 5 | QPSK | 12 | 13 | 23.13 | 23.20 | 23.26 | |
| 5 | QPSK | 25 | 0 | 23.09 | 23.08 | 23.21 | |
| 5 | 16QAM | 1 | 0 | 23.22 | 23.19 | 23.27 | 24.4 |
| 5 | 16QAM | 1 | 12 | 23.22 | 23.17 | 23.34 | |
| 5 | 16QAM | 1 | 24 | 23.27 | 23.40 | 23.34 | |
| 5 | 16QAM | 12 | 0 | 22.66 | 22.70 | 22.79 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.80 | 22.81 | 22.81 | |
| 5 | 16QAM | 12 | 13 | 22.79 | 22.84 | 22.93 | |
| 5 | 16QAM | 25 | 0 | 22.76 | 22.79 | 22.84 | |
| 5 | 64QAM | 1 | 0 | 22.82 | 22.87 | 22.55 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.75 | 22.82 | 22.16 | |
| 5 | 64QAM | 1 | 24 | 22.87 | 22.95 | 21.87 | |
| 5 | 64QAM | 12 | 0 | 21.69 | 21.71 | 21.21 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.75 | 21.88 | 21.42 | |
| 5 | 64QAM | 12 | 13 | 21.75 | 21.84 | 21.43 | |
| 5 | 64QAM | 25 | 0 | 21.78 | 21.87 | 20.88 | |
| 5 | 256QAM | 1 | 0 | 19.60 | 19.36 | 19.76 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.58 | 19.55 | 19.62 | |
| 5 | 256QAM | 1 | 24 | 19.84 | 19.69 | 19.85 | |
| 5 | 256QAM | 12 | 0 | 19.50 | 19.52 | 19.56 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.72 | 19.52 | 19.67 | |
| 5 | 256QAM | 12 | 13 | 19.62 | 19.63 | 19.71 | |
| 5 | 256QAM | 25 | 0 | 19.55 | 19.61 | 19.71 | |
| Channel | | | | 26025 | 26340 | 26675 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 22.85 | 22.97 | 23.05 | 24.4 |
| 3 | QPSK | 1 | 8 | 22.79 | 22.94 | 22.96 | |
| 3 | QPSK | 1 | 14 | 22.86 | 23.05 | 23.14 | |
| 3 | QPSK | 8 | 0 | 22.93 | 23.03 | 23.20 | 24.4 |
| 3 | QPSK | 8 | 4 | 23.08 | 23.09 | 23.12 | |
| 3 | QPSK | 8 | 7 | 23.10 | 23.20 | 23.26 | |
| 3 | QPSK | 15 | 0 | 23.04 | 23.14 | 23.24 | |
| 3 | 16QAM | 1 | 0 | 23.17 | 23.17 | 23.28 | 24.4 |
| 3 | 16QAM | 1 | 8 | 23.27 | 23.23 | 23.32 | |
| 3 | 16QAM | 1 | 14 | 23.27 | 23.42 | 23.29 | |
| 3 | 16QAM | 8 | 0 | 22.69 | 22.74 | 22.80 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.79 | 22.81 | 22.85 | |
| 3 | 16QAM | 8 | 7 | 22.81 | 22.81 | 22.90 | |
| 3 | 16QAM | 15 | 0 | 22.73 | 22.75 | 22.77 | |
| 3 | 64QAM | 1 | 0 | 22.80 | 22.87 | 22.52 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.77 | 22.81 | 22.10 | |
| 3 | 64QAM | 1 | 14 | 22.90 | 23.00 | 21.87 | |
| 3 | 64QAM | 8 | 0 | 21.65 | 21.74 | 21.24 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.76 | 21.92 | 21.40 | |
| 3 | 64QAM | 8 | 7 | 21.76 | 21.85 | 21.49 | |
| 3 | 64QAM | 15 | 0 | 21.83 | 21.86 | 20.91 | |
| 3 | 256QAM | 1 | 0 | 19.62 | 19.33 | 19.80 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.53 | 19.58 | 19.63 | |
| 3 | 256QAM | 1 | 14 | 19.92 | 19.71 | 19.85 | |
| 3 | 256QAM | 8 | 0 | 19.43 | 19.48 | 19.57 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.69 | 19.52 | 19.62 | |
| 3 | 256QAM | 8 | 7 | 19.61 | 19.57 | 19.79 | |
| 3 | 256QAM | 15 | 0 | 19.50 | 19.62 | 19.70 | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 22.88 | 22.93 | 23.03 | 24.4 |
| 1.4 | QPSK | 1 | 3 | 22.97 | 23.01 | 23.12 | |
| 1.4 | QPSK | 1 | 5 | 22.96 | 23.01 | 23.08 | |
| 1.4 | QPSK | 3 | 0 | 22.91 | 22.96 | 23.06 | |
| 1.4 | QPSK | 3 | 1 | 22.95 | 23.01 | 23.10 | |
| 1.4 | QPSK | 3 | 3 | 22.94 | 23.05 | 23.11 | |
| 1.4 | QPSK | 6 | 0 | 22.99 | 23.11 | 23.12 | 24.4 |
| 1.4 | 16QAM | 1 | 0 | 23.07 | 23.09 | 23.23 | 24.4 |
| 1.4 | 16QAM | 1 | 3 | 23.17 | 23.26 | 23.41 | |
| 1.4 | 16QAM | 1 | 5 | 23.09 | 23.21 | 23.34 | |
| 1.4 | 16QAM | 3 | 0 | 22.99 | 23.08 | 23.12 | |
| 1.4 | 16QAM | 3 | 1 | 23.03 | 23.06 | 23.26 | |
| 1.4 | 16QAM | 3 | 3 | 23.03 | 23.10 | 23.22 | |
| 1.4 | 16QAM | 6 | 0 | 22.70 | 22.74 | 22.65 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.67 | 22.74 | 21.83 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.85 | 22.91 | 21.85 | |
| 1.4 | 64QAM | 1 | 5 | 22.77 | 22.86 | 21.76 | |
| 1.4 | 64QAM | 3 | 0 | 22.63 | 22.75 | 21.87 | |
| 1.4 | 64QAM | 3 | 1 | 22.75 | 22.84 | 21.93 | |
| 1.4 | 64QAM | 3 | 3 | 22.68 | 22.78 | 21.71 | |
| 1.4 | 64QAM | 6 | 0 | 21.69 | 21.75 | 20.96 | 23.1 |
| 1.4 | 256QAM | 1 | 0 | 19.52 | 19.29 | 19.70 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.46 | 19.49 | 19.57 | |
| 1.4 | 256QAM | 1 | 5 | 19.90 | 19.67 | 19.82 | |
| 1.4 | 256QAM | 3 | 0 | 19.35 | 19.39 | 19.52 | |
| 1.4 | 256QAM | 3 | 1 | 19.67 | 19.50 | 19.60 | |
| 1.4 | 256QAM | 3 | 3 | 19.56 | 19.48 | 19.78 | |
| 1.4 | 256QAM | 6 | 0 | 19.47 | 19.54 | 19.63 | 20.7 |

## Band 26_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26705 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 24.58 | 24.49 | 24.49 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.49 | 24.48 | 24.46 | |
| 15 | QPSK | 1 | 74 | 24.49 | 24.48 | 24.35 | |
| 15 | QPSK | 36 | 0 | 23.64 | 23.62 | 23.61 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.69 | 23.67 | 23.57 | |
| 15 | QPSK | 36 | 39 | 23.64 | 23.63 | 23.59 | |
| 15 | QPSK | 75 | 0 | 23.67 | 23.66 | 23.58 | |
| 15 | 16QAM | 1 | 0 | 23.88 | 23.77 | 23.80 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.79 | 23.78 | 23.78 | |
| 15 | 16QAM | 1 | 74 | 23.77 | 23.71 | 23.66 | |
| 15 | 16QAM | 36 | 0 | 22.63 | 22.62 | 22.59 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.65 | 22.65 | 22.55 | |
| 15 | 16QAM | 36 | 39 | 22.65 | 22.62 | 22.56 | |
| 15 | 16QAM | 75 | 0 | 22.68 | 22.65 | 22.61 | |
| 15 | 64QAM | 1 | 0 | 22.75 | 22.67 | 22.63 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.71 | 22.74 | 22.66 | |
| 15 | 64QAM | 1 | 74 | 22.72 | 22.68 | 22.03 | |
| 15 | 64QAM | 36 | 0 | 21.64 | 21.64 | 21.64 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.68 | 21.68 | 21.61 | |
| 15 | 64QAM | 36 | 39 | 21.67 | 21.64 | 21.63 | |
| 15 | 64QAM | 75 | 0 | 21.70 | 21.67 | 21.59 | |
| 15 | 256QAM | 1 | 0 | 19.49 | 19.43 | 19.44 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.45 | 19.37 | 19.46 | |
| 15 | 256QAM | 1 | 74 | 19.57 | 19.56 | 19.36 | |
| 15 | 256QAM | 36 | 0 | 19.39 | 19.40 | 19.38 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.42 | 19.45 | 19.38 | |
| 15 | 256QAM | 36 | 39 | 19.31 | 19.32 | 19.31 | |
| 15 | 256QAM | 75 | 0 | 19.41 | 19.43 | 19.34 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 24.54 | 24.52 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.53 | 24.52 | 24.49 | |
| 10 | QPSK | 1 | 49 | 24.53 | 24.54 | 24.42 | |
| 10 | QPSK | 25 | 0 | 23.68 | 23.57 | 23.57 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.68 | 23.59 | 23.56 | |
| 10 | QPSK | 25 | 25 | 23.63 | 23.59 | 23.57 | |
| 10 | QPSK | 50 | 0 | 23.65 | 23.65 | 23.54 | |
| 10 | 16QAM | 1 | 0 | 23.99 | 23.87 | 23.88 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.89 | 23.90 | 23.88 | |
| 10 | 16QAM | 1 | 49 | 23.93 | 23.94 | 23.75 | |
| 10 | 16QAM | 25 | 0 | 22.70 | 22.59 | 22.58 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.69 | 22.59 | 22.54 | |
| 10 | 16QAM | 25 | 25 | 22.60 | 22.63 | 22.55 | |
| 10 | 16QAM | 50 | 0 | 22.65 | 22.64 | 22.56 | |
| 10 | 64QAM | 1 | 0 | 22.92 | 22.78 | 22.74 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.80 | 22.80 | 22.78 | |
| 10 | 64QAM | 1 | 49 | 22.81 | 22.80 | 22.08 | |
| 10 | 64QAM | 25 | 0 | 21.51 | 21.60 | 21.62 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.70 | 21.63 | 21.62 | |
| 10 | 64QAM | 25 | 25 | 21.61 | 21.61 | 21.34 | |
| 10 | 64QAM | 50 | 0 | 21.51 | 21.67 | 21.55 | |
| 10 | 256QAM | 1 | 0 | 19.42 | 19.42 | 19.41 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.43 | 19.28 | 19.43 | |
| 10 | 256QAM | 1 | 49 | 19.47 | 19.49 | 19.28 | |
| 10 | 256QAM | 25 | 0 | 19.32 | 19.34 | 19.37 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.42 | 19.38 | |
| 10 | 256QAM | 25 | 25 | 19.29 | 19.25 | 19.24 | |
| 10 | 256QAM | 50 | 0 | 19.33 | 19.33 | 19.30 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 24.50 | 24.50 | 24.55 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.53 | 24.55 | 24.54 | |
| 5 | QPSK | 1 | 24 | 24.50 | 24.56 | 24.42 | |
| 5 | QPSK | 12 | 0 | 23.72 | 23.61 | 23.61 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.69 | 23.64 | 23.58 | |
| 5 | QPSK | 12 | 13 | 23.64 | 23.60 | 23.51 | |
| 5 | QPSK | 25 | 0 | 23.68 | 23.62 | 23.57 | |
| 5 | 16QAM | 1 | 0 | 24.01 | 23.91 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.96 | 23.96 | 23.78 | |
| 5 | 16QAM | 1 | 24 | 23.86 | 23.93 | 23.74 | |
| 5 | 16QAM | 12 | 0 | 22.78 | 22.63 | 22.64 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.73 | 22.68 | 22.59 | |
| 5 | 16QAM | 12 | 13 | 22.65 | 22.61 | 22.52 | |
| 5 | 16QAM | 25 | 0 | 22.69 | 22.62 | 22.58 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.84 | 22.81 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.72 | 22.84 | 22.34 | |
| 5 | 64QAM | 1 | 24 | 22.60 | 22.86 | 22.11 | |
| 5 | 64QAM | 12 | 0 | 21.55 | 21.67 | 21.58 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.67 | 21.71 | 21.21 | |
| 5 | 64QAM | 12 | 13 | 21.58 | 21.64 | 20.94 | |
| 5 | 64QAM | 25 | 0 | 21.52 | 21.68 | 21.22 | |
| 5 | 256QAM | 1 | 0 | 19.42 | 19.34 | 19.36 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.42 | 19.36 | 19.44 | |
| 5 | 256QAM | 1 | 24 | 19.48 | 19.48 | 19.27 | |
| 5 | 256QAM | 12 | 0 | 19.31 | 19.39 | 19.32 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.40 | 19.40 | 19.31 | |
| 5 | 256QAM | 12 | 13 | 19.28 | 19.28 | 19.30 | |
| 5 | 256QAM | 25 | 0 | 19.41 | 19.33 | 19.28 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 24.43 | 24.41 | 24.53 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.52 | 24.50 | 24.54 | |
| 3 | QPSK | 1 | 14 | 24.50 | 24.48 | 24.41 | |
| 3 | QPSK | 8 | 0 | 23.72 | 23.59 | 23.56 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.61 | 23.60 | 23.53 | |
| 3 | QPSK | 8 | 7 | 23.62 | 23.59 | 23.48 | |
| 3 | QPSK | 15 | 0 | 23.61 | 23.58 | 23.48 | |
| 3 | 16QAM | 1 | 0 | 23.93 | 23.87 | 23.87 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.90 | 23.89 | 23.74 | |
| 3 | 16QAM | 1 | 14 | 23.80 | 23.84 | 23.73 | |
| 3 | 16QAM | 8 | 0 | 22.74 | 22.57 | 22.54 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.65 | 22.65 | 22.54 | |
| 3 | 16QAM | 8 | 7 | 22.61 | 22.52 | 22.44 | |
| 3 | 16QAM | 15 | 0 | 22.68 | 22.61 | 22.57 | |
| 3 | 64QAM | 1 | 0 | 22.58 | 22.79 | 22.71 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.87 | 22.84 | 22.24 | |
| 3 | 64QAM | 1 | 14 | 22.59 | 22.86 | 22.11 | |
| 3 | 64QAM | 8 | 0 | 21.45 | 21.62 | 21.53 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.63 | 21.67 | 21.12 | |
| 3 | 64QAM | 8 | 7 | 21.54 | 21.64 | 20.90 | |
| 3 | 64QAM | 15 | 0 | 21.45 | 21.68 | 21.19 | |
| 3 | 256QAM | 1 | 0 | 19.47 | 19.43 | 19.39 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.40 | 19.29 | 19.46 | |
| 3 | 256QAM | 1 | 14 | 19.54 | 19.46 | 19.32 | |
| 3 | 256QAM | 8 | 0 | 19.30 | 19.35 | 19.33 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.41 | 19.37 | 19.29 | |
| 3 | 256QAM | 8 | 7 | 19.24 | 19.24 | 19.25 | |
| 3 | 256QAM | 15 | 0 | 19.34 | 19.42 | 19.25 | |
| Channel | | | | 26627 | 26865 | 27103 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 24.47 | 24.43 | 24.46 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.51 | 24.46 | 24.45 | |
| 1.4 | QPSK | 1 | 5 | 24.49 | 24.50 | 24.32 | |
| 1.4 | QPSK | 3 | 0 | 24.46 | 24.48 | 24.47 | |
| 1.4 | QPSK | 3 | 1 | 24.48 | 24.50 | 24.53 | |
| 1.4 | QPSK | 3 | 3 | 24.46 | 24.48 | 24.32 | |
| 1.4 | QPSK | 6 | 0 | 23.72 | 23.53 | 23.56 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.65 | 23.64 | 23.48 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.60 | 23.59 | 23.41 | |
| 1.4 | 16QAM | 1 | 5 | 23.58 | 23.60 | 23.54 | |
| 1.4 | 16QAM | 3 | 0 | 23.94 | 23.85 | 23.80 | |
| 1.4 | 16QAM | 3 | 1 | 23.87 | 23.88 | 23.77 | |
| 1.4 | 16QAM | 3 | 3 | 23.77 | 23.92 | 23.69 | |
| 1.4 | 16QAM | 6 | 0 | 22.77 | 22.61 | 22.60 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.66 | 22.84 | 22.59 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.55 | 22.61 | 22.43 | |
| 1.4 | 64QAM | 1 | 5 | 22.69 | 22.59 | 22.54 | |
| 1.4 | 64QAM | 3 | 0 | 22.51 | 22.75 | 22.79 | |
| 1.4 | 64QAM | 3 | 1 | 22.62 | 22.80 | 22.24 | |
| 1.4 | 64QAM | 3 | 3 | 22.60 | 22.86 | 22.09 | |
| 1.4 | 64QAM | 6 | 0 | 21.47 | 21.67 | 21.56 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.44 | 19.37 | 19.35 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.38 | 19.34 | 19.42 | |
| 1.4 | 256QAM | 1 | 5 | 19.55 | 19.49 | 19.28 | |
| 1.4 | 256QAM | 3 | 0 | 19.36 | 19.37 | 19.31 | |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.38 | 19.34 | |
| 1.4 | 256QAM | 3 | 3 | 19.21 | 19.27 | 19.28 | |
| 1.4 | 256QAM | 6 | 0 | 19.33 | 19.33 | 19.30 | 20.7 |

**Band 30_Ant 2**

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | | 27710 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | QPSK | 1 | 0 | | 23.15 | | 24.2 |
| 10 | QPSK | 1 | 25 | | 23.09 | | |
| 10 | QPSK | 1 | 49 | | 23.02 | | |
| 10 | QPSK | 25 | 0 | | 22.08 | | 23.2 |
| 10 | QPSK | 25 | 12 | | 22.16 | | |
| 10 | QPSK | 25 | 25 | | 22.18 | | |
| 10 | QPSK | 50 | 0 | | 22.14 | | |
| 10 | 16QAM | 1 | 0 | | 22.44 | | 23.2 |
| 10 | 16QAM | 1 | 25 | | 22.48 | | |
| 10 | 16QAM | 1 | 49 | | 22.41 | | |
| 10 | 16QAM | 25 | 0 | | 21.08 | | 22.2 |
| 10 | 16QAM | 25 | 12 | | 21.14 | | |
| 10 | 16QAM | 25 | 25 | | 21.17 | | |
| 10 | 16QAM | 50 | 0 | | 21.14 | | |
| 10 | 64QAM | 1 | 0 | | 21.29 | | 22.2 |
| 10 | 64QAM | 1 | 25 | | 21.39 | | |
| 10 | 64QAM | 1 | 49 | | 21.27 | | |
| 10 | 64QAM | 25 | 0 | | 20.12 | | 21.2 |
| 10 | 64QAM | 25 | 12 | | 20.20 | | |
| 10 | 64QAM | 25 | 25 | | 20.20 | | |
| 10 | 64QAM | 50 | 0 | | 20.16 | | |
| 10 | 256QAM | 1 | 0 | | 18.80 | | 19.2 |
| 10 | 256QAM | 1 | 25 | | 18.94 | | |
| 10 | 256QAM | 1 | 49 | | 18.91 | | |
| 10 | 256QAM | 25 | 0 | | 18.78 | | 19.2 |
| 10 | 256QAM | 25 | 12 | | 18.73 | | |
| 10 | 256QAM | 25 | 25 | | 18.75 | | |
| 10 | 256QAM | 50 | 0 | | 18.77 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 22.97 | 23.01 | 23.05 | 24.2 |
| 5 | QPSK | 1 | 12 | 23.14 | 23.14 | 23.12 | |
| 5 | QPSK | 1 | 24 | 23.13 | 23.13 | 23.06 | |
| 5 | QPSK | 12 | 0 | 22.10 | 22.12 | 22.16 | 23.2 |
| 5 | QPSK | 12 | 7 | 22.23 | 22.17 | 22.21 | |
| 5 | QPSK | 12 | 13 | 22.22 | 22.17 | 22.19 | |
| 5 | QPSK | 25 | 0 | 22.18 | 22.14 | 22.19 | |
| 5 | 16QAM | 1 | 0 | 22.32 | 22.34 | 22.39 | 23.2 |
| 5 | 16QAM | 1 | 12 | 22.42 | 22.40 | 22.38 | |
| 5 | 16QAM | 1 | 24 | 22.44 | 22.40 | 22.36 | |
| 5 | 16QAM | 12 | 0 | 21.15 | 21.14 | 21.19 | 22.2 |
| 5 | 16QAM | 12 | 7 | 21.24 | 21.20 | 21.22 | |
| 5 | 16QAM | 12 | 13 | 21.25 | 21.18 | 21.22 | |
| 5 | 16QAM | 25 | 0 | 21.21 | 21.16 | 21.20 | |
| 5 | 64QAM | 1 | 0 | 21.28 | 21.32 | 21.34 | 22.2 |
| 5 | 64QAM | 1 | 12 | 21.32 | 21.36 | 21.33 | |
| 5 | 64QAM | 1 | 24 | 21.38 | 21.36 | 21.31 | |
| 5 | 64QAM | 12 | 0 | 20.17 | 20.21 | 20.29 | 21.2 |
| 5 | 64QAM | 12 | 7 | 20.29 | 20.23 | 20.28 | |
| 5 | 64QAM | 12 | 13 | 20.30 | 20.25 | 20.24 | |
| 5 | 64QAM | 25 | 0 | 20.25 | 20.17 | 20.20 | |
| 5 | 256QAM | 1 | 0 | 18.75 | 18.79 | 18.77 | 19.2 |
| 5 | 256QAM | 1 | 12 | 18.87 | 18.90 | 18.85 | |
| 5 | 256QAM | 1 | 24 | 18.90 | 18.83 | 18.87 | |
| 5 | 256QAM | 12 | 0 | 18.76 | 18.69 | 18.69 | 19.2 |
| 5 | 256QAM | 12 | 7 | 18.63 | 18.72 | 18.64 | |
| 5 | 256QAM | 12 | 13 | 18.65 | 18.75 | 18.71 | |
| 5 | 256QAM | 25 | 0 | 18.75 | 18.72 | 18.70 | |

## Band 66_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 23.39 | 23.46 | 23.55 | |
| 20 | QPSK | 1 | 49 | 23.35 | 23.57 | 23.40 | 24 |
| 20 | QPSK | 1 | 99 | 23.58 | 23.60 | 23.15 | |
| 20 | QPSK | 50 | 0 | 22.76 | 22.70 | 22.70 | |
| 20 | QPSK | 50 | 24 | 22.81 | 22.81 | 22.75 | 24 |
| 20 | QPSK | 50 | 50 | 22.82 | 22.87 | 22.76 | |
| 20 | QPSK | 100 | 0 | 22.81 | 22.82 | 22.71 | |
| 20 | 16QAM | 1 | 0 | 23.34 | 23.35 | 23.40 | |
| 20 | 16QAM | 1 | 49 | 23.36 | 23.44 | 23.10 | 24 |
| 20 | 16QAM | 1 | 99 | 23.47 | 23.44 | 23.26 | |
| 20 | 16QAM | 50 | 0 | 22.71 | 22.76 | 22.68 | |
| 20 | 16QAM | 50 | 24 | 22.88 | 22.77 | 22.72 | 23.7 |
| 20 | 16QAM | 50 | 50 | 22.86 | 22.84 | 22.69 | |
| 20 | 16QAM | 100 | 0 | 22.88 | 22.77 | 22.75 | |
| 20 | 64QAM | 1 | 0 | 22.61 | 22.77 | 22.74 | |
| 20 | 64QAM | 1 | 49 | 22.81 | 22.84 | 22.39 | 23.7 |
| 20 | 64QAM | 1 | 99 | 22.89 | 22.89 | 22.38 | |
| 20 | 64QAM | 50 | 0 | 21.76 | 21.74 | 21.54 | |
| 20 | 64QAM | 50 | 24 | 21.93 | 21.78 | 21.46 | 22.7 |
| 20 | 64QAM | 50 | 50 | 21.92 | 21.90 | 21.69 | |
| 20 | 64QAM | 100 | 0 | 21.83 | 21.85 | 21.66 | |
| 20 | 256QAM | 1 | 0 | 19.71 | 19.68 | 19.66 | |
| 20 | 256QAM | 1 | 49 | 19.59 | 19.91 | 19.67 | 20.7 |
| 20 | 256QAM | 1 | 99 | 19.91 | 19.88 | 19.77 | |
| 20 | 256QAM | 50 | 0 | 19.49 | 19.65 | 19.63 | |
| 20 | 256QAM | 50 | 24 | 19.74 | 19.66 | 19.67 | 20.7 |
| 20 | 256QAM | 50 | 50 | 19.67 | 19.62 | 19.54 | |
| 20 | 256QAM | 100 | 0 | 19.69 | 19.69 | 19.62 | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.36 | 23.44 | 23.54 | |
| 15 | QPSK | 1 | 37 | 23.29 | 23.55 | 23.36 | 24 |
| 15 | QPSK | 1 | 74 | 23.50 | 23.52 | 23.07 | |
| 15 | QPSK | 36 | 0 | 22.66 | 22.60 | 22.59 | |
| 15 | QPSK | 36 | 20 | 22.81 | 22.71 | 22.80 | 24 |
| 15 | QPSK | 36 | 39 | 22.77 | 22.84 | 22.68 | |
| 15 | QPSK | 75 | 0 | 22.81 | 22.72 | 22.69 | |
| 15 | 16QAM | 1 | 0 | 23.34 | 23.31 | 23.33 | |
| 15 | 16QAM | 1 | 37 | 23.26 | 23.40 | 23.01 | 24 |
| 15 | 16QAM | 1 | 74 | 23.44 | 23.43 | 23.23 | |
| 15 | 16QAM | 36 | 0 | 22.68 | 22.68 | 22.64 | |
| 15 | 16QAM | 36 | 20 | 22.85 | 22.75 | 22.67 | 23.7 |
| 15 | 16QAM | 36 | 39 | 22.84 | 22.84 | 22.67 | |
| 15 | 16QAM | 75 | 0 | 22.87 | 22.70 | 22.71 | |
| 15 | 64QAM | 1 | 0 | 22.57 | 22.75 | 22.73 | |
| 15 | 64QAM | 1 | 37 | 22.81 | 22.77 | 22.35 | 23.7 |
| 15 | 64QAM | 1 | 74 | 22.62 | 22.86 | 22.34 | |
| 15 | 64QAM | 36 | 0 | 21.73 | 21.64 | 21.54 | |
| 15 | 64QAM | 36 | 20 | 21.89 | 21.70 | 21.43 | 22.7 |
| 15 | 64QAM | 36 | 39 | 21.84 | 21.82 | 21.69 | |
| 15 | 64QAM | 75 | 0 | 21.83 | 21.82 | 21.56 | |
| 15 | 256QAM | 1 | 0 | 19.63 | 19.60 | 19.66 | |
| 15 | 256QAM | 1 | 37 | 19.55 | 19.86 | 19.67 | 20.7 |
| 15 | 256QAM | 1 | 74 | 19.87 | 19.88 | 19.72 | |
| 15 | 256QAM | 36 | 0 | 19.43 | 19.59 | 19.54 | |
| 15 | 256QAM | 36 | 20 | 19.73 | 19.60 | 19.64 | 20.7 |
| 15 | 256QAM | 36 | 39 | 19.67 | 19.59 | 19.52 | |
| 15 | 256QAM | 75 | 0 | 19.62 | 19.65 | 19.58 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.37 | 23.44 | 23.53 | |
| 10 | QPSK | 1 | 25 | 23.33 | 23.49 | 23.38 | 24 |
| 10 | QPSK | 1 | 49 | 23.50 | 23.54 | 23.15 | |
| 10 | QPSK | 25 | 0 | 22.69 | 22.63 | 22.52 | |
| 10 | QPSK | 25 | 12 | 22.79 | 22.77 | 22.71 | 24 |
| 10 | QPSK | 25 | 25 | 22.71 | 22.80 | 22.67 | |
| 10 | QPSK | 50 | 0 | 22.83 | 22.76 | 22.66 | |
| 10 | 16QAM | 1 | 0 | 23.33 | 23.29 | 23.38 | |
| 10 | 16QAM | 1 | 25 | 23.26 | 23.40 | 23.04 | 24 |
| 10 | 16QAM | 1 | 49 | 23.44 | 23.39 | 23.26 | |
| 10 | 16QAM | 25 | 0 | 22.64 | 22.73 | 22.64 | |
| 10 | 16QAM | 25 | 12 | 22.78 | 22.77 | 22.62 | 23.7 |
| 10 | 16QAM | 25 | 25 | 22.79 | 22.80 | 22.59 | |
| 10 | 16QAM | 50 | 0 | 22.78 | 22.76 | 22.73 | |
| 10 | 64QAM | 1 | 0 | 22.57 | 22.71 | 22.73 | |
| 10 | 64QAM | 1 | 25 | 22.71 | 22.79 | 22.33 | 23.7 |
| 10 | 64QAM | 1 | 49 | 22.87 | 22.85 | 22.37 | |
| 10 | 64QAM | 25 | 0 | 21.70 | 21.71 | 21.46 | |
| 10 | 64QAM | 25 | 12 | 21.83 | 21.68 | 21.38 | 22.7 |
| 10 | 64QAM | 25 | 25 | 21.82 | 21.81 | 21.61 | |
| 10 | 64QAM | 50 | 0 | 21.81 | 21.78 | 21.61 | |
| 10 | 256QAM | 1 | 0 | 19.66 | 19.62 | 19.58 | |
| 10 | 256QAM | 1 | 25 | 19.56 | 19.89 | 19.67 | 20.7 |
| 10 | 256QAM | 1 | 49 | 19.91 | 19.85 | 19.69 | |
| 10 | 256QAM | 25 | 0 | 19.45 | 19.60 | 19.61 | |
| 10 | 256QAM | 25 | 12 | 19.67 | 19.66 | 19.57 | 20.7 |
| 10 | 256QAM | 25 | 25 | 19.60 | 19.56 | 19.47 | |
| 10 | 256QAM | 50 | 0 | 19.63 | 19.59 | 19.60 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.30 | 23.46 | 23.54 | |
| 5 | QPSK | 1 | 12 | 23.33 | 23.54 | 23.39 | 24 |
| 5 | QPSK | 1 | 24 | 23.51 | 23.58 | 23.15 | |
| 5 | QPSK | 12 | 0 | 22.67 | 22.65 | 22.55 | |
| 5 | QPSK | 12 | 7 | 22.83 | 22.71 | 22.81 | 24 |
| 5 | QPSK | 12 | 13 | 22.80 | 22.81 | 22.70 | |
| 5 | QPSK | 25 | 0 | 22.74 | 22.69 | 22.63 | |
| 5 | 16QAM | 1 | 0 | 23.24 | 23.27 | 23.37 | |
| 5 | 16QAM | 1 | 12 | 23.34 | 23.40 | 23.06 | 24 |
| 5 | 16QAM | 1 | 24 | 23.38 | 23.35 | 23.21 | |
| 5 | 16QAM | 12 | 0 | 22.68 | 22.69 | 22.60 | |
| 5 | 16QAM | 12 | 7 | 22.84 | 22.77 | 22.71 | 23.7 |
| 5 | 16QAM | 12 | 13 | 22.85 | 22.78 | 22.67 | |
| 5 | 16QAM | 25 | 0 | 22.83 | 22.70 | 22.75 | |
| 5 | 64QAM | 1 | 0 | 22.54 | 22.75 | 22.66 | |
| 5 | 64QAM | 1 | 12 | 22.76 | 22.76 | 22.30 | 23.7 |
| 5 | 64QAM | 1 | 24 | 22.82 | 22.82 | 22.38 | |
| 5 | 64QAM | 12 | 0 | 21.66 | 21.65 | 21.54 | |
| 5 | 64QAM | 12 | 7 | 21.84 | 21.71 | 21.36 | 22.7 |
| 5 | 64QAM | 12 | 13 | 21.88 | 21.81 | 21.60 | |
| 5 | 64QAM | 25 | 0 | 21.78 | 21.80 | 21.61 | |
| 5 | 256QAM | 1 | 0 | 19.63 | 19.68 | 19.61 | |
| 5 | 256QAM | 1 | 12 | 19.49 | 19.88 | 19.63 | 20.7 |
| 5 | 256QAM | 1 | 24 | 19.89 | 19.85 | 19.68 | |
| 5 | 256QAM | 12 | 0 | 19.44 | 19.55 | 19.63 | |
| 5 | 256QAM | 12 | 7 | 19.74 | 19.62 | 19.63 | 20.7 |
| 5 | 256QAM | 12 | 13 | 19.67 | 19.62 | 19.50 | |
| 5 | 256QAM | 25 | 0 | 19.67 | 19.64 | 19.56 | |
| Channel | | | | 131967 | 132322 | 132677 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.38 | 23.42 | 23.49 | |
| 3 | QPSK | 1 | 8 | 23.26 | 23.49 | 23.37 | 24 |
| 3 | QPSK | 1 | 14 | 23.53 | 23.56 | 23.12 | |
| 3 | QPSK | 8 | 0 | 22.70 | 22.64 | 22.56 | |
| 3 | QPSK | 8 | 4 | 22.75 | 22.75 | 22.71 | 24 |
| 3 | QPSK | 8 | 7 | 22.80 | 22.80 | 22.69 | |
| 3 | QPSK | 15 | 0 | 22.77 | 22.78 | 22.66 | |
| 3 | 16QAM | 1 | 0 | 23.27 | 23.27 | 23.32 | |
| 3 | 16QAM | 1 | 8 | 23.26 | 23.42 | 23.03 | 24 |
| 3 | 16QAM | 1 | 14 | 23.38 | 23.44 | 23.24 | |
| 3 | 16QAM | 8 | 0 | 22.71 | 22.74 | 22.62 | |
| 3 | 16QAM | 8 | 4 | 22.79 | 22.73 | 22.69 | 23.7 |
| 3 | 16QAM | 8 | 7 | 22.80 | 22.79 | 22.68 | |
| 3 | 16QAM | 15 | 0 | 22.85 | 22.72 | 22.74 | |
| 3 | 64QAM | 1 | 0 | 22.58 | 22.77 | 22.64 | |
| 3 | 64QAM | 1 | 8 | 22.78 | 22.76 | 22.39 | 23.7 |
| 3 | 64QAM | 1 | 14 | 22.81 | 22.83 | 22.38 | |
| 3 | 64QAM | 8 | 0 | 21.75 | 21.69 | 21.46 | |
| 3 | 64QAM | 8 | 4 | 21.90 | 21.76 | 21.41 | 22.7 |
| 3 | 64QAM | 8 | 7 | 21.87 | 21.87 | 21.69 | |
| 3 | 64QAM | 15 | 0 | 21.80 | 21.78 | 21.58 | |
| 3 | 256QAM | 1 | 0 | 19.67 | 19.59 | 19.61 | |
| 3 | 256QAM | 1 | 8 | 19.50 | 19.89 | 19.65 | 20.7 |
| 3 | 256QAM | 1 | 14 | 19.82 | 19.78 | 19.75 | |
| 3 | 256QAM | 8 | 0 | 19.47 | 19.55 | 19.55 | |
| 3 | 256QAM | 8 | 4 | 19.74 | 19.56 | 19.61 | 20.7 |
| 3 | 256QAM | 8 | 7 | 19.61 | 19.62 | 19.49 | |
| 3 | 256QAM | 15 | 0 | 19.62 | 19.65 | 19.59 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.11 | 23.15 | 23.03 | |
| 1.4 | QPSK | 1 | 3 | 23.18 | 23.25 | 23.14 | |
| 1.4 | QPSK | 1 | 5 | 23.14 | 23.19 | 23.04 | 24 |
| 1.4 | QPSK | 3 | 0 | 23.18 | 23.20 | 23.11 | |
| 1.4 | QPSK | 3 | 1 | 23.24 | 23.29 | 23.16 | |
| 1.4 | QPSK | 3 | 3 | 23.23 | 23.23 | 23.08 | |
| 1.4 | QPSK | 6 | 0 | 23.26 | 23.29 | 23.18 | 24 |
| 1.4 | 16QAM | 1 | 0 | 23.39 | 23.44 | 23.29 | |
| 1.4 | 16QAM | 1 | 3 | 23.46 | 23.50 | 23.35 | |
| 1.4 | 16QAM | 1 | 5 | 23.43 | 23.39 | 23.32 | 24 |
| 1.4 | 16QAM | 3 | 0 | 23.25 | 23.25 | 23.21 | |
| 1.4 | 16QAM | 3 | 1 | 23.36 | 23.44 | 23.19 | |
| 1.4 | 16QAM | 3 | 3 | 23.18 | 23.36 | 23.21 | |
| 1.4 | 16QAM | 6 | 0 | 22.74 | 22.85 | 22.69 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.73 | 22.78 | 22.70 | |
| 1.4 | 64QAM | 1 | 3 | 22.90 | 22.92 | 22.78 | |
| 1.4 | 64QAM | 1 | 5 | 22.76 | 22.83 | 22.71 | 23.7 |
| 1.4 | 64QAM | 3 | 0 | 22.73 | 22.85 | 22.68 | |
| 1.4 | 64QAM | 3 | 1 | 22.80 | 22.94 | 22.71 | |
| 1.4 | 64QAM | 3 | 3 | 22.77 | 22.77 | 22.65 | |
| 1.4 | 64QAM | 6 | 0 | 21.72 | 21.76 | 21.66 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.63 | 19.58 | 19.51 | |
| 1.4 | 256QAM | 1 | 3 | 19.49 | 19.85 | 19.60 | |
| 1.4 | 256QAM | 1 | 5 | 19.77 | 19.71 | 19.69 | 20.7 |
| 1.4 | 256QAM | 3 | 0 | 19.38 | 19.46 | 19.53 | |
| 1.4 | 256QAM | 3 | 1 | 19.64 | 19.48 | 19.58 | |
| 1.4 | 256QAM | 3 | 3 | 19.54 | 19.52 | 19.40 | |
| 1.4 | 256QAM | 6 | 0 | 19.54 | 19.62 | 19.59 | 20.7 |

## Band 71_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 133222 | 133322 | 133372 | |
| Frequency (MHz) | | | | 673 | 683 | 688 | |
| 20 | QPSK | 1 | 0 | 24.65 | 24.57 | 24.52 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.58 | 24.53 | 24.51 | |
| 20 | QPSK | 1 | 99 | 24.51 | 24.53 | 24.50 | |
| 20 | QPSK | 50 | 0 | 23.69 | 23.66 | 23.58 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.71 | 23.61 | 23.61 | |
| 20 | QPSK | 50 | 50 | 23.70 | 23.64 | 23.63 | |
| 20 | QPSK | 100 | 0 | 23.70 | 23.60 | 23.58 | |
| 20 | 16QAM | 1 | 0 | 24.02 | 23.92 | 23.82 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.92 | 23.89 | 23.85 | |
| 20 | 16QAM | 1 | 99 | 23.89 | 23.86 | 23.85 | |
| 20 | 16QAM | 50 | 0 | 22.70 | 22.66 | 22.57 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.73 | 22.63 | 22.61 | |
| 20 | 16QAM | 50 | 50 | 22.70 | 22.66 | 22.64 | |
| 20 | 16QAM | 100 | 0 | 22.70 | 22.62 | 22.59 | |
| 20 | 64QAM | 1 | 0 | 22.82 | 22.75 | 22.74 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.81 | 22.69 | 22.71 | |
| 20 | 64QAM | 1 | 99 | 22.78 | 22.77 | 22.76 | |
| 20 | 64QAM | 50 | 0 | 21.58 | 21.67 | 21.61 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.73 | 21.65 | 21.65 | |
| 20 | 64QAM | 50 | 50 | 21.71 | 21.66 | 21.65 | |
| 20 | 64QAM | 100 | 0 | 21.74 | 21.62 | 21.62 | |
| 20 | 256QAM | 1 | 0 | 19.58 | 19.60 | 19.37 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.41 | 19.36 | 19.39 | |
| 20 | 256QAM | 1 | 99 | 19.45 | 19.55 | 19.55 | |
| 20 | 256QAM | 50 | 0 | 19.41 | 19.47 | 19.44 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.38 | 19.44 | 19.38 | |
| 20 | 256QAM | 50 | 50 | 19.40 | 19.36 | 19.29 | |
| 20 | 256QAM | 100 | 0 | 19.43 | 19.43 | 19.32 | |
| Channel | | | | 133197 | 133297 | 133397 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 24.64 | 24.57 | 24.53 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.50 | 24.53 | 24.52 | |
| 15 | QPSK | 1 | 74 | 24.53 | 24.58 | 24.53 | |
| 15 | QPSK | 36 | 0 | 23.68 | 23.64 | 23.60 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.71 | 23.69 | 23.69 | |
| 15 | QPSK | 36 | 39 | 23.64 | 23.63 | 23.61 | |
| 15 | QPSK | 75 | 0 | 23.72 | 23.69 | 23.69 | |
| 15 | 16QAM | 1 | 0 | 24.01 | 23.93 | 23.84 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.84 | 23.90 | 23.88 | |
| 15 | 16QAM | 1 | 74 | 23.82 | 23.92 | 23.84 | |
| 15 | 16QAM | 36 | 0 | 22.68 | 22.64 | 22.62 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.71 | 22.69 | 22.68 | |
| 15 | 16QAM | 36 | 39 | 22.64 | 22.62 | 22.63 | |
| 15 | 16QAM | 75 | 0 | 22.73 | 22.69 | 22.67 | |
| 15 | 64QAM | 1 | 0 | 22.47 | 22.79 | 22.75 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.63 | 22.78 | 22.78 | |
| 15 | 64QAM | 1 | 74 | 22.75 | 22.83 | 22.77 | |
| 15 | 64QAM | 36 | 0 | 21.48 | 21.69 | 21.63 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.52 | 21.71 | 21.71 | |
| 15 | 64QAM | 36 | 39 | 21.66 | 21.65 | 21.66 | |
| 15 | 64QAM | 75 | 0 | 21.70 | 21.70 | 21.68 | |
| 15 | 256QAM | 1 | 0 | 19.49 | 19.52 | 19.27 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.33 | 19.28 | 19.32 | |
| 15 | 256QAM | 1 | 74 | 19.40 | 19.51 | 19.52 | |
| 15 | 256QAM | 36 | 0 | 19.35 | 19.41 | 19.37 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.32 | 19.43 | 19.30 | |
| 15 | 256QAM | 36 | 39 | 19.30 | 19.36 | 19.25 | |
| 15 | 256QAM | 75 | 0 | 19.38 | 19.38 | 19.31 | |
| Channel | | | | 133172 | 133272 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 678 | 693 | |
| 10 | QPSK | 1 | 0 | 24.62 | 24.57 | 24.49 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.55 | 24.45 | 24.50 | |
| 10 | QPSK | 1 | 49 | 24.52 | 24.51 | 24.45 | |
| 10 | QPSK | 25 | 0 | 23.72 | 23.58 | 23.53 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.71 | 23.58 | 23.59 | |
| 10 | QPSK | 25 | 25 | 23.66 | 23.62 | 23.61 | |
| 10 | QPSK | 50 | 0 | 23.71 | 23.65 | 23.56 | |
| 10 | 16QAM | 1 | 0 | 24.05 | 23.91 | 23.84 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.93 | 23.86 | 23.89 | |
| 10 | 16QAM | 1 | 49 | 23.68 | 23.90 | 23.83 | |
| 10 | 16QAM | 25 | 0 | 22.72 | 22.55 | 22.54 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.71 | 22.57 | 22.54 | |
| 10 | 16QAM | 25 | 25 | 22.64 | 22.60 | 22.61 | |
| 10 | 16QAM | 50 | 0 | 22.71 | 22.63 | 22.54 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.78 | 22.73 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.58 | 22.79 | 22.80 | |
| 10 | 64QAM | 1 | 49 | 22.66 | 22.81 | 22.71 | |
| 10 | 64QAM | 25 | 0 | 21.32 | 21.59 | 21.60 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.33 | 21.60 | 21.62 | |
| 10 | 64QAM | 25 | 25 | 21.28 | 21.65 | 21.64 | |
| 10 | 64QAM | 50 | 0 | 21.41 | 21.66 | 21.57 | |
| 10 | 256QAM | 1 | 0 | 19.55 | 19.57 | 19.36 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.38 | 19.28 | 19.34 | |
| 10 | 256QAM | 1 | 49 | 19.37 | 19.45 | 19.55 | |
| 10 | 256QAM | 25 | 0 | 19.34 | 19.42 | 19.37 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.32 | 19.35 | 19.32 | |
| 10 | 256QAM | 25 | 25 | 19.40 | 19.28 | 19.28 | |
| 10 | 256QAM | 50 | 0 | 19.36 | 19.33 | 19.22 | |
| Channel | | | | 133147 | 133247 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 675.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 24.60 | 24.57 | 24.58 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.61 | 24.54 | 24.56 | |
| 5 | QPSK | 1 | 24 | 24.56 | 24.54 | 24.47 | |
| 5 | QPSK | 12 | 0 | 23.79 | 23.63 | 23.64 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.73 | 23.64 | 23.70 | |
| 5 | QPSK | 12 | 13 | 23.66 | 23.60 | 23.61 | |
| 5 | QPSK | 25 | 0 | 23.70 | 23.64 | 23.59 | |
| 5 | 16QAM | 1 | 0 | 24.02 | 23.92 | 23.89 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.95 | 23.90 | 23.88 | |
| 5 | 16QAM | 1 | 24 | 23.89 | 23.86 | 23.83 | |
| 5 | 16QAM | 12 | 0 | 22.82 | 22.66 | 22.68 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.68 | 22.70 | |
| 5 | 16QAM | 12 | 13 | 22.69 | 22.61 | 22.61 | |
| 5 | 16QAM | 25 | 0 | 22.73 | 22.65 | 22.62 | |
| 5 | 64QAM | 1 | 0 | 22.23 | 22.90 | 22.79 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.48 | 22.85 | 22.81 | |
| 5 | 64QAM | 1 | 24 | 22.47 | 22.83 | 22.78 | |
| 5 | 64QAM | 12 | 0 | 21.34 | 21.70 | 21.71 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.49 | 21.70 | 21.73 | |
| 5 | 64QAM | 12 | 13 | 21.38 | 21.64 | 21.65 | |
| 5 | 64QAM | 25 | 0 | 21.31 | 21.67 | 21.62 | |
| 5 | 256QAM | 1 | 0 | 19.55 | 19.52 | 19.31 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.37 | 19.28 | 19.36 | |
| 5 | 256QAM | 1 | 24 | 19.36 | 19.47 | 19.55 | |
| 5 | 256QAM | 12 | 0 | 19.35 | 19.45 | 19.34 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.37 | 19.39 | 19.32 | |
| 5 | 256QAM | 12 | 13 | 19.36 | 19.36 | 19.20 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.35 | 19.31 | |

## Band 2_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | QPSK | 1 | 0 | 23.55 | 23.59 | 23.70 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.51 | 23.65 | 23.64 | |
| 20 | QPSK | 1 | 99 | 23.55 | 23.61 | 23.62 | |
| 20 | QPSK | 50 | 0 | 22.57 | 22.71 | 22.71 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.67 | 22.73 | 22.73 | |
| 20 | QPSK | 50 | 50 | 22.65 | 22.77 | 22.84 | |
| 20 | QPSK | 100 | 0 | 22.68 | 22.69 | 22.74 | |
| 20 | 16QAM | 1 | 0 | 22.96 | 22.95 | 22.98 | 24.5 |
| 20 | 16QAM | 1 | 49 | 22.84 | 22.98 | 22.94 | |
| 20 | 16QAM | 1 | 99 | 22.84 | 22.90 | 22.91 | |
| 20 | 16QAM | 50 | 0 | 21.60 | 21.72 | 21.72 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.68 | 21.75 | 21.77 | |
| 20 | 16QAM | 50 | 50 | 21.66 | 21.78 | 21.83 | |
| 20 | 16QAM | 100 | 0 | 21.65 | 21.68 | 21.75 | |
| 20 | 64QAM | 1 | 0 | 22.73 | 21.80 | 21.88 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.72 | 21.87 | 21.33 | |
| 20 | 64QAM | 1 | 99 | 22.82 | 21.79 | 21.82 | |
| 20 | 64QAM | 50 | 0 | 21.58 | 20.73 | 20.74 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.66 | 20.77 | 20.50 | |
| 20 | 64QAM | 50 | 50 | 21.64 | 20.80 | 20.76 | |
| 20 | 64QAM | 100 | 0 | 21.65 | 20.74 | 20.60 | |
| 20 | 256QAM | 1 | 0 | 18.70 | 18.84 | 18.90 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.81 | 18.99 | 18.96 | |
| 20 | 256QAM | 1 | 99 | 18.86 | 18.97 | 19.03 | |
| 20 | 256QAM | 50 | 0 | 18.64 | 18.75 | 18.80 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.76 | 18.80 | 18.85 | |
| 20 | 256QAM | 50 | 50 | 18.83 | 18.86 | 18.96 | |
| 20 | 256QAM | 100 | 0 | 18.76 | 18.81 | 18.86 | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | QPSK | 1 | 0 | 23.54 | 23.59 | 23.68 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.51 | 23.62 | 23.58 | |
| 15 | QPSK | 1 | 74 | 23.52 | 23.59 | 23.54 | |
| 15 | QPSK | 36 | 0 | 22.56 | 22.69 | 22.64 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.67 | 22.63 | 22.65 | |
| 15 | QPSK | 36 | 39 | 22.59 | 22.69 | 22.76 | |
| 15 | QPSK | 75 | 0 | 22.62 | 22.65 | 22.69 | |
| 15 | 16QAM | 1 | 0 | 22.90 | 22.88 | 22.88 | 24.5 |
| 15 | 16QAM | 1 | 37 | 22.83 | 22.96 | 22.91 | |
| 15 | 16QAM | 1 | 74 | 22.81 | 22.89 | 22.82 | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.64 | 21.64 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.60 | 21.73 | 21.76 | |
| 15 | 16QAM | 36 | 39 | 21.60 | 21.70 | 21.76 | |
| 15 | 16QAM | 75 | 0 | 21.60 | 21.58 | 21.71 | |
| 15 | 64QAM | 1 | 0 | 22.65 | 21.72 | 21.83 | 23.5 |
| 15 | 64QAM | 1 | 37 | 22.72 | 21.82 | 21.55 | |
| 15 | 64QAM | 1 | 74 | 22.81 | 21.79 | 21.80 | |
| 15 | 64QAM | 36 | 0 | 21.51 | 20.63 | 20.71 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.65 | 20.74 | 20.58 | |
| 15 | 64QAM | 36 | 39 | 21.56 | 20.70 | 20.74 | |
| 15 | 64QAM | 75 | 0 | 21.55 | 20.66 | 20.59 | |
| 15 | 256QAM | 1 | 0 | 18.60 | 18.75 | 18.85 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.71 | 18.90 | 18.95 | |
| 15 | 256QAM | 1 | 74 | 18.79 | 18.89 | 18.95 | |
| 15 | 256QAM | 36 | 0 | 18.57 | 18.70 | 18.76 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.74 | 18.79 | 18.85 | |
| 15 | 256QAM | 36 | 39 | 18.75 | 18.78 | 18.86 | |
| 15 | 256QAM | 75 | 0 | 18.72 | 18.80 | 18.85 | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | QPSK | 1 | 0 | 23.53 | 23.51 | 23.69 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.51 | 23.58 | 23.55 | |
| 10 | QPSK | 1 | 49 | 23.52 | 23.57 | 23.62 | |
| 10 | QPSK | 25 | 0 | 22.53 | 22.63 | 22.62 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.64 | 22.64 | 22.66 | |
| 10 | QPSK | 25 | 25 | 22.63 | 22.71 | 22.83 | |
| 10 | QPSK | 50 | 0 | 22.59 | 22.67 | 22.64 | |
| 10 | 16QAM | 1 | 0 | 22.95 | 22.93 | 22.96 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.78 | 22.98 | 22.90 | |
| 10 | 16QAM | 1 | 49 | 22.75 | 22.85 | 22.89 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.62 | 21.67 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.63 | 21.70 | 21.70 | |
| 10 | 16QAM | 25 | 25 | 21.64 | 21.74 | 21.74 | |
| 10 | 16QAM | 50 | 0 | 21.62 | 21.61 | 21.74 | |
| 10 | 64QAM | 1 | 0 | 22.67 | 21.72 | 21.84 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.70 | 21.84 | 21.52 | |
| 10 | 64QAM | 1 | 49 | 22.73 | 21.72 | 21.74 | |
| 10 | 64QAM | 25 | 0 | 21.52 | 20.66 | 20.71 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.59 | 20.69 | 20.52 | |
| 10 | 64QAM | 25 | 25 | 21.60 | 20.73 | 20.70 | |
| 10 | 64QAM | 50 | 0 | 21.59 | 20.65 | 20.56 | |
| 10 | 256QAM | 1 | 0 | 18.62 | 18.81 | 18.89 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.73 | 18.96 | 18.95 | |
| 10 | 256QAM | 1 | 49 | 18.76 | 18.97 | 18.94 | |
| 10 | 256QAM | 25 | 0 | 18.54 | 18.75 | 18.80 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.73 | 18.77 | 18.83 | |
| 10 | 256QAM | 25 | 25 | 18.76 | 18.81 | 18.95 | |
| 10 | 256QAM | 50 | 0 | 18.67 | 18.79 | 18.83 | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | QPSK | 1 | 0 | 23.55 | 23.56 | 23.66 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.57 | 23.62 | |
| 5 | QPSK | 1 | 24 | 23.54 | 23.54 | 23.61 | |
| 5 | QPSK | 12 | 0 | 22.53 | 22.63 | 22.61 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.57 | 22.63 | 22.67 | |
| 5 | QPSK | 12 | 13 | 22.65 | 22.76 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.63 | 22.68 | 22.74 | |
| 5 | 16QAM | 1 | 0 | 22.93 | 22.89 | 22.98 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.81 | 22.93 | 22.91 | |
| 5 | 16QAM | 1 | 24 | 22.81 | 22.82 | 22.86 | |
| 5 | 16QAM | 12 | 0 | 21.59 | 21.71 | 21.67 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.64 | 21.73 | 21.75 | |
| 5 | 16QAM | 12 | 13 | 21.63 | 21.68 | 21.77 | |
| 5 | 16QAM | 25 | 0 | 21.58 | 21.60 | 21.69 | |
| 5 | 64QAM | 1 | 0 | 22.71 | 21.79 | 21.86 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.69 | 21.82 | 21.53 | |
| 5 | 64QAM | 1 | 24 | 22.75 | 21.71 | 21.81 | |
| 5 | 64QAM | 12 | 0 | 21.50 | 20.68 | 20.66 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.60 | 20.69 | 20.50 | |
| 5 | 64QAM | 12 | 13 | 21.63 | 20.70 | 20.67 | |
| 5 | 64QAM | 25 | 0 | 21.62 | 20.72 | 20.57 | |
| 5 | 256QAM | 1 | 0 | 18.70 | 18.80 | 18.88 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.94 | 18.88 | |
| 5 | 256QAM | 1 | 24 | 18.80 | 18.87 | 19.03 | |
| 5 | 256QAM | 12 | 0 | 18.62 | 18.74 | 18.78 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.68 | 18.79 | 18.77 | |
| 5 | 256QAM | 12 | 13 | 18.80 | 18.83 | 18.88 | |
| 5 | 256QAM | 25 | 0 | 18.76 | 18.77 | 18.83 | |
| Channel | | | | 18575 | 18900 | 19225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | |
| 3 | QPSK | 1 | 0 | 23.56 | 23.50 | 23.66 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.51 | 23.65 | 23.57 | |
| 3 | QPSK | 1 | 14 | 23.51 | 23.52 | 23.54 | |
| 3 | QPSK | 8 | 0 | 22.52 | 22.70 | 22.69 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.67 | 22.70 | 22.69 | |
| 3 | QPSK | 8 | 7 | 22.64 | 22.76 | 22.78 | |
| 3 | QPSK | 15 | 0 | 22.61 | 22.67 | 22.67 | |
| 3 | 16QAM | 1 | 0 | 22.91 | 22.91 | 22.96 | 24.5 |
| 3 | 16QAM | 1 | 8 | 22.81 | 22.89 | 22.88 | |
| 3 | 16QAM | 1 | 14 | 22.83 | 22.87 | 22.85 | |
| 3 | 16QAM | 8 | 0 | 21.55 | 21.66 | 21.72 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.62 | 21.66 | 21.76 | |
| 3 | 16QAM | 8 | 7 | 21.59 | 21.71 | 21.76 | |
| 3 | 16QAM | 15 | 0 | 21.55 | 21.62 | 21.72 | |
| 3 | 64QAM | 1 | 0 | 22.70 | 21.80 | 21.80 | 23.5 |
| 3 | 64QAM | 1 | 8 | 22.66 | 21.79 | 21.53 | |
| 3 | 64QAM | 1 | 14 | 22.82 | 21.79 | 21.73 | |
| 3 | 64QAM | 8 | 0 | 21.52 | 20.73 | 20.67 | 22.5 |
| 3 | 64QAM | 8 | 4 | 21.56 | 20.73 | 21.58 | |
| 3 | 64QAM | 8 | 7 | 21.57 | 20.78 | 20.69 | |
| 3 | 64QAM | 15 | 0 | 21.63 | 20.74 | 20.54 | |
| 3 | 256QAM | 1 | 0 | 18.70 | 18.81 | 18.88 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.81 | 18.95 | 18.95 | |
| 3 | 256QAM | 1 | 14 | 18.83 | 18.94 | 19.03 | |
| 3 | 256QAM | 8 | 0 | 18.59 | 18.66 | 18.70 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.74 | 18.72 | 18.75 | |
| 3 | 256QAM | 8 | 7 | 18.74 | 18.84 | 18.91 | |
| 3 | 256QAM | 15 | 0 | 18.71 | 18.80 | 18.84 | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | |
| 1.4 | QPSK | 1 | 0 | 23.51 | 23.52 | 23.57 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.56 | 23.61 | 23.63 | |
| 1.4 | QPSK | 1 | 5 | 23.50 | 23.57 | 23.58 | |
| 1.4 | QPSK | 3 | 0 | 23.55 | 23.54 | 23.61 | |
| 1.4 | QPSK | 3 | 1 | 23.58 | 23.65 | 23.66 | |
| 1.4 | QPSK | 3 | 3 | 23.53 | 23.60 | 23.63 | |
| 1.4 | QPSK | 6 | 0 | 22.59 | 22.56 | 22.72 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.72 | 22.79 | 22.95 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 22.80 | 22.95 | 22.96 | |
| 1.4 | 16QAM | 1 | 5 | 22.74 | 22.85 | 22.92 | |
| 1.4 | 16QAM | 3 | 0 | 22.51 | 22.62 | 22.69 | |
| 1.4 | 16QAM | 3 | 1 | 22.58 | 22.71 | 22.74 | |
| 1.4 | 16QAM | 3 | 3 | 22.50 | 22.66 | 22.66 | |
| 1.4 | 16QAM | 6 | 0 | 21.57 | 21.68 | 21.70 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.68 | 21.76 | 21.94 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.70 | 21.86 | 21.89 | |
| 1.4 | 64QAM | 1 | 5 | 21.62 | 21.82 | 21.83 | |
| 1.4 | 64QAM | 3 | 0 | 21.64 | 21.71 | 21.82 | |
| 1.4 | 64QAM | 3 | 1 | 21.67 | 21.84 | 21.87 | |
| 1.4 | 64QAM | 3 | 3 | 21.64 | 21.78 | 21.80 | |
| 1.4 | 64QAM | 6 | 0 | 20.51 | 20.60 | 20.74 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.63 | 18.60 | 18.62 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.64 | 18.67 | 18.66 | |
| 1.4 | 256QAM | 1 | 5 | 18.67 | 18.67 | 18.60 | |
| 1.4 | 256QAM | 3 | 0 | 18.65 | 18.68 | 18.61 | |
| 1.4 | 256QAM | 3 | 1 | 18.62 | 18.65 | 18.66 | |
| 1.4 | 256QAM | 3 | 3 | 18.64 | 18.69 | 18.67 | |
| 1.4 | 256QAM | 6 | 0 | 18.66 | 18.67 | 18.67 | 20.5 |

## Band 4_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20050 | 20175 | 20300 | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | |
| 20 | QPSK | 1 | 0 | 23.58 | 23.59 | 23.52 | 25.1 |
| 20 | QPSK | 1 | 49 | 23.41 | 23.38 | 23.33 | |
| 20 | QPSK | 1 | 99 | 23.39 | 23.35 | 23.34 | |
| 20 | QPSK | 50 | 0 | 23.00 | 23.01 | 22.97 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.01 | 22.93 | 22.90 | |
| 20 | QPSK | 50 | 50 | 22.92 | 22.92 | 22.88 | |
| 20 | QPSK | 100 | 0 | 22.97 | 22.95 | 22.85 | |
| 20 | 16QAM | 1 | 0 | 23.29 | 23.32 | 23.30 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.14 | 23.17 | 23.11 | |
| 20 | 16QAM | 1 | 99 | 23.14 | 23.07 | 23.06 | |
| 20 | 16QAM | 50 | 0 | 22.01 | 22.01 | 21.98 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.02 | 21.93 | 21.91 | |
| 20 | 16QAM | 50 | 50 | 21.94 | 21.92 | 21.90 | |
| 20 | 16QAM | 100 | 0 | 22.02 | 21.93 | 21.87 | |
| 20 | 64QAM | 1 | 0 | 21.26 | 22.20 | 22.07 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.05 | 22.03 | 21.99 | |
| 20 | 64QAM | 1 | 99 | 22.01 | 21.88 | 21.96 | |
| 20 | 64QAM | 50 | 0 | 20.87 | 21.05 | 20.83 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.04 | 20.97 | 20.93 | |
| 20 | 64QAM | 50 | 50 | 20.96 | 20.86 | 20.90 | |
| 20 | 64QAM | 100 | 0 | 21.04 | 20.95 | 20.90 | |
| 20 | 256QAM | 1 | 0 | 18.96 | 18.84 | 18.98 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.98 | 18.76 | 18.80 | |
| 20 | 256QAM | 1 | 99 | 19.00 | 18.94 | 18.89 | |
| 20 | 256QAM | 50 | 0 | 18.84 | 18.91 | 18.83 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.84 | 18.86 | 18.78 | |
| 20 | 256QAM | 50 | 50 | 18.91 | 18.88 | 18.78 | |
| 20 | 256QAM | 100 | 0 | 18.98 | 18.88 | 18.90 | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | |
| 15 | QPSK | 1 | 0 | 23.53 | 23.56 | 23.48 | 25.1 |
| 15 | QPSK | 1 | 37 | 23.40 | 23.28 | 23.24 | |
| 15 | QPSK | 1 | 74 | 23.37 | 23.25 | 23.31 | |
| 15 | QPSK | 36 | 0 | 23.00 | 22.95 | 22.93 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.92 | 22.92 | 22.84 | |
| 15 | QPSK | 36 | 39 | 22.88 | 22.83 | 22.81 | |
| 15 | QPSK | 75 | 0 | 22.90 | 22.89 | 22.79 | |
| 15 | 16QAM | 1 | 0 | 23.20 | 23.31 | 23.26 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.04 | 23.09 | 23.02 | |
| 15 | 16QAM | 1 | 74 | 23.07 | 22.97 | 22.99 | |
| 15 | 16QAM | 36 | 0 | 21.96 | 21.95 | 21.94 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.98 | 21.92 | 21.83 | |
| 15 | 16QAM | 36 | 39 | 21.85 | 21.92 | 21.86 | |
| 15 | 16QAM | 75 | 0 | 21.97 | 21.83 | 21.78 | |
| 15 | 64QAM | 1 | 0 | 21.25 | 22.18 | 21.97 | 23.5 |
| 15 | 64QAM | 1 | 37 | 22.00 | 21.94 | 21.97 | |
| 15 | 64QAM | 1 | 74 | 21.92 | 21.88 | 21.95 | |
| 15 | 64QAM | 36 | 0 | 20.86 | 20.99 | 20.89 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.04 | 20.97 | 20.99 | |
| 15 | 64QAM | 36 | 39 | 20.94 | 20.76 | 20.86 | |
| 15 | 64QAM | 75 | 0 | 20.98 | 20.91 | 20.80 | |
| 15 | 256QAM | 1 | 0 | 18.86 | 18.82 | 18.93 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.95 | 18.75 | 18.74 | |
| 15 | 256QAM | 1 | 74 | 18.96 | 18.84 | 18.86 | |
| 15 | 256QAM | 36 | 0 | 18.76 | 18.90 | 18.83 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.77 | 18.79 | 18.66 | |
| 15 | 256QAM | 36 | 39 | 18.87 | 18.84 | 18.73 | |
| 15 | 256QAM | 75 | 0 | 18.92 | 18.78 | 18.90 | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | |
| 10 | QPSK | 1 | 0 | 23.58 | 23.51 | 23.42 | 25.1 |
| 10 | QPSK | 1 | 25 | 23.36 | 23.29 | 23.31 | |
| 10 | QPSK | 1 | 49 | 23.34 | 23.32 | 23.28 | |
| 10 | QPSK | 25 | 0 | 22.90 | 22.95 | 22.94 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.94 | 22.91 | 22.86 | |
| 10 | QPSK | 25 | 25 | 22.85 | 22.92 | 22.84 | |
| 10 | QPSK | 50 | 0 | 22.90 | 22.87 | 22.80 | |
| 10 | 16QAM | 1 | 0 | 23.21 | 23.22 | 23.29 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.04 | 23.15 | 23.04 | |
| 10 | 16QAM | 1 | 49 | 23.13 | 23.06 | 22.96 | |
| 10 | 16QAM | 25 | 0 | 21.95 | 22.01 | 21.92 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.99 | 21.86 | 21.81 | |
| 10 | 16QAM | 25 | 25 | 21.85 | 21.88 | 21.84 | |
| 10 | 16QAM | 50 | 0 | 21.94 | 21.85 | 21.79 | |
| 10 | 64QAM | 1 | 0 | 21.20 | 22.18 | 22.07 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.95 | 21.94 | 21.99 | |
| 10 | 64QAM | 1 | 49 | 21.91 | 21.83 | 21.93 | |
| 10 | 64QAM | 25 | 0 | 20.84 | 20.97 | 20.74 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.95 | 20.91 | 20.93 | |
| 10 | 64QAM | 25 | 25 | 20.86 | 20.83 | 20.81 | |
| 10 | 64QAM | 50 | 0 | 21.00 | 20.85 | 20.86 | |
| 10 | 256QAM | 1 | 0 | 18.92 | 18.84 | 18.94 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.93 | 18.68 | 18.70 | |
| 10 | 256QAM | 1 | 49 | 19.00 | 18.90 | 18.84 | |
| 10 | 256QAM | 25 | 0 | 18.75 | 18.87 | 18.83 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.84 | 18.85 | 18.72 | |
| 10 | 256QAM | 25 | 25 | 18.86 | 18.78 | 18.77 | |
| 10 | 256QAM | 50 | 0 | 18.97 | 18.85 | 18.87 | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | |
| 5 | QPSK | 1 | 0 | 23.52 | 23.54 | 23.48 | 25.1 |
| 5 | QPSK | 1 | 12 | 23.32 | 23.37 | 23.30 | |
| 5 | QPSK | 1 | 24 | 23.35 | 23.29 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.91 | 22.97 | 22.91 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.93 | 22.88 | 22.82 | |
| 5 | QPSK | 12 | 13 | 22.83 | 22.82 | 22.87 | |
| 5 | QPSK | 25 | 0 | 22.88 | 22.91 | 22.81 | |
| 5 | 16QAM | 1 | 0 | 23.27 | 23.29 | 23.26 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.09 | 23.17 | 23.05 | |
| 5 | 16QAM | 1 | 24 | 23.10 | 23.02 | 23.04 | |
| 5 | 16QAM | 12 | 0 | 21.99 | 21.96 | 21.98 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.00 | 21.91 | 21.83 | |
| 5 | 16QAM | 12 | 13 | 21.85 | 21.83 | 21.81 | |
| 5 | 16QAM | 25 | 0 | 22.01 | 21.86 | 21.82 | |
| 5 | 64QAM | 1 | 0 | 21.21 | 22.17 | 22.05 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.01 | 21.93 | 21.90 | |
| 5 | 64QAM | 1 | 24 | 21.97 | 21.84 | 21.86 | |
| 5 | 64QAM | 12 | 0 | 20.87 | 21.04 | 20.82 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.01 | 20.89 | 20.87 | |
| 5 | 64QAM | 12 | 13 | 20.87 | 20.84 | 20.88 | |
| 5 | 64QAM | 25 | 0 | 20.94 | 20.85 | 20.80 | |
| 5 | 256QAM | 1 | 0 | 18.95 | 18.75 | 18.93 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.95 | 18.68 | 18.73 | |
| 5 | 256QAM | 1 | 24 | 18.91 | 18.90 | 18.83 | |
| 5 | 256QAM | 12 | 0 | 18.82 | 18.89 | 18.83 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.76 | 18.82 | 18.67 | |
| 5 | 256QAM | 12 | 13 | 18.86 | 18.84 | 18.73 | |
| 5 | 256QAM | 25 | 0 | 18.90 | 18.82 | 18.80 | |
| Channel | | | | 19925 | 20175 | 20425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | |
| 3 | QPSK | 1 | 0 | 23.52 | 23.58 | 23.46 | 25.1 |
| 3 | QPSK | 1 | 8 | 23.39 | 23.29 | 23.30 | |
| 3 | QPSK | 1 | 14 | 23.35 | 23.25 | 23.29 | |
| 3 | QPSK | 8 | 0 | 22.92 | 22.98 | 22.93 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.97 | 22.92 | 22.89 | |
| 3 | QPSK | 8 | 7 | 22.89 | 22.92 | 22.84 | |
| 3 | QPSK | 15 | 0 | 22.92 | 22.92 | 22.78 | |
| 3 | 16QAM | 1 | 0 | 23.26 | 23.30 | 23.24 | 24.5 |
| 3 | 16QAM | 1 | 8 | 23.11 | 23.09 | 23.03 | |
| 3 | 16QAM | 1 | 14 | 23.05 | 23.05 | 23.01 | |
| 3 | 16QAM | 8 | 0 | 21.93 | 21.96 | 21.89 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.98 | 21.88 | 21.83 | |
| 3 | 16QAM | 8 | 7 | 21.94 | 21.88 | 21.81 | |
| 3 | 16QAM | 15 | 0 | 22.01 | 21.90 | 21.77 | |
| 3 | 64QAM | 1 | 0 | 21.18 | 22.18 | 22.06 | 23.5 |
| 3 | 64QAM | 1 | 8 | 22.00 | 22.01 | 21.93 | |
| 3 | 64QAM | 1 | 14 | 21.95 | 21.80 | 21.88 | |
| 3 | 64QAM | 8 | 0 | 20.81 | 21.01 | 20.81 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.94 | 20.92 | 20.86 | |
| 3 | 64QAM | 8 | 7 | 20.87 | 20.81 | 20.85 | |
| 3 | 64QAM | 15 | 0 | 20.97 | 20.85 | 20.85 | |
| 3 | 256QAM | 1 | 0 | 18.87 | 18.82 | 18.97 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.97 | 18.67 | 18.79 | |
| 3 | 256QAM | 1 | 14 | 18.94 | 18.84 | 18.81 | |
| 3 | 256QAM | 8 | 0 | 18.75 | 18.85 | 18.73 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.75 | 18.78 | 18.69 | |
| 3 | 256QAM | 8 | 7 | 18.86 | 18.79 | 18.68 | |
| 3 | 256QAM | 15 | 0 | 18.91 | 18.86 | 18.82 | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4 | QPSK | 1 | 0 | 23.41 | 23.38 | 23.34 | 25.1 |
| 1.4 | QPSK | 1 | 3 | 23.47 | 23.45 | 23.41 | |
| 1.4 | QPSK | 1 | 5 | 23.42 | 23.41 | 23.35 | |
| 1.4 | QPSK | 3 | 0 | 23.46 | 23.43 | 23.35 | |
| 1.4 | QPSK | 3 | 1 | 23.53 | 23.45 | 23.43 | |
| 1.4 | QPSK | 3 | 3 | 23.48 | 23.43 | 23.39 | |
| 1.4 | QPSK | 6 | 0 | 22.84 | 22.87 | 22.80 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 23.00 | 23.13 | 23.07 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 23.11 | 23.21 | 23.15 | |
| 1.4 | 16QAM | 1 | 5 | 23.06 | 23.13 | 23.08 | |
| 1.4 | 16QAM | 3 | 0 | 22.86 | 22.90 | 22.89 | |
| 1.4 | 16QAM | 3 | 1 | 22.93 | 22.98 | 22.93 | |
| 1.4 | 16QAM | 3 | 3 | 22.91 | 22.91 | 22.88 | |
| 1.4 | 16QAM | 6 | 0 | 21.98 | 21.97 | 21.93 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.10 | 22.03 | 22.03 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.16 | 22.14 | 22.11 | |
| 1.4 | 64QAM | 1 | 5 | 21.12 | 22.04 | 22.00 | |
| 1.4 | 64QAM | 3 | 0 | 21.06 | 22.04 | 21.99 | |
| 1.4 | 64QAM | 3 | 1 | 21.20 | 22.09 | 22.04 | |
| 1.4 | 64QAM | 3 | 3 | 21.15 | 22.07 | 22.01 | |
| 1.4 | 64QAM | 6 | 0 | 19.99 | 20.93 | 20.85 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.96 | 18.84 | 18.98 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.98 | 18.76 | 18.80 | |
| 1.4 | 256QAM | 1 | 5 | 19.00 | 18.94 | 18.89 | |
| 1.4 | 256QAM | 3 | 0 | 18.84 | 18.91 | 18.83 | |
| 1.4 | 256QAM | 3 | 1 | 18.84 | 18.86 | 18.76 | |
| 1.4 | 256QAM | 3 | 3 | 18.91 | 18.88 | 18.78 | |
| 1.4 | 256QAM | 6 | 0 | 18.98 | 18.88 | 18.90 | 20.5 |

## Band 5_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20450 | 20525 | 20600 | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.47 | 23.57 | 23.64 | |
| 10 | QPSK | 1 | 25 | 23.51 | 23.56 | 23.53 | 25 |
| 10 | QPSK | 1 | 49 | 23.58 | 23.53 | 23.45 | |
| 10 | QPSK | 25 | 0 | 22.63 | 22.66 | 22.63 | |
| 10 | QPSK | 25 | 12 | 22.72 | 22.67 | 22.62 | 24 |
| 10 | QPSK | 25 | 25 | 22.68 | 22.70 | 22.64 | |
| 10 | QPSK | 50 | 0 | 22.72 | 22.66 | 22.59 | |
| 10 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.97 | |
| 10 | 16QAM | 1 | 25 | 22.92 | 22.98 | 22.92 | 24 |
| 10 | 16QAM | 1 | 49 | 22.96 | 22.93 | 22.83 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.65 | 21.58 | |
| 10 | 16QAM | 25 | 12 | 21.71 | 21.67 | 21.63 | 23 |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.71 | 21.62 | |
| 10 | 16QAM | 50 | 0 | 21.70 | 21.64 | 21.62 | |
| 10 | 64QAM | 1 | 0 | 21.74 | 21.77 | 21.81 | |
| 10 | 64QAM | 1 | 25 | 21.86 | 21.90 | 21.75 | 23 |
| 10 | 64QAM | 1 | 49 | 21.87 | 21.83 | 21.17 | |
| 10 | 64QAM | 25 | 0 | 20.66 | 20.69 | 20.66 | |
| 10 | 64QAM | 25 | 12 | 20.77 | 20.72 | 20.67 | 22 |
| 10 | 64QAM | 25 | 25 | 20.71 | 20.74 | 20.45 | |
| 10 | 64QAM | 50 | 0 | 20.73 | 20.69 | 20.66 | |
| 10 | 256QAM | 1 | 0 | 18.48 | 18.63 | 18.58 | |
| 10 | 256QAM | 1 | 25 | 18.53 | 18.50 | 18.61 | 20 |
| 10 | 256QAM | 1 | 49 | 18.50 | 18.63 | 18.54 | |
| 10 | 256QAM | 25 | 0 | 18.47 | 18.48 | 18.45 | |
| 10 | 256QAM | 25 | 12 | 18.49 | 18.42 | 18.39 | 20 |
| 10 | 256QAM | 25 | 25 | 18.36 | 18.48 | 18.48 | |
| 10 | 256QAM | 50 | 0 | 18.51 | 18.49 | 18.44 | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.61 | 23.62 | 23.60 | |
| 5 | QPSK | 1 | 12 | 23.60 | 23.63 | 23.62 | 25 |
| 5 | QPSK | 1 | 24 | 23.57 | 23.59 | 23.53 | |
| 5 | QPSK | 12 | 0 | 22.83 | 22.73 | 22.65 | |
| 5 | QPSK | 12 | 7 | 22.70 | 22.74 | 22.58 | 24 |
| 5 | QPSK | 12 | 13 | 22.65 | 22.67 | 22.57 | |
| 5 | QPSK | 25 | 0 | 22.68 | 22.72 | 22.59 | |
| 5 | 16QAM | 1 | 0 | 22.94 | 23.01 | 22.93 | |
| 5 | 16QAM | 1 | 12 | 22.92 | 22.99 | 22.84 | 24 |
| 5 | 16QAM | 1 | 24 | 22.94 | 22.96 | 22.80 | |
| 5 | 16QAM | 12 | 0 | 21.67 | 21.75 | 21.67 | |
| 5 | 16QAM | 12 | 7 | 21.71 | 21.77 | 21.61 | 23 |
| 5 | 16QAM | 12 | 13 | 21.69 | 21.69 | 21.58 | |
| 5 | 16QAM | 25 | 0 | 21.72 | 21.74 | 21.60 | |
| 5 | 64QAM | 1 | 0 | 21.86 | 21.95 | 21.86 | |
| 5 | 64QAM | 1 | 12 | 21.83 | 21.90 | 21.28 | 23 |
| 5 | 64QAM | 1 | 24 | 21.88 | 21.91 | 21.09 | |
| 5 | 64QAM | 12 | 0 | 20.74 | 20.80 | 20.55 | |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.81 | 20.29 | 22 |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.75 | 20.28 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.76 | 20.33 | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.58 | 18.58 | |
| 5 | 256QAM | 1 | 12 | 18.50 | 18.40 | 18.53 | 20 |
| 5 | 256QAM | 1 | 24 | 18.50 | 18.53 | 18.46 | |
| 5 | 256QAM | 12 | 0 | 18.40 | 18.44 | 18.40 | |
| 5 | 256QAM | 12 | 7 | 18.44 | 18.37 | 18.36 | 20 |
| 5 | 256QAM | 12 | 13 | 18.35 | 18.39 | 18.46 | |
| 5 | 256QAM | 25 | 0 | 18.43 | 18.45 | 18.39 | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.39 | 23.47 | 23.61 | |
| 3 | QPSK | 1 | 8 | 23.49 | 23.53 | 23.46 | 25 |
| 3 | QPSK | 1 | 14 | 23.51 | 23.51 | 23.42 | |
| 3 | QPSK | 8 | 0 | 22.55 | 22.58 | 22.58 | |
| 3 | QPSK | 8 | 4 | 22.68 | 22.58 | 22.54 | 24 |
| 3 | QPSK | 8 | 7 | 22.63 | 22.65 | 22.58 | |
| 3 | QPSK | 15 | 0 | 22.62 | 22.60 | 22.50 | |
| 3 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.90 | |
| 3 | 16QAM | 1 | 8 | 22.87 | 22.97 | 22.86 | 24 |
| 3 | 16QAM | 1 | 14 | 22.94 | 22.90 | 22.73 | |
| 3 | 16QAM | 8 | 0 | 21.56 | 21.59 | 21.57 | |
| 3 | 16QAM | 8 | 4 | 21.64 | 21.62 | 21.63 | 23 |
| 3 | 16QAM | 8 | 7 | 21.61 | 21.66 | 21.57 | |
| 3 | 16QAM | 15 | 0 | 21.69 | 21.54 | 21.52 | |
| 3 | 64QAM | 1 | 0 | 21.65 | 21.67 | 21.74 | |
| 3 | 64QAM | 1 | 8 | 21.78 | 21.83 | 21.69 | 23 |
| 3 | 64QAM | 1 | 14 | 21.81 | 21.79 | 21.16 | |
| 3 | 64QAM | 8 | 0 | 20.61 | 20.60 | 20.61 | |
| 3 | 64QAM | 8 | 4 | 20.76 | 20.72 | 20.60 | 22 |
| 3 | 64QAM | 8 | 7 | 20.63 | 20.72 | 20.41 | |
| 3 | 64QAM | 15 | 0 | 20.65 | 20.59 | 20.59 | |
| 3 | 256QAM | 1 | 0 | 18.40 | 18.61 | 18.49 | |
| 3 | 256QAM | 1 | 8 | 18.43 | 18.47 | 18.51 | 20 |
| 3 | 256QAM | 1 | 14 | 18.45 | 18.63 | 18.45 | |
| 3 | 256QAM | 8 | 0 | 18.39 | 18.44 | 18.36 | |
| 3 | 256QAM | 8 | 4 | 18.46 | 18.37 | 18.39 | 20 |
| 3 | 256QAM | 8 | 7 | 18.34 | 18.42 | 18.43 | |
| 3 | 256QAM | 15 | 0 | 18.46 | 18.44 | 18.35 | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.45 | 23.52 | 23.43 | |
| 1.4 | QPSK | 1 | 3 | 23.54 | 23.58 | 23.49 | |
| 1.4 | QPSK | 1 | 5 | 23.47 | 23.51 | 23.39 | 25 |
| 1.4 | QPSK | 3 | 0 | 23.53 | 23.52 | 23.47 | |
| 1.4 | QPSK | 3 | 1 | 23.57 | 23.62 | 23.50 | |
| 1.4 | QPSK | 3 | 3 | 23.53 | 23.57 | 23.48 | |
| 1.4 | QPSK | 6 | 0 | 22.58 | 22.64 | 22.51 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.79 | 22.84 | 22.78 | |
| 1.4 | 16QAM | 1 | 3 | 22.89 | 22.94 | 22.77 | |
| 1.4 | 16QAM | 1 | 5 | 22.82 | 22.86 | 22.72 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.63 | 22.64 | 22.54 | |
| 1.4 | 16QAM | 3 | 1 | 22.69 | 22.72 | 22.59 | |
| 1.4 | 16QAM | 3 | 3 | 22.61 | 22.63 | 22.49 | |
| 1.4 | 16QAM | 6 | 0 | 21.64 | 21.71 | 21.58 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.74 | 21.75 | 21.39 | |
| 1.4 | 64QAM | 1 | 3 | 21.84 | 21.91 | 21.44 | |
| 1.4 | 64QAM | 1 | 5 | 21.75 | 21.82 | 21.39 | 23 |
| 1.4 | 64QAM | 3 | 0 | 21.78 | 21.74 | 21.32 | |
| 1.4 | 64QAM | 3 | 1 | 21.78 | 21.84 | 21.44 | |
| 1.4 | 64QAM | 3 | 3 | 21.75 | 21.75 | 21.47 | |
| 1.4 | 64QAM | 6 | 0 | 20.60 | 20.65 | 20.30 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.46 | 18.60 | 18.51 | |
| 1.4 | 256QAM | 1 | 3 | 18.46 | 18.47 | 18.61 | |
| 1.4 | 256QAM | 1 | 5 | 18.42 | 18.53 | 18.54 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.45 | 18.47 | 18.41 | |
| 1.4 | 256QAM | 3 | 1 | 18.39 | 18.32 | 18.38 | |
| 1.4 | 256QAM | 3 | 3 | 18.34 | 18.39 | 18.41 | |
| 1.4 | 256QAM | 6 | 0 | 18.51 | 18.40 | 18.42 | 20 |

## Band 7_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 20850 | 21100 | 21350 | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | |
| 20 | QPSK | 1 | 0 | 23.91 | 23.94 | 23.99 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.93 | 23.99 | 23.94 | |
| 20 | QPSK | 1 | 99 | 23.99 | 24.06 | 24.02 | |
| 20 | QPSK | 50 | 0 | 22.97 | 23.02 | 23.02 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.10 | 23.09 | 23.06 | |
| 20 | QPSK | 50 | 50 | 23.11 | 23.16 | 23.13 | |
| 20 | QPSK | 100 | 0 | 23.07 | 23.07 | 23.05 | |
| 20 | 16QAM | 1 | 0 | 23.27 | 23.30 | 23.29 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.29 | 23.38 | 23.36 | |
| 20 | 16QAM | 1 | 99 | 23.33 | 23.40 | 23.34 | |
| 20 | 16QAM | 50 | 0 | 21.98 | 22.04 | 22.02 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.10 | 22.10 | 22.06 | |
| 20 | 16QAM | 50 | 50 | 22.13 | 22.17 | 22.14 | |
| 20 | 16QAM | 100 | 0 | 22.06 | 22.07 | 22.03 | |
| 20 | 64QAM | 1 | 0 | 22.08 | 22.17 | 22.10 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.16 | 22.26 | 22.21 | |
| 20 | 64QAM | 1 | 99 | 22.24 | 22.32 | 22.27 | |
| 20 | 64QAM | 50 | 0 | 21.00 | 21.08 | 21.05 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.12 | 21.11 | 21.08 | |
| 20 | 64QAM | 50 | 50 | 21.15 | 21.21 | 21.15 | |
| 20 | 64QAM | 100 | 0 | 21.12 | 21.05 | 21.07 | |
| 20 | 256QAM | 1 | 0 | 19.20 | 19.27 | 19.13 | 20.5 |
| 20 | 256QAM | 1 | 49 | 19.26 | 19.16 | 19.22 | |
| 20 | 256QAM | 1 | 99 | 19.12 | 19.17 | 19.11 | |
| 20 | 256QAM | 50 | 0 | 19.12 | 19.12 | 19.07 | 20.5 |
| 20 | 256QAM | 50 | 24 | 19.22 | 19.14 | 19.10 | |
| 20 | 256QAM | 50 | 50 | 19.17 | 19.16 | 19.13 | |
| 20 | 256QAM | 100 | 0 | 19.23 | 19.11 | 19.05 | |
| Channel | | | | 20525 | 21100 | 21375 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | |
| 15 | QPSK | 1 | 0 | 23.83 | 23.84 | 23.95 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.86 | 23.90 | 23.85 | |
| 15 | QPSK | 1 | 74 | 23.97 | 24.04 | 23.94 | |
| 15 | QPSK | 36 | 0 | 22.95 | 22.98 | 23.00 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.06 | 23.04 | 23.04 | |
| 15 | QPSK | 36 | 39 | 23.08 | 23.13 | 23.09 | |
| 15 | QPSK | 75 | 0 | 23.02 | 23.01 | 23.01 | |
| 15 | 16QAM | 1 | 0 | 23.23 | 23.30 | 23.29 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.24 | 23.36 | 23.30 | |
| 15 | 16QAM | 1 | 74 | 23.31 | 23.34 | 23.24 | |
| 15 | 16QAM | 36 | 0 | 21.88 | 22.04 | 22.01 | 23.5 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.02 | 21.97 | |
| 15 | 16QAM | 36 | 39 | 22.10 | 22.09 | 22.14 | |
| 15 | 16QAM | 75 | 0 | 21.98 | 22.05 | 21.94 | |
| 15 | 64QAM | 1 | 0 | 22.07 | 22.08 | 22.06 | 23.5 |
| 15 | 64QAM | 1 | 37 | 22.09 | 22.20 | 22.19 | |
| 15 | 64QAM | 1 | 74 | 22.14 | 22.25 | 22.17 | |
| 15 | 64QAM | 36 | 0 | 20.95 | 20.98 | 21.02 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.03 | 21.02 | 21.06 | |
| 15 | 64QAM | 36 | 39 | 21.12 | 21.21 | 21.06 | |
| 15 | 64QAM | 75 | 0 | 21.06 | 21.05 | 21.00 | |
| 15 | 256QAM | 1 | 0 | 19.17 | 19.25 | 19.13 | 20.5 |
| 15 | 256QAM | 1 | 37 | 19.16 | 19.12 | 19.19 | |
| 15 | 256QAM | 1 | 74 | 19.04 | 19.15 | 19.02 | |
| 15 | 256QAM | 36 | 0 | 19.04 | 19.12 | 19.04 | 20.5 |
| 15 | 256QAM | 36 | 20 | 19.14 | 19.05 | 19.05 | |
| 15 | 256QAM | 36 | 39 | 19.16 | 19.14 | 19.08 | |
| 15 | 256QAM | 75 | 0 | 19.23 | 19.04 | 18.97 | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | |
| 10 | QPSK | 1 | 0 | 23.89 | 23.92 | 23.99 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.93 | 23.90 | 23.84 | |
| 10 | QPSK | 1 | 49 | 23.90 | 24.01 | 23.96 | |
| 10 | QPSK | 25 | 0 | 22.91 | 22.99 | 22.97 | 24.5 |
| 10 | QPSK | 25 | 12 | 23.07 | 23.06 | 23.00 | |
| 10 | QPSK | 25 | 25 | 23.03 | 23.09 | 23.03 | |
| 10 | QPSK | 50 | 0 | 22.99 | 23.08 | 23.01 | |
| 10 | 16QAM | 1 | 0 | 23.17 | 23.24 | 23.26 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.27 | 23.34 | 23.35 | |
| 10 | 16QAM | 1 | 49 | 23.31 | 23.39 | 23.31 | |
| 10 | 16QAM | 25 | 0 | 21.92 | 22.00 | 21.95 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.07 | 22.08 | 22.06 | |
| 10 | 16QAM | 25 | 25 | 22.08 | 22.10 | 22.07 | |
| 10 | 16QAM | 50 | 0 | 22.02 | 22.04 | 22.00 | |
| 10 | 64QAM | 1 | 0 | 22.00 | 22.13 | 22.10 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.06 | 22.16 | 22.18 | |
| 10 | 64QAM | 1 | 49 | 22.14 | 22.31 | 22.25 | |
| 10 | 64QAM | 25 | 0 | 20.91 | 21.02 | 20.96 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.04 | 21.04 | 21.02 | |
| 10 | 64QAM | 25 | 25 | 21.08 | 21.14 | 21.09 | |
| 10 | 64QAM | 50 | 0 | 21.10 | 21.05 | 21.02 | |
| 10 | 256QAM | 1 | 0 | 19.15 | 19.19 | 19.09 | 20.5 |
| 10 | 256QAM | 1 | 25 | 19.20 | 19.07 | 19.22 | |
| 10 | 256QAM | 1 | 49 | 19.10 | 19.09 | 19.03 | |
| 10 | 256QAM | 25 | 0 | 19.02 | 19.05 | 18.98 | 20.5 |
| 10 | 256QAM | 25 | 12 | 19.21 | 19.07 | 19.09 | |
| 10 | 256QAM | 25 | 25 | 19.16 | 19.08 | 19.08 | |
| 10 | 256QAM | 50 | 0 | 19.18 | 19.04 | 18.99 | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | |
| 5 | QPSK | 1 | 0 | 23.84 | 23.93 | 23.98 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.93 | 23.93 | 23.88 | |
| 5 | QPSK | 1 | 24 | 23.89 | 24.02 | 23.95 | |
| 5 | QPSK | 12 | 0 | 22.96 | 22.93 | 22.99 | 24.5 |
| 5 | QPSK | 12 | 7 | 23.09 | 23.02 | 22.96 | |
| 5 | QPSK | 12 | 13 | 23.11 | 23.14 | 23.13 | |
| 5 | QPSK | 25 | 0 | 23.04 | 22.98 | 23.01 | |
| 5 | 16QAM | 1 | 0 | 23.17 | 23.28 | 23.19 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.25 | 23.33 | 23.30 | |
| 5 | 16QAM | 1 | 24 | 23.32 | 23.34 | 23.34 | |
| 5 | 16QAM | 12 | 0 | 21.94 | 21.98 | 21.98 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.03 | 22.02 | 22.05 | |
| 5 | 16QAM | 12 | 13 | 22.10 | 22.15 | 22.14 | |
| 5 | 16QAM | 25 | 0 | 22.00 | 22.07 | 21.95 | |
| 5 | 64QAM | 1 | 0 | 22.01 | 22.10 | 22.09 | 23.5 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.21 | 22.15 | |
| 5 | 64QAM | 1 | 24 | 22.15 | 22.31 | 22.19 | |
| 5 | 64QAM | 12 | 0 | 20.91 | 20.99 | 20.99 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.07 | 21.02 | 21.03 | |
| 5 | 64QAM | 12 | 13 | 21.06 | 21.17 | 21.06 | |
| 5 | 64QAM | 25 | 0 | 21.04 | 21.02 | 21.07 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.25 | 19.11 | 20.5 |
| 5 | 256QAM | 1 | 12 | 19.26 | 19.08 | 19.15 | |
| 5 | 256QAM | 1 | 24 | 19.08 | 19.10 | 19.03 | |
| 5 | 256QAM | 12 | 0 | 19.08 | 19.06 | 19.06 | 20.5 |
| 5 | 256QAM | 12 | 7 | 19.22 | 19.13 | 19.00 | |
| 5 | 256QAM | 12 | 13 | 19.12 | 19.07 | 19.13 | |
| 5 | 256QAM | 25 | 0 | 19.22 | 19.07 | 19.02 | |

## Band 12_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 23060 | 23095 | 23130 | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | QPSK | 1 | 0 | 24.48 | 24.39 | 24.39 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.39 | 24.42 | 24.40 | |
| 10 | QPSK | 1 | 49 | 24.50 | 24.43 | 24.46 | |
| 10 | QPSK | 25 | 0 | 23.53 | 23.54 | 23.53 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.60 | 23.53 | 23.53 | |
| 10 | QPSK | 25 | 25 | 23.58 | 23.59 | 23.60 | |
| 10 | QPSK | 50 | 0 | 23.61 | 23.53 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.82 | 23.76 | 23.78 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.81 | 23.82 | 23.80 | |
| 10 | 16QAM | 1 | 49 | 23.87 | 23.85 | 23.78 | |
| 10 | 16QAM | 25 | 0 | 22.54 | 22.55 | 22.53 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.61 | 22.55 | 22.51 | |
| 10 | 16QAM | 25 | 25 | 22.59 | 22.60 | 22.57 | |
| 10 | 16QAM | 50 | 0 | 22.60 | 22.55 | 22.52 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.64 | 22.67 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.71 | 22.76 | 22.74 | |
| 10 | 64QAM | 1 | 49 | 22.73 | 22.54 | 22.39 | |
| 10 | 64QAM | 25 | 0 | 21.27 | 21.36 | 21.58 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.49 | 21.55 | 21.56 | |
| 10 | 64QAM | 25 | 25 | 21.53 | 21.60 | 21.61 | |
| 10 | 64QAM | 50 | 0 | 21.41 | 21.55 | 21.59 | |
| 10 | 256QAM | 1 | 0 | 19.47 | 19.66 | 19.47 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.53 | 19.73 | 19.49 | |
| 10 | 256QAM | 1 | 49 | 19.64 | 19.55 | 19.57 | |
| 10 | 256QAM | 25 | 0 | 19.44 | 19.46 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.45 | 19.40 | 19.46 | |
| 10 | 256QAM | 25 | 25 | 19.39 | 19.41 | 19.43 | |
| 10 | 256QAM | 50 | 0 | 19.51 | 19.43 | 19.41 | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | QPSK | 1 | 0 | 24.48 | 24.47 | 24.39 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.49 | 24.48 | 24.49 | |
| 5 | QPSK | 1 | 24 | 24.47 | 24.49 | 24.46 | |
| 5 | QPSK | 12 | 0 | 23.62 | 23.54 | 23.55 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.55 | 23.59 | 23.50 | |
| 5 | QPSK | 12 | 13 | 23.55 | 23.54 | 23.51 | |
| 5 | QPSK | 25 | 0 | 23.58 | 23.52 | 23.52 | |
| 5 | 16QAM | 1 | 0 | 23.83 | 23.83 | 23.73 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.80 | 23.79 | 23.75 | |
| 5 | 16QAM | 1 | 24 | 23.82 | 23.80 | 23.76 | |
| 5 | 16QAM | 12 | 0 | 22.65 | 22.62 | 22.59 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.58 | 22.64 | 22.54 | |
| 5 | 16QAM | 12 | 13 | 22.60 | 22.59 | 22.54 | |
| 5 | 16QAM | 25 | 0 | 22.59 | 22.53 | 22.53 | |
| 5 | 64QAM | 1 | 0 | 22.24 | 22.37 | 22.66 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.49 | 22.74 | 22.69 | |
| 5 | 64QAM | 1 | 24 | 22.23 | 22.73 | 22.49 | |
| 5 | 64QAM | 12 | 0 | 21.35 | 21.64 | 21.69 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.45 | 21.67 | 21.61 | |
| 5 | 64QAM | 12 | 13 | 21.35 | 21.60 | 21.42 | |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.57 | 21.50 | |
| 5 | 256QAM | 1 | 0 | 19.38 | 19.56 | 19.45 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.50 | 19.64 | 19.39 | |
| 5 | 256QAM | 1 | 24 | 19.58 | 19.47 | 19.54 | |
| 5 | 256QAM | 12 | 0 | 19.43 | 19.36 | 19.32 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.36 | 19.32 | 19.45 | |
| 5 | 256QAM | 12 | 13 | 19.38 | 19.38 | 19.34 | |
| 5 | 256QAM | 25 | 0 | 19.47 | 19.33 | 19.33 | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | |
| 3 | QPSK | 1 | 0 | 24.46 | 24.37 | 24.33 | 25.7 |
| 3 | QPSK | 1 | 8 | 24.34 | 24.42 | 24.36 | |
| 3 | QPSK | 1 | 14 | 24.43 | 24.33 | 24.36 | |
| 3 | QPSK | 8 | 0 | 23.43 | 23.54 | 23.48 | 24.7 |
| 3 | QPSK | 8 | 4 | 23.52 | 23.49 | 23.51 | |
| 3 | QPSK | 8 | 7 | 23.49 | 23.58 | 23.51 | |
| 3 | QPSK | 15 | 0 | 23.58 | 23.51 | 23.45 | |
| 3 | 16QAM | 1 | 0 | 23.75 | 23.66 | 23.70 | 24.7 |
| 3 | 16QAM | 1 | 8 | 23.76 | 23.75 | 23.72 | |
| 3 | 16QAM | 1 | 14 | 23.65 | 23.83 | 23.69 | |
| 3 | 16QAM | 8 | 0 | 22.52 | 22.51 | 22.49 | 23.7 |
| 3 | 16QAM | 8 | 4 | 22.60 | 22.45 | 22.42 | |
| 3 | 16QAM | 8 | 7 | 22.50 | 22.50 | 22.54 | |
| 3 | 16QAM | 15 | 0 | 22.57 | 22.50 | 22.45 | |
| 3 | 64QAM | 1 | 0 | 22.47 | 22.55 | 22.67 | 23.7 |
| 3 | 64QAM | 1 | 8 | 22.66 | 22.72 | 22.74 | |
| 3 | 64QAM | 1 | 14 | 22.66 | 22.48 | 22.33 | |
| 3 | 64QAM | 8 | 0 | 21.17 | 21.31 | 21.50 | 22.7 |
| 3 | 64QAM | 8 | 4 | 21.40 | 21.52 | 21.55 | |
| 3 | 64QAM | 8 | 7 | 21.47 | 21.53 | 21.53 | |
| 3 | 64QAM | 15 | 0 | 21.31 | 21.49 | 21.50 | |
| 3 | 256QAM | 1 | 0 | 19.44 | 19.57 | 19.41 | 20.7 |
| 3 | 256QAM | 1 | 8 | 19.49 | 19.68 | 19.48 | |
| 3 | 256QAM | 1 | 14 | 19.58 | 19.54 | 19.49 | |
| 3 | 256QAM | 8 | 0 | 19.43 | 19.38 | 19.30 | 20.7 |
| 3 | 256QAM | 8 | 4 | 19.43 | 19.39 | 19.43 | |
| 3 | 256QAM | 8 | 7 | 19.37 | 19.41 | 19.42 | |
| 3 | 256QAM | 15 | 0 | 19.43 | 19.37 | 19.39 | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | |
| 1.4 | QPSK | 1 | 0 | 24.44 | 24.33 | 24.36 | 25.7 |
| 1.4 | QPSK | 1 | 3 | 24.44 | 24.42 | 24.38 | |
| 1.4 | QPSK | 1 | 5 | 24.37 | 24.38 | 24.29 | |
| 1.4 | QPSK | 3 | 0 | 24.45 | 24.38 | 24.37 | |
| 1.4 | QPSK | 3 | 1 | 24.49 | 24.42 | 24.40 | |
| 1.4 | QPSK | 3 | 3 | 24.43 | 24.43 | 24.37 | |
| 1.4 | QPSK | 6 | 0 | 23.50 | 23.47 | 23.43 | 24.7 |
| 1.4 | 16QAM | 1 | 0 | 23.76 | 23.67 | 23.71 | 24.7 |
| 1.4 | 16QAM | 1 | 3 | 23.78 | 23.80 | 23.77 | |
| 1.4 | 16QAM | 1 | 5 | 23.70 | 23.69 | 23.63 | |
| 1.4 | 16QAM | 3 | 0 | 23.53 | 23.47 | 23.47 | |
| 1.4 | 16QAM | 3 | 1 | 23.58 | 23.51 | 23.50 | |
| 1.4 | 16QAM | 3 | 3 | 23.51 | 23.50 | 23.43 | |
| 1.4 | 16QAM | 6 | 0 | 22.57 | 22.56 | 22.49 | 23.7 |
| 1.4 | 64QAM | 1 | 0 | 22.34 | 22.61 | 22.37 | 23.7 |
| 1.4 | 64QAM | 1 | 3 | 22.45 | 22.72 | 22.34 | |
| 1.4 | 64QAM | 1 | 5 | 22.47 | 22.63 | 22.20 | |
| 1.4 | 64QAM | 3 | 0 | 22.26 | 22.56 | 22.39 | |
| 1.4 | 64QAM | 3 | 1 | 22.26 | 22.61 | 22.37 | |
| 1.4 | 64QAM | 3 | 3 | 22.37 | 22.61 | 22.26 | |
| 1.4 | 64QAM | 6 | 0 | 21.23 | 21.50 | 21.23 | 22.7 |
| 1.4 | 256QAM | 1 | 0 | 19.38 | 19.58 | 19.39 | 20.7 |
| 1.4 | 256QAM | 1 | 3 | 19.45 | 19.71 | 19.41 | |
| 1.4 | 256QAM | 1 | 5 | 19.61 | 19.54 | 19.53 | |
| 1.4 | 256QAM | 3 | 0 | 19.43 | 19.43 | 19.36 | |
| 1.4 | 256QAM | 3 | 1 | 19.39 | 19.40 | 19.37 | |
| 1.4 | 256QAM | 3 | 3 | 19.39 | 19.31 | 19.38 | |
| 1.4 | 256QAM | 6 | 0 | 19.49 | 19.37 | 19.39 | 20.7 |

**Band 13_Ant 1**

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | | 23230 | | |
| Frequency (MHz) | | | | | 782 | | |
| 10 | QPSK | 1 | 0 | | 23.53 | | 25 |
| 10 | QPSK | 1 | 25 | | 23.51 | | |
| 10 | QPSK | 1 | 49 | | 23.57 | | |
| 10 | QPSK | 25 | 0 | | 22.60 | | 24 |
| 10 | QPSK | 25 | 12 | | 22.61 | | |
| 10 | QPSK | 25 | 25 | | 22.65 | | |
| 10 | QPSK | 50 | 0 | | 22.61 | | |
| 10 | 16QAM | 1 | 0 | | 22.82 | | 24 |
| 10 | 16QAM | 1 | 25 | | 22.86 | | |
| 10 | 16QAM | 1 | 49 | | 22.88 | | |
| 10 | 16QAM | 25 | 0 | | 21.61 | | 23 |
| 10 | 16QAM | 25 | 12 | | 21.66 | | |
| 10 | 16QAM | 25 | 25 | | 21.69 | | |
| 10 | 16QAM | 50 | 0 | | 21.64 | | |
| 10 | 64QAM | 1 | 0 | | 21.69 | | 23 |
| 10 | 64QAM | 1 | 25 | | 21.81 | | |
| 10 | 64QAM | 1 | 49 | | 21.78 | | |
| 10 | 64QAM | 25 | 0 | | 20.65 | | 22 |
| 10 | 64QAM | 25 | 12 | | 20.69 | | |
| 10 | 64QAM | 25 | 25 | | 20.71 | | |
| 10 | 64QAM | 50 | 0 | | 20.68 | | |
| 10 | 256QAM | 1 | 0 | | 18.25 | | 20 |
| 10 | 256QAM | 1 | 25 | | 18.50 | | |
| 10 | 256QAM | 1 | 49 | | 18.70 | | |
| 10 | 256QAM | 25 | 0 | | 18.41 | | 20 |
| 10 | 256QAM | 25 | 12 | | 18.46 | | |
| 10 | 256QAM | 25 | 25 | | 18.59 | | |
| 10 | 256QAM | 50 | 0 | | 18.44 | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | |
| 5 | QPSK | 1 | 0 | 23.45 | 23.48 | 23.22 | 25 |
| 5 | QPSK | 1 | 12 | 23.50 | 23.54 | 23.24 | |
| 5 | QPSK | 1 | 24 | 23.55 | 23.58 | 23.31 | |
| 5 | QPSK | 12 | 0 | 22.58 | 22.59 | 22.32 | 24 |
| 5 | QPSK | 12 | 7 | 22.62 | 22.63 | 22.40 | |
| 5 | QPSK | 12 | 13 | 22.65 | 22.67 | 22.36 | |
| 5 | QPSK | 25 | 0 | 22.65 | 22.63 | 22.37 | |
| 5 | 16QAM | 1 | 0 | 22.84 | 22.76 | 22.50 | 24 |
| 5 | 16QAM | 1 | 12 | 22.75 | 22.82 | 22.49 | |
| 5 | 16QAM | 1 | 24 | 22.84 | 22.85 | 22.51 | |
| 5 | 16QAM | 12 | 0 | 21.62 | 21.64 | 21.39 | 23 |
| 5 | 16QAM | 12 | 7 | 21.66 | 21.64 | 21.43 | |
| 5 | 16QAM | 12 | 13 | 21.68 | 21.71 | 21.42 | |
| 5 | 16QAM | 25 | 0 | 21.70 | 21.63 | 21.41 | |
| 5 | 64QAM | 1 | 0 | 21.73 | 21.68 | 21.42 | 23 |
| 5 | 64QAM | 1 | 12 | 21.69 | 21.81 | 21.49 | |
| 5 | 64QAM | 1 | 24 | 21.77 | 21.81 | 21.48 | |
| 5 | 64QAM | 12 | 0 | 20.66 | 20.70 | 20.43 | 22 |
| 5 | 64QAM | 12 | 7 | 20.72 | 20.67 | 20.45 | |
| 5 | 64QAM | 12 | 13 | 20.71 | 20.75 | 20.43 | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.66 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 18.16 | 18.24 | 18.22 | 20 |
| 5 | 256QAM | 1 | 12 | 18.43 | 18.45 | 18.47 | |
| 5 | 256QAM | 1 | 24 | 18.63 | 18.67 | 18.60 | |
| 5 | 256QAM | 12 | 0 | 18.37 | 18.35 | 18.38 | 20 |
| 5 | 256QAM | 12 | 7 | 18.46 | 18.36 | 18.40 | |
| 5 | 256QAM | 12 | 13 | 18.58 | 18.55 | 18.54 | |
| 5 | 256QAM | 25 | 0 | 18.37 | 18.34 | 18.41 | |

| Band 14_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | | 23330 | | |
| Frequency (MHz) | | | | | 793 | | |
| 10 | QPSK | 1 | 0 | | 23.66 | | 25 |
| 10 | QPSK | 1 | 25 | | 23.60 | | |
| 10 | QPSK | 1 | 49 | | 23.58 | | |
| 10 | QPSK | 25 | 0 | | 22.63 | | 24 |
| 10 | QPSK | 25 | 12 | | 22.65 | | |
| 10 | QPSK | 25 | 25 | | 22.74 | | |
| 10 | QPSK | 50 | 0 | | 22.67 | | |
| 10 | 16QAM | 1 | 0 | | 23.02 | | 24 |
| 10 | 16QAM | 1 | 25 | | 22.99 | | |
| 10 | 16QAM | 1 | 49 | | 22.97 | | |
| 10 | 16QAM | 25 | 0 | | 21.65 | | 23 |
| 10 | 16QAM | 25 | 12 | | 21.68 | | |
| 10 | 16QAM | 25 | 25 | | 21.73 | | |
| 10 | 16QAM | 50 | 0 | | 21.66 | | |
| 10 | 64QAM | 1 | 0 | | 21.92 | | 23 |
| 10 | 64QAM | 1 | 25 | | 21.95 | | |
| 10 | 64QAM | 1 | 49 | | 21.90 | | |
| 10 | 64QAM | 25 | 0 | | 20.67 | | 22 |
| 10 | 64QAM | 25 | 12 | | 20.69 | | |
| 10 | 64QAM | 25 | 25 | | 20.76 | | |
| 10 | 64QAM | 50 | 0 | | 20.67 | | |
| 10 | 256QAM | 1 | 0 | | 18.45 | | 20 |
| 10 | 256QAM | 1 | 25 | | 18.58 | | |
| 10 | 256QAM | 1 | 49 | | 18.74 | | |
| 10 | 256QAM | 25 | 0 | | 18.50 | | 20 |
| 10 | 256QAM | 25 | 12 | | 18.44 | | |
| 10 | 256QAM | 25 | 25 | | 18.47 | | |
| 10 | 256QAM | 50 | 0 | | 18.50 | | |
| Channel | | | | 23305 | 23330 | 23355 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 790.5 | 793 | 795.5 | |
| 5 | QPSK | 1 | 0 | 23.58 | 23.55 | 23.58 | 25 |
| 5 | QPSK | 1 | 12 | 23.63 | 23.65 | 23.64 | |
| 5 | QPSK | 1 | 24 | 23.65 | 23.64 | 23.56 | |
| 5 | QPSK | 12 | 0 | 22.71 | 22.65 | 22.64 | 24 |
| 5 | QPSK | 12 | 7 | 22.70 | 22.73 | 22.70 | |
| 5 | QPSK | 12 | 13 | 22.71 | 22.73 | 22.68 | |
| 5 | QPSK | 25 | 0 | 22.69 | 22.66 | 22.63 | |
| 5 | 16QAM | 1 | 0 | 22.91 | 22.92 | 22.87 | 24 |
| 5 | 16QAM | 1 | 12 | 23.00 | 23.02 | 22.98 | |
| 5 | 16QAM | 1 | 24 | 22.96 | 23.00 | 22.90 | |
| 5 | 16QAM | 12 | 0 | 21.73 | 21.68 | 21.64 | 23 |
| 5 | 16QAM | 12 | 7 | 21.77 | 21.77 | 21.78 | |
| 5 | 16QAM | 12 | 13 | 21.73 | 21.72 | 21.68 | |
| 5 | 16QAM | 25 | 0 | 21.71 | 21.68 | 21.64 | |
| 5 | 64QAM | 1 | 0 | 21.87 | 21.89 | 21.85 | 23 |
| 5 | 64QAM | 1 | 12 | 21.93 | 22.00 | 21.94 | |
| 5 | 64QAM | 1 | 24 | 21.90 | 21.95 | 21.92 | |
| 5 | 64QAM | 12 | 0 | 20.80 | 20.71 | 20.69 | 22 |
| 5 | 64QAM | 12 | 7 | 20.78 | 20.83 | 20.76 | |
| 5 | 64QAM | 12 | 13 | 20.75 | 20.76 | 20.69 | |
| 5 | 64QAM | 25 | 0 | 20.72 | 20.67 | 20.66 | |
| 5 | 256QAM | 1 | 0 | 18.38 | 18.37 | 18.42 | 20 |
| 5 | 256QAM | 1 | 12 | 18.55 | 18.48 | 18.55 | |
| 5 | 256QAM | 1 | 24 | 18.74 | 18.72 | 18.65 | |
| 5 | 256QAM | 12 | 0 | 18.50 | 18.42 | 18.48 | 20 |
| 5 | 256QAM | 12 | 7 | 18.38 | 18.34 | 18.35 | |
| 5 | 256QAM | 12 | 13 | 18.42 | 18.46 | 18.39 | |
| 5 | 256QAM | 25 | 0 | 18.40 | 18.47 | 18.44 | |

| Band 17_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 23780 | 23790 | 23800 | |
| Frequency (MHz) | | | | 709 | 710 | 711 | |
| 10 | QPSK | 1 | 0 | 23.35 | 23.31 | 23.32 | 25 |
| 10 | QPSK | 1 | 25 | 23.36 | 23.37 | 23.37 | |
| 10 | QPSK | 1 | 49 | 23.37 | 23.45 | 23.38 | |
| 10 | QPSK | 25 | 0 | 22.38 | 22.39 | 22.41 | 24 |
| 10 | QPSK | 25 | 12 | 22.52 | 22.50 | 22.48 | |
| 10 | QPSK | 25 | 25 | 22.56 | 22.57 | 22.55 | |
| 10 | QPSK | 50 | 0 | 22.47 | 22.48 | 22.45 | |
| 10 | 16QAM | 1 | 0 | 22.70 | 22.68 | 22.69 | 24 |
| 10 | 16QAM | 1 | 25 | 22.75 | 22.78 | 22.74 | |
| 10 | 16QAM | 1 | 49 | 22.76 | 22.80 | 22.77 | |
| 10 | 16QAM | 25 | 0 | 21.41 | 21.41 | 21.41 | 23 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.48 | 21.47 | |
| 10 | 16QAM | 25 | 25 | 21.57 | 21.54 | 21.51 | |
| 10 | 16QAM | 50 | 0 | 21.44 | 21.46 | 21.42 | |
| 10 | 64QAM | 1 | 0 | 21.55 | 21.54 | 21.50 | 23 |
| 10 | 64QAM | 1 | 25 | 21.67 | 21.69 | 21.66 | |
| 10 | 64QAM | 1 | 49 | 21.53 | 21.60 | 21.48 | |
| 10 | 64QAM | 25 | 0 | 20.42 | 20.43 | 20.44 | 22 |
| 10 | 64QAM | 25 | 12 | 20.59 | 20.51 | 20.51 | |
| 10 | 64QAM | 25 | 25 | 20.59 | 20.58 | 20.56 | |
| 10 | 64QAM | 50 | 0 | 20.49 | 20.47 | 20.48 | |
| 10 | 256QAM | 1 | 0 | 18.34 | 18.39 | 18.22 | 20 |
| 10 | 256QAM | 1 | 25 | 18.43 | 18.45 | 18.47 | |
| 10 | 256QAM | 1 | 49 | 18.54 | 18.47 | 18.38 | |
| 10 | 256QAM | 25 | 0 | 18.31 | 18.27 | 18.39 | 20 |
| 10 | 256QAM | 25 | 12 | 18.30 | 18.40 | 18.34 | |
| 10 | 256QAM | 25 | 25 | 18.40 | 18.37 | 18.39 | |
| 10 | 256QAM | 50 | 0 | 18.27 | 18.40 | 18.31 | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | |
| 5 | QPSK | 1 | 0 | 23.33 | 23.28 | 23.27 | 25 |
| 5 | QPSK | 1 | 12 | 23.42 | 23.42 | 23.39 | |
| 5 | QPSK | 1 | 24 | 23.43 | 23.44 | 23.40 | |
| 5 | QPSK | 12 | 0 | 22.44 | 22.46 | 22.41 | 24 |
| 5 | QPSK | 12 | 7 | 22.51 | 22.48 | 22.43 | |
| 5 | QPSK | 12 | 13 | 22.53 | 22.52 | 22.45 | |
| 5 | QPSK | 25 | 0 | 22.49 | 22.47 | 22.42 | |
| 5 | 16QAM | 1 | 0 | 22.65 | 22.67 | 22.66 | 24 |
| 5 | 16QAM | 1 | 12 | 22.74 | 22.78 | 22.70 | |
| 5 | 16QAM | 1 | 24 | 22.78 | 22.79 | 22.75 | |
| 5 | 16QAM | 12 | 0 | 21.46 | 21.47 | 21.46 | 23 |
| 5 | 16QAM | 12 | 7 | 21.53 | 21.52 | 21.45 | |
| 5 | 16QAM | 12 | 13 | 21.54 | 21.53 | 21.47 | |
| 5 | 16QAM | 25 | 0 | 21.51 | 21.48 | 21.44 | |
| 5 | 64QAM | 1 | 0 | 21.57 | 21.66 | 21.63 | 23 |
| 5 | 64QAM | 1 | 12 | 21.66 | 21.70 | 21.64 | |
| 5 | 64QAM | 1 | 24 | 21.79 | 21.76 | 21.67 | |
| 5 | 64QAM | 12 | 0 | 20.50 | 20.49 | 20.47 | 22 |
| 5 | 64QAM | 12 | 7 | 20.57 | 20.55 | 20.51 | |
| 5 | 64QAM | 12 | 13 | 20.57 | 20.58 | 20.52 | |
| 5 | 64QAM | 25 | 0 | 20.51 | 20.49 | 20.47 | |
| 5 | 256QAM | 1 | 0 | 18.25 | 18.31 | 18.18 | 20 |
| 5 | 256QAM | 1 | 12 | 18.40 | 18.45 | 18.42 | |
| 5 | 256QAM | 1 | 24 | 18.52 | 18.39 | 18.37 | |
| 5 | 256QAM | 12 | 0 | 18.26 | 18.25 | 18.25 | 20 |
| 5 | 256QAM | 12 | 7 | 18.25 | 18.33 | 18.30 | |
| 5 | 256QAM | 12 | 13 | 18.36 | 18.27 | 18.37 | |
| 5 | 256QAM | 25 | 0 | 18.20 | 18.30 | 18.31 | |

## Band 25_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | |
| 20 | QPSK | 1 | 0 | 23.59 | 23.59 | 23.63 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.61 | 23.61 | 23.68 | |
| 20 | QPSK | 1 | 99 | 23.54 | 23.60 | 23.61 | |
| 20 | QPSK | 50 | 0 | 22.70 | 22.71 | 22.75 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.75 | 22.80 | 22.81 | |
| 20 | QPSK | 50 | 50 | 22.68 | 22.74 | 22.79 | |
| 20 | QPSK | 100 | 0 | 22.75 | 22.74 | 22.78 | |
| 20 | 16QAM | 1 | 0 | 22.96 | 22.99 | 23.00 | 24.5 |
| 20 | 16QAM | 1 | 49 | 22.92 | 22.95 | 23.00 | |
| 20 | 16QAM | 1 | 99 | 22.86 | 22.98 | 22.95 | |
| 20 | 16QAM | 50 | 0 | 21.69 | 21.73 | 21.77 | 23.5 |
| 20 | 16QAM | 50 | 24 | 21.74 | 21.80 | 21.78 | |
| 20 | 16QAM | 50 | 50 | 21.72 | 21.74 | 21.82 | |
| 20 | 16QAM | 100 | 0 | 21.74 | 21.76 | 21.74 | |
| 20 | 64QAM | 1 | 0 | 21.87 | 21.90 | 21.88 | 23.5 |
| 20 | 64QAM | 1 | 49 | 21.83 | 21.82 | 21.61 | |
| 20 | 64QAM | 1 | 99 | 21.82 | 21.88 | 21.57 | |
| 20 | 64QAM | 50 | 0 | 20.72 | 20.76 | 20.59 | 22.5 |
| 20 | 64QAM | 50 | 24 | 20.78 | 20.83 | 20.80 | |
| 20 | 64QAM | 50 | 50 | 20.71 | 20.77 | 20.84 | |
| 20 | 64QAM | 100 | 0 | 20.76 | 20.79 | 20.34 | |
| 20 | 256QAM | 1 | 0 | 18.99 | 18.87 | 18.98 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.79 | 18.97 | 19.06 | |
| 20 | 256QAM | 1 | 99 | 18.90 | 19.02 | 18.99 | |
| 20 | 256QAM | 50 | 0 | 18.75 | 18.80 | 18.85 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.81 | 18.89 | 18.89 | |
| 20 | 256QAM | 50 | 50 | 18.75 | 18.87 | 18.90 | |
| 20 | 256QAM | 100 | 0 | 18.86 | 18.86 | 18.97 | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | |
| 15 | QPSK | 1 | 0 | 23.52 | 23.52 | 23.53 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.58 | 23.51 | 23.67 | |
| 15 | QPSK | 1 | 74 | 23.53 | 23.62 | 23.56 | |
| 15 | QPSK | 36 | 0 | 22.67 | 22.68 | 22.68 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.72 | 22.79 | 22.76 | |
| 15 | QPSK | 36 | 39 | 22.61 | 22.65 | 22.81 | |
| 15 | QPSK | 75 | 0 | 22.71 | 22.72 | 22.71 | |
| 15 | 16QAM | 1 | 0 | 22.91 | 22.99 | 22.93 | 24.5 |
| 15 | 16QAM | 1 | 37 | 22.87 | 22.92 | 22.96 | |
| 15 | 16QAM | 1 | 74 | 22.80 | 22.93 | 22.88 | |
| 15 | 16QAM | 36 | 0 | 21.67 | 21.69 | 21.74 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.73 | 21.80 | 21.69 | |
| 15 | 16QAM | 36 | 39 | 21.71 | 21.65 | 21.80 | |
| 15 | 16QAM | 75 | 0 | 21.68 | 21.71 | 21.69 | |
| 15 | 64QAM | 1 | 0 | 21.87 | 21.86 | 21.82 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.78 | 21.81 | 21.57 | |
| 15 | 64QAM | 1 | 74 | 21.74 | 21.78 | 21.58 | |
| 15 | 64QAM | 36 | 0 | 20.65 | 20.68 | 20.59 | 22.5 |
| 15 | 64QAM | 36 | 20 | 20.71 | 20.77 | 20.71 | |
| 15 | 64QAM | 36 | 39 | 20.65 | 20.67 | 20.76 | |
| 15 | 64QAM | 75 | 0 | 20.66 | 20.76 | 20.53 | |
| 15 | 256QAM | 1 | 0 | 18.96 | 18.86 | 18.94 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.73 | 18.96 | 19.00 | |
| 15 | 256QAM | 1 | 74 | 18.85 | 18.96 | 18.96 | |
| 15 | 256QAM | 36 | 0 | 18.72 | 18.74 | 18.64 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.75 | 18.79 | 18.84 | |
| 15 | 256QAM | 36 | 39 | 18.70 | 18.82 | 18.88 | |
| 15 | 256QAM | 75 | 0 | 18.86 | 18.86 | 18.90 | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | |
| 10 | QPSK | 1 | 0 | 23.57 | 23.51 | 23.60 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.56 | 23.59 | 23.66 | |
| 10 | QPSK | 1 | 49 | 23.51 | 23.58 | 23.56 | |
| 10 | QPSK | 25 | 0 | 22.70 | 22.68 | 22.72 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.73 | 22.72 | 22.72 | |
| 10 | QPSK | 25 | 25 | 22.65 | 22.69 | 22.80 | |
| 10 | QPSK | 50 | 0 | 22.68 | 22.73 | 22.73 | |
| 10 | 16QAM | 1 | 0 | 22.91 | 22.90 | 22.95 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.84 | 22.87 | 22.90 | |
| 10 | 16QAM | 1 | 49 | 22.82 | 22.91 | 22.85 | |
| 10 | 16QAM | 25 | 0 | 21.65 | 21.70 | 21.69 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.72 | 21.71 | 21.78 | |
| 10 | 16QAM | 25 | 25 | 21.66 | 21.70 | 21.73 | |
| 10 | 16QAM | 50 | 0 | 21.65 | 21.69 | 21.71 | |
| 10 | 64QAM | 1 | 0 | 21.86 | 21.86 | 21.82 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.74 | 21.80 | 21.57 | |
| 10 | 64QAM | 1 | 49 | 21.75 | 21.83 | 21.52 | |
| 10 | 64QAM | 25 | 0 | 20.66 | 20.76 | 20.55 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.76 | 20.83 | 20.80 | |
| 10 | 64QAM | 25 | 25 | 20.65 | 20.76 | 20.75 | |
| 10 | 64QAM | 50 | 0 | 20.71 | 20.77 | 20.29 | |
| 10 | 256QAM | 1 | 0 | 18.97 | 18.86 | 18.98 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.69 | 18.97 | 19.05 | |
| 10 | 256QAM | 1 | 49 | 18.87 | 19.01 | 18.96 | |
| 10 | 256QAM | 25 | 0 | 18.75 | 18.74 | 18.64 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.73 | 18.84 | 18.89 | |
| 10 | 256QAM | 25 | 25 | 18.67 | 18.78 | 18.85 | |
| 10 | 256QAM | 50 | 0 | 18.77 | 18.83 | 18.93 | |
| Channel | | | | 26065 | 26340 | 26615 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | |
| 5 | QPSK | 1 | 0 | 23.53 | 23.51 | 23.58 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.52 | 23.54 | 23.59 | |
| 5 | QPSK | 1 | 24 | 23.52 | 23.58 | 23.52 | |
| 5 | QPSK | 12 | 0 | 22.61 | 22.65 | 22.72 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.67 | 22.78 | 22.69 | |
| 5 | QPSK | 12 | 13 | 22.64 | 22.71 | 22.83 | |
| 5 | QPSK | 25 | 0 | 22.72 | 22.65 | 22.72 | |
| 5 | 16QAM | 1 | 0 | 22.95 | 22.89 | 22.95 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.87 | 22.87 | 22.97 | |
| 5 | 16QAM | 1 | 24 | 22.86 | 22.92 | 22.86 | |
| 5 | 16QAM | 12 | 0 | 21.68 | 21.65 | 21.73 | 23.5 |
| 5 | 16QAM | 12 | 7 | 21.65 | 21.70 | 21.76 | |
| 5 | 16QAM | 12 | 13 | 21.68 | 21.74 | 21.78 | |
| 5 | 16QAM | 25 | 0 | 21.74 | 21.74 | 21.67 | |
| 5 | 64QAM | 1 | 0 | 21.84 | 21.87 | 21.79 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.82 | 21.80 | 21.59 | |
| 5 | 64QAM | 1 | 24 | 21.77 | 21.84 | 21.56 | |
| 5 | 64QAM | 12 | 0 | 20.69 | 20.74 | 20.59 | 22.5 |
| 5 | 64QAM | 12 | 7 | 20.73 | 20.82 | 20.77 | |
| 5 | 64QAM | 12 | 13 | 20.61 | 20.76 | 20.81 | |
| 5 | 64QAM | 25 | 0 | 20.72 | 20.79 | 20.29 | |
| 5 | 256QAM | 1 | 0 | 18.98 | 18.86 | 18.90 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.89 | 18.98 | |
| 5 | 256QAM | 1 | 24 | 18.87 | 18.99 | 18.92 | |
| 5 | 256QAM | 12 | 0 | 18.71 | 18.72 | 18.62 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.74 | 18.83 | 18.80 | |
| 5 | 256QAM | 12 | 13 | 18.68 | 18.79 | 18.85 | |
| 5 | 256QAM | 25 | 0 | 18.81 | 18.77 | 18.87 | |
| Channel | | | | 26055 | 26340 | 26625 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | |
| 3 | QPSK | 1 | 0 | 23.59 | 23.56 | 23.59 | 25.5 |
| 3 | QPSK | 1 | 8 | 23.56 | 23.52 | 23.62 | |
| 3 | QPSK | 1 | 14 | 23.59 | 23.53 | 23.58 | |
| 3 | QPSK | 8 | 0 | 22.83 | 22.87 | 22.72 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.72 | 22.79 | 22.75 | |
| 3 | QPSK | 8 | 7 | 22.58 | 22.69 | 22.79 | |
| 3 | QPSK | 15 | 0 | 22.65 | 22.65 | 22.73 | |
| 3 | 16QAM | 1 | 0 | 22.87 | 22.96 | 22.92 | 24.5 |
| 3 | 16QAM | 1 | 8 | 22.88 | 22.94 | 23.00 | |
| 3 | 16QAM | 1 | 14 | 22.83 | 22.94 | 22.91 | |
| 3 | 16QAM | 8 | 0 | 21.68 | 21.67 | 21.74 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.73 | 21.77 | 21.75 | |
| 3 | 16QAM | 8 | 7 | 21.71 | 21.66 | 21.76 | |
| 3 | 16QAM | 15 | 0 | 21.73 | 21.75 | 21.72 | |
| 3 | 64QAM | 1 | 0 | 21.87 | 21.90 | 21.87 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.79 | 21.78 | 21.55 | |
| 3 | 64QAM | 1 | 14 | 21.80 | 21.81 | 21.52 | |
| 3 | 64QAM | 8 | 0 | 20.66 | 20.66 | 20.57 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.78 | 20.75 | 20.74 | |
| 3 | 64QAM | 8 | 7 | 20.67 | 20.68 | 20.74 | |
| 3 | 64QAM | 15 | 0 | 20.66 | 20.77 | 20.24 | |
| 3 | 256QAM | 1 | 0 | 18.95 | 18.86 | 18.86 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.71 | 18.87 | 19.05 | |
| 3 | 256QAM | 1 | 14 | 18.86 | 18.99 | 18.89 | |
| 3 | 256QAM | 8 | 0 | 18.70 | 18.70 | 18.61 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.81 | 18.87 | 18.80 | |
| 3 | 256QAM | 8 | 7 | 18.71 | 18.86 | 18.85 | |
| 3 | 256QAM | 15 | 0 | 18.85 | 18.83 | 18.92 | |
| Channel | | | | 26047 | 26340 | 26633 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | |
| 1.4 | QPSK | 1 | 0 | 23.57 | 23.55 | 23.59 | 25.5 |
| 1.4 | QPSK | 1 | 3 | 23.58 | 23.63 | 23.58 | |
| 1.4 | QPSK | 1 | 5 | 23.53 | 23.61 | 23.61 | |
| 1.4 | QPSK | 3 | 0 | 23.54 | 23.55 | 23.62 | |
| 1.4 | QPSK | 3 | 1 | 23.58 | 23.61 | 23.59 | |
| 1.4 | QPSK | 3 | 3 | 23.56 | 23.62 | 23.66 | |
| 1.4 | QPSK | 6 | 0 | 22.62 | 22.69 | 22.76 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 22.85 | 22.85 | 22.90 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 22.96 | 22.96 | 23.01 | |
| 1.4 | 16QAM | 1 | 5 | 22.90 | 22.92 | 22.95 | |
| 1.4 | 16QAM | 3 | 0 | 22.62 | 22.67 | 22.67 | |
| 1.4 | 16QAM | 3 | 1 | 22.70 | 22.73 | 22.75 | |
| 1.4 | 16QAM | 3 | 3 | 22.87 | 22.72 | 22.70 | |
| 1.4 | 16QAM | 6 | 0 | 21.70 | 21.78 | 21.79 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.75 | 21.75 | 21.51 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.86 | 21.88 | 21.55 | |
| 1.4 | 64QAM | 1 | 5 | 21.73 | 21.81 | 21.50 | |
| 1.4 | 64QAM | 3 | 0 | 21.73 | 21.76 | 21.36 | |
| 1.4 | 64QAM | 3 | 1 | 21.80 | 21.82 | 21.42 | |
| 1.4 | 64QAM | 3 | 3 | 21.76 | 21.81 | 21.22 | |
| 1.4 | 64QAM | 6 | 0 | 20.64 | 20.71 | 20.50 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.90 | 18.92 | 18.94 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.94 | 18.90 | 18.86 | |
| 1.4 | 256QAM | 1 | 5 | 18.89 | 18.89 | 18.94 | |
| 1.4 | 256QAM | 3 | 0 | 18.86 | 18.92 | 18.95 | |
| 1.4 | 256QAM | 3 | 1 | 18.87 | 18.87 | 18.89 | |
| 1.4 | 256QAM | 3 | 3 | 18.86 | 18.95 | 18.90 | |
| 1.4 | 256QAM | 6 | 0 | 18.95 | 18.88 | 18.93 | 20.5 |

## Band 26_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 26705 | 26865 | 26965 | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | |
| 15 | QPSK | 1 | 0 | 23.60 | 23.49 | 23.47 | |
| 15 | QPSK | 1 | 37 | 23.46 | 23.46 | 23.43 | 25 |
| 15 | QPSK | 1 | 74 | 23.51 | 23.48 | 23.33 | |
| 15 | QPSK | 36 | 0 | 22.63 | 22.64 | 22.57 | |
| 15 | QPSK | 36 | 20 | 22.61 | 22.63 | 22.55 | 24 |
| 15 | QPSK | 36 | 39 | 22.62 | 22.62 | 22.54 | |
| 15 | QPSK | 75 | 0 | 22.66 | 22.64 | 22.57 | |
| 15 | 16QAM | 1 | 0 | 22.87 | 22.79 | 22.78 | |
| 15 | 16QAM | 1 | 37 | 22.78 | 22.78 | 22.76 | 24 |
| 15 | 16QAM | 1 | 74 | 22.74 | 22.74 | 22.64 | |
| 15 | 16QAM | 36 | 0 | 21.61 | 21.60 | 21.59 | |
| 15 | 16QAM | 36 | 20 | 21.64 | 21.64 | 21.56 | 23 |
| 15 | 16QAM | 36 | 39 | 21.61 | 21.62 | 21.58 | |
| 15 | 16QAM | 75 | 0 | 21.66 | 21.64 | 21.59 | |
| 15 | 64QAM | 1 | 0 | 21.73 | 21.64 | 21.68 | |
| 15 | 64QAM | 1 | 37 | 21.71 | 21.74 | 21.68 | 23 |
| 15 | 64QAM | 1 | 74 | 21.73 | 21.68 | 21.06 | |
| 15 | 64QAM | 36 | 0 | 20.30 | 20.63 | 20.65 | |
| 15 | 64QAM | 36 | 20 | 20.52 | 20.69 | 20.60 | 22 |
| 15 | 64QAM | 36 | 39 | 20.65 | 20.68 | 20.48 | |
| 15 | 64QAM | 75 | 0 | 20.67 | 20.66 | 20.58 | |
| 15 | 256QAM | 1 | 0 | 18.64 | 18.53 | 18.58 | |
| 15 | 256QAM | 1 | 37 | 18.59 | 18.53 | 18.50 | 20 |
| 15 | 256QAM | 1 | 74 | 18.50 | 18.57 | 18.40 | |
| 15 | 256QAM | 36 | 0 | 18.48 | 18.50 | 18.59 | |
| 15 | 256QAM | 36 | 20 | 18.48 | 18.47 | 18.36 | 20 |
| 15 | 256QAM | 36 | 39 | 18.37 | 18.41 | 18.42 | |
| 15 | 256QAM | 75 | 0 | 18.46 | 18.51 | 18.39 | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | |
| 10 | QPSK | 1 | 0 | 23.54 | 23.39 | 23.45 | |
| 10 | QPSK | 1 | 25 | 23.38 | 23.40 | 23.42 | 25 |
| 10 | QPSK | 1 | 49 | 23.42 | 23.49 | 23.23 | |
| 10 | QPSK | 25 | 0 | 22.59 | 22.55 | 22.55 | |
| 10 | QPSK | 25 | 12 | 22.63 | 22.60 | 22.50 | 24 |
| 10 | QPSK | 25 | 25 | 22.62 | 22.57 | 22.49 | |
| 10 | QPSK | 50 | 0 | 22.64 | 22.64 | 22.53 | |
| 10 | 16QAM | 1 | 0 | 22.82 | 22.75 | 22.73 | |
| 10 | 16QAM | 1 | 25 | 22.76 | 22.73 | 22.73 | 24 |
| 10 | 16QAM | 1 | 49 | 22.73 | 22.71 | 22.62 | |
| 10 | 16QAM | 25 | 0 | 21.57 | 21.59 | 21.57 | |
| 10 | 16QAM | 25 | 12 | 21.57 | 21.56 | 21.53 | 23 |
| 10 | 16QAM | 25 | 25 | 21.57 | 21.52 | 21.54 | |
| 10 | 16QAM | 50 | 0 | 21.66 | 21.63 | 21.50 | |
| 10 | 64QAM | 1 | 0 | 21.73 | 21.62 | 21.68 | |
| 10 | 64QAM | 1 | 25 | 21.66 | 21.74 | 21.59 | 23 |
| 10 | 64QAM | 1 | 49 | 21.71 | 21.60 | 21.06 | |
| 10 | 64QAM | 25 | 0 | 20.22 | 20.60 | 20.61 | |
| 10 | 64QAM | 25 | 12 | 20.44 | 20.67 | 20.57 | 22 |
| 10 | 64QAM | 25 | 25 | 20.57 | 20.62 | 20.42 | |
| 10 | 64QAM | 50 | 0 | 20.62 | 20.59 | 20.51 | |
| 10 | 256QAM | 1 | 0 | 18.61 | 18.49 | 18.55 | |
| 10 | 256QAM | 1 | 25 | 18.49 | 18.47 | 18.47 | 20 |
| 10 | 256QAM | 1 | 49 | 18.48 | 18.51 | 18.30 | |
| 10 | 256QAM | 25 | 0 | 18.41 | 18.45 | 18.43 | |
| 10 | 256QAM | 25 | 12 | 18.48 | 18.45 | 18.30 | 20 |
| 10 | 256QAM | 25 | 25 | 18.35 | 18.40 | 18.42 | |
| 10 | 256QAM | 50 | 0 | 18.45 | 18.41 | 18.37 | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | |
| 5 | QPSK | 1 | 0 | 23.53 | 23.40 | 23.47 | |
| 5 | QPSK | 1 | 12 | 23.37 | 23.44 | 23.35 | 25 |
| 5 | QPSK | 1 | 24 | 23.50 | 23.42 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.60 | 22.55 | 22.57 | |
| 5 | QPSK | 12 | 7 | 22.57 | 22.56 | 22.53 | 24 |
| 5 | QPSK | 12 | 13 | 22.60 | 22.52 | 22.56 | |
| 5 | QPSK | 25 | 0 | 22.62 | 22.64 | 22.48 | |
| 5 | 16QAM | 1 | 0 | 22.87 | 22.78 | 22.74 | |
| 5 | 16QAM | 1 | 12 | 22.73 | 22.70 | 22.72 | 24 |
| 5 | 16QAM | 1 | 24 | 22.64 | 22.67 | 22.56 | |
| 5 | 16QAM | 12 | 0 | 21.57 | 21.58 | 21.49 | |
| 5 | 16QAM | 12 | 7 | 21.55 | 21.61 | 21.47 | 23 |
| 5 | 16QAM | 12 | 13 | 21.55 | 21.60 | 21.53 | |
| 5 | 16QAM | 25 | 0 | 21.64 | 21.54 | 21.57 | |
| 5 | 64QAM | 1 | 0 | 21.72 | 21.60 | 21.63 | |
| 5 | 64QAM | 1 | 12 | 21.69 | 21.71 | 21.68 | 23 |
| 5 | 64QAM | 1 | 24 | 21.71 | 21.59 | 21.06 | |
| 5 | 64QAM | 12 | 0 | 20.20 | 20.54 | 20.57 | |
| 5 | 64QAM | 12 | 7 | 20.46 | 20.60 | 20.52 | 22 |
| 5 | 64QAM | 12 | 13 | 20.60 | 20.67 | 20.40 | |
| 5 | 64QAM | 25 | 0 | 20.65 | 20.57 | 20.57 | |
| 5 | 256QAM | 1 | 0 | 18.54 | 18.51 | 18.53 | |
| 5 | 256QAM | 1 | 12 | 18.56 | 18.48 | 18.42 | 20 |
| 5 | 256QAM | 1 | 24 | 18.49 | 18.55 | 18.30 | |
| 5 | 256QAM | 12 | 0 | 18.40 | 18.41 | 18.40 | |
| 5 | 256QAM | 12 | 7 | 18.45 | 18.39 | 18.29 | 20 |
| 5 | 256QAM | 12 | 13 | 18.27 | 18.41 | 18.38 | |
| 5 | 256QAM | 25 | 0 | 18.46 | 18.43 | 18.36 | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | |
| 3 | QPSK | 1 | 0 | 23.47 | 23.44 | 23.46 | |
| 3 | QPSK | 1 | 8 | 23.41 | 23.46 | 23.34 | 25 |
| 3 | QPSK | 1 | 14 | 23.51 | 23.44 | 23.27 | |
| 3 | QPSK | 8 | 0 | 22.62 | 22.59 | 22.49 | |
| 3 | QPSK | 8 | 4 | 22.62 | 22.58 | 22.50 | 24 |
| 3 | QPSK | 8 | 7 | 22.56 | 22.56 | 22.56 | |
| 3 | QPSK | 15 | 0 | 22.60 | 22.64 | 22.51 | |
| 3 | 16QAM | 1 | 0 | 22.77 | 22.77 | 22.72 | |
| 3 | 16QAM | 1 | 8 | 22.78 | 22.69 | 22.70 | 24 |
| 3 | 16QAM | 1 | 14 | 22.71 | 22.66 | 22.62 | |
| 3 | 16QAM | 8 | 0 | 21.54 | 21.57 | 21.56 | |
| 3 | 16QAM | 8 | 4 | 21.54 | 21.62 | 21.52 | 23 |
| 3 | 16QAM | 8 | 7 | 21.51 | 21.54 | 21.52 | |
| 3 | 16QAM | 15 | 0 | 21.64 | 21.56 | 21.53 | |
| 3 | 64QAM | 1 | 0 | 21.65 | 21.56 | 21.68 | |
| 3 | 64QAM | 1 | 8 | 21.69 | 21.73 | 21.63 | 23 |
| 3 | 64QAM | 1 | 14 | 21.73 | 21.63 | 21.06 | |
| 3 | 64QAM | 8 | 0 | 20.20 | 20.58 | 20.60 | |
| 3 | 64QAM | 8 | 4 | 20.44 | 20.63 | 20.53 | 22 |
| 3 | 64QAM | 8 | 7 | 20.62 | 20.62 | 20.39 | |
| 3 | 64QAM | 15 | 0 | 20.61 | 20.65 | 20.58 | |
| 3 | 256QAM | 1 | 0 | 18.57 | 18.49 | 18.56 | |
| 3 | 256QAM | 1 | 8 | 18.59 | 18.49 | 18.48 | 20 |
| 3 | 256QAM | 1 | 14 | 18.41 | 18.56 | 18.36 | |
| 3 | 256QAM | 8 | 0 | 18.44 | 18.50 | 18.45 | |
| 3 | 256QAM | 8 | 4 | 18.46 | 18.43 | 18.33 | 20 |
| 3 | 256QAM | 8 | 7 | 18.35 | 18.36 | 18.32 | |
| 3 | 256QAM | 15 | 0 | 18.46 | 18.46 | 18.33 | |
| Channel | | | | 26707 | 26865 | 27023 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | |
| 1.4 | QPSK | 1 | 0 | 23.57 | 23.42 | 23.41 | |
| 1.4 | QPSK | 1 | 3 | 23.58 | 23.54 | 23.40 | |
| 1.4 | QPSK | 1 | 5 | 23.53 | 23.44 | 23.31 | 25 |
| 1.4 | QPSK | 3 | 0 | 23.59 | 23.45 | 23.41 | |
| 1.4 | QPSK | 3 | 1 | 23.57 | 23.52 | 23.46 | |
| 1.4 | QPSK | 3 | 3 | 23.59 | 23.49 | 23.44 | |
| 1.4 | QPSK | 6 | 0 | 22.67 | 22.57 | 22.46 | 24 |
| 1.4 | 16QAM | 1 | 0 | 22.92 | 22.82 | 22.69 | |
| 1.4 | 16QAM | 1 | 3 | 22.95 | 22.84 | 22.74 | |
| 1.4 | 16QAM | 1 | 5 | 22.88 | 22.74 | 22.67 | 24 |
| 1.4 | 16QAM | 3 | 0 | 22.70 | 22.57 | 22.49 | |
| 1.4 | 16QAM | 3 | 1 | 22.77 | 22.62 | 22.52 | |
| 1.4 | 16QAM | 3 | 3 | 22.66 | 22.60 | 22.44 | |
| 1.4 | 16QAM | 6 | 0 | 21.71 | 21.65 | 21.51 | 23 |
| 1.4 | 64QAM | 1 | 0 | 21.44 | 21.74 | 21.02 | |
| 1.4 | 64QAM | 1 | 3 | 21.49 | 21.82 | 21.08 | |
| 1.4 | 64QAM | 1 | 5 | 21.44 | 21.74 | 21.02 | 23 |
| 1.4 | 64QAM | 3 | 0 | 21.45 | 21.68 | 21.00 | |
| 1.4 | 64QAM | 3 | 1 | 21.51 | 21.73 | 21.08 | |
| 1.4 | 64QAM | 3 | 3 | 21.44 | 21.71 | 21.07 | |
| 1.4 | 64QAM | 6 | 0 | 20.27 | 20.61 | 20.00 | 22 |
| 1.4 | 256QAM | 1 | 0 | 18.63 | 18.51 | 18.55 | |
| 1.4 | 256QAM | 1 | 3 | 18.56 | 18.47 | 18.59 | |
| 1.4 | 256QAM | 1 | 5 | 18.41 | 18.47 | 18.35 | 20 |
| 1.4 | 256QAM | 3 | 0 | 18.46 | 18.46 | 18.49 | |
| 1.4 | 256QAM | 3 | 1 | 18.38 | 18.44 | 18.30 | |
| 1.4 | 256QAM | 3 | 3 | 18.30 | 18.35 | 18.39 | |
| 1.4 | 256QAM | 6 | 0 | 18.44 | 18.43 | 18.38 | 20 |

**Band 30_Ant 0**

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | | 27710 | | |
| Frequency (MHz) | | | | | 2310 | | |
| 10 | QPSK | 1 | 0 | | 23.87 | | 25.7 |
| 10 | QPSK | 1 | 25 | | 23.88 | | |
| 10 | QPSK | 1 | 49 | | 23.85 | | |
| 10 | QPSK | 25 | 0 | | 22.90 | | 24.7 |
| 10 | QPSK | 25 | 12 | | 22.94 | | |
| 10 | QPSK | 25 | 25 | | 22.96 | | |
| 10 | QPSK | 50 | 0 | | 22.94 | | |
| 10 | 16QAM | 1 | 0 | | 23.21 | | 24.7 |
| 10 | 16QAM | 1 | 25 | | 23.25 | | |
| 10 | 16QAM | 1 | 49 | | 23.23 | | |
| 10 | 16QAM | 25 | 0 | | 21.88 | | 23.7 |
| 10 | 16QAM | 25 | 12 | | 21.97 | | |
| 10 | 16QAM | 25 | 25 | | 21.94 | | |
| 10 | 16QAM | 50 | 0 | | 21.93 | | |
| 10 | 64QAM | 1 | 0 | | 22.09 | | 23.7 |
| 10 | 64QAM | 1 | 25 | | 22.17 | | |
| 10 | 64QAM | 1 | 49 | | 22.02 | | |
| 10 | 64QAM | 25 | 0 | | 20.92 | | 22.7 |
| 10 | 64QAM | 25 | 12 | | 21.02 | | |
| 10 | 64QAM | 25 | 25 | | 20.95 | | |
| 10 | 64QAM | 50 | 0 | | 20.98 | | |
| 10 | 256QAM | 1 | 0 | | 19.20 | | 20.7 |
| 10 | 256QAM | 1 | 25 | | 19.29 | | |
| 10 | 256QAM | 1 | 49 | | 19.13 | | |
| 10 | 256QAM | 25 | 0 | | 18.96 | | 20.7 |
| 10 | 256QAM | 25 | 12 | | 19.06 | | |
| 10 | 256QAM | 25 | 25 | | 19.03 | | |
| 10 | 256QAM | 50 | 0 | | 19.03 | | |
| Channel | | | | 27685 | 27710 | 27735 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2307.5 | 2310 | 2312.5 | |
| 5 | QPSK | 1 | 0 | 23.75 | 23.79 | 23.86 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.82 | 23.86 | 23.80 | |
| 5 | QPSK | 1 | 24 | 23.85 | 23.87 | 23.79 | |
| 5 | QPSK | 12 | 0 | 22.87 | 22.89 | 22.94 | 24.7 |
| 5 | QPSK | 12 | 7 | 22.99 | 22.94 | 22.98 | |
| 5 | QPSK | 12 | 13 | 22.99 | 22.93 | 22.96 | |
| 5 | QPSK | 25 | 0 | 22.97 | 22.94 | 22.99 | |
| 5 | 16QAM | 1 | 0 | 23.07 | 23.10 | 23.17 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.18 | 23.17 | 23.19 | |
| 5 | 16QAM | 1 | 24 | 23.24 | 23.18 | 23.25 | |
| 5 | 16QAM | 12 | 0 | 21.88 | 21.93 | 21.95 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.01 | 21.98 | 22.00 | |
| 5 | 16QAM | 12 | 13 | 22.01 | 21.95 | 21.98 | |
| 5 | 16QAM | 25 | 0 | 21.96 | 21.94 | 21.94 | |
| 5 | 64QAM | 1 | 0 | 22.03 | 22.08 | 21.87 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.10 | 22.14 | 21.97 | |
| 5 | 64QAM | 1 | 24 | 22.16 | 22.09 | 21.83 | |
| 5 | 64QAM | 12 | 0 | 20.94 | 20.96 | 20.93 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.05 | 21.02 | 20.96 | |
| 5 | 64QAM | 12 | 13 | 21.05 | 20.96 | 20.95 | |
| 5 | 64QAM | 25 | 0 | 21.01 | 21.00 | 20.81 | |
| 5 | 256QAM | 1 | 0 | 19.11 | 19.19 | 19.18 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.21 | 19.19 | 19.22 | |
| 5 | 256QAM | 1 | 24 | 19.08 | 19.05 | 19.05 | |
| 5 | 256QAM | 12 | 0 | 18.93 | 18.86 | 18.90 | 20.7 |
| 5 | 256QAM | 12 | 7 | 18.99 | 19.06 | 18.96 | |
| 5 | 256QAM | 12 | 13 | 19.03 | 18.93 | 18.99 | |
| 5 | 256QAM | 25 | 0 | 19.03 | 18.96 | 19.01 | |

## Band 66_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | QPSK | 1 | 0 | 23.52 | 23.54 | 23.45 | 25.1 |
| 20 | QPSK | 1 | 49 | 23.41 | 23.42 | 23.30 | |
| 20 | QPSK | 1 | 99 | 23.36 | 23.37 | 23.22 | |
| 20 | QPSK | 50 | 0 | 22.94 | 22.95 | 22.84 | 24.5 |
| 20 | QPSK | 50 | 24 | 22.96 | 22.97 | 22.91 | |
| 20 | QPSK | 50 | 50 | 22.91 | 22.94 | 22.81 | |
| 20 | QPSK | 100 | 0 | 22.95 | 22.88 | 22.89 | |
| 20 | 16QAM | 1 | 0 | 23.24 | 23.29 | 23.20 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.13 | 23.19 | 23.04 | |
| 20 | 16QAM | 1 | 99 | 23.12 | 23.08 | 22.89 | |
| 20 | 16QAM | 50 | 0 | 21.93 | 21.95 | 21.87 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.00 | 21.94 | 21.90 | |
| 20 | 16QAM | 50 | 50 | 21.92 | 21.93 | 21.82 | |
| 20 | 16QAM | 100 | 0 | 21.95 | 21.91 | 21.89 | |
| 20 | 64QAM | 1 | 0 | 22.01 | 22.12 | 22.05 | 23.5 |
| 20 | 64QAM | 1 | 49 | 22.04 | 22.05 | 21.70 | |
| 20 | 64QAM | 1 | 99 | 22.00 | 22.02 | 21.92 | |
| 20 | 64QAM | 50 | 0 | 20.95 | 20.98 | 20.89 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.01 | 20.95 | 20.76 | |
| 20 | 64QAM | 50 | 50 | 20.97 | 20.97 | 20.85 | |
| 20 | 64QAM | 100 | 0 | 20.98 | 20.92 | 20.91 | |
| 20 | 256QAM | 1 | 0 | 18.81 | 18.98 | 18.89 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.97 | 18.94 | 18.83 | |
| 20 | 256QAM | 1 | 99 | 18.98 | 19.08 | 18.99 | |
| 20 | 256QAM | 50 | 0 | 18.80 | 18.80 | 18.82 | 20.5 |
| 20 | 256QAM | 50 | 24 | 18.80 | 18.82 | 18.92 | |
| 20 | 256QAM | 50 | 50 | 18.90 | 18.91 | 18.81 | |
| 20 | 256QAM | 100 | 0 | 18.89 | 18.83 | 18.89 | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | QPSK | 1 | 0 | 23.45 | 23.47 | 23.35 | 25.1 |
| 15 | QPSK | 1 | 37 | 23.38 | 23.41 | 23.23 | |
| 15 | QPSK | 1 | 74 | 23.35 | 23.36 | 23.18 | |
| 15 | QPSK | 36 | 0 | 22.90 | 22.93 | 22.79 | 24.5 |
| 15 | QPSK | 36 | 20 | 22.94 | 22.89 | 22.84 | |
| 15 | QPSK | 36 | 39 | 22.85 | 22.94 | 22.77 | |
| 15 | QPSK | 75 | 0 | 22.90 | 22.88 | 22.83 | |
| 15 | 16QAM | 1 | 0 | 23.15 | 23.24 | 23.11 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.12 | 23.12 | 22.96 | |
| 15 | 16QAM | 1 | 74 | 23.06 | 23.04 | 22.85 | |
| 15 | 16QAM | 36 | 0 | 21.83 | 21.86 | 21.78 | 23.5 |
| 15 | 16QAM | 36 | 20 | 21.99 | 21.90 | 21.90 | |
| 15 | 16QAM | 36 | 39 | 21.85 | 21.90 | 21.72 | |
| 15 | 16QAM | 75 | 0 | 21.89 | 21.91 | 21.86 | |
| 15 | 64QAM | 1 | 0 | 22.01 | 22.06 | 21.97 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.95 | 21.95 | 21.69 | |
| 15 | 64QAM | 1 | 74 | 22.00 | 21.93 | 21.86 | |
| 15 | 64QAM | 36 | 0 | 20.94 | 20.88 | 20.89 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.00 | 20.91 | 20.75 | |
| 15 | 64QAM | 36 | 39 | 20.94 | 20.94 | 20.84 | |
| 15 | 64QAM | 75 | 0 | 20.94 | 20.82 | 20.81 | |
| 15 | 256QAM | 1 | 0 | 18.77 | 18.97 | 18.84 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.95 | 18.93 | 18.79 | |
| 15 | 256QAM | 1 | 74 | 18.93 | 18.98 | 18.91 | |
| 15 | 256QAM | 36 | 0 | 18.70 | 18.76 | 18.76 | 20.5 |
| 15 | 256QAM | 36 | 20 | 18.75 | 18.72 | 18.91 | |
| 15 | 256QAM | 36 | 39 | 18.80 | 18.88 | 18.76 | |
| 15 | 256QAM | 75 | 0 | 18.85 | 18.74 | 18.88 | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | QPSK | 1 | 0 | 23.48 | 23.49 | 23.40 | 25.1 |
| 10 | QPSK | 1 | 25 | 23.37 | 23.41 | 23.22 | |
| 10 | QPSK | 1 | 49 | 23.35 | 23.31 | 23.12 | |
| 10 | QPSK | 25 | 0 | 22.93 | 22.92 | 22.83 | 24.5 |
| 10 | QPSK | 25 | 12 | 22.98 | 22.84 | 22.84 | |
| 10 | QPSK | 25 | 25 | 22.89 | 22.92 | 22.79 | |
| 10 | QPSK | 50 | 0 | 22.85 | 22.88 | 22.84 | |
| 10 | 16QAM | 1 | 0 | 23.16 | 23.27 | 23.12 | 24.5 |
| 10 | 16QAM | 1 | 25 | 23.11 | 23.09 | 22.99 | |
| 10 | 16QAM | 1 | 49 | 23.11 | 23.05 | 22.86 | |
| 10 | 16QAM | 25 | 0 | 21.91 | 21.92 | 21.79 | 23.5 |
| 10 | 16QAM | 25 | 12 | 21.96 | 21.92 | 21.80 | |
| 10 | 16QAM | 25 | 25 | 21.90 | 21.86 | 21.78 | |
| 10 | 16QAM | 50 | 0 | 21.85 | 21.91 | 21.83 | |
| 10 | 64QAM | 1 | 0 | 21.96 | 22.07 | 21.95 | 23.5 |
| 10 | 64QAM | 1 | 25 | 22.01 | 21.97 | 21.70 | |
| 10 | 64QAM | 1 | 49 | 21.90 | 21.97 | 21.90 | |
| 10 | 64QAM | 25 | 0 | 20.85 | 20.93 | 20.79 | 22.5 |
| 10 | 64QAM | 25 | 12 | 20.98 | 20.86 | 20.74 | |
| 10 | 64QAM | 25 | 25 | 20.93 | 20.95 | 20.85 | |
| 10 | 64QAM | 50 | 0 | 20.97 | 20.89 | 20.86 | |
| 10 | 256QAM | 1 | 0 | 18.80 | 18.95 | 18.82 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.93 | 18.87 | 18.77 | |
| 10 | 256QAM | 1 | 49 | 18.91 | 19.07 | 18.91 | |
| 10 | 256QAM | 25 | 0 | 18.80 | 18.73 | 18.72 | 20.5 |
| 10 | 256QAM | 25 | 12 | 18.71 | 18.78 | 18.86 | |
| 10 | 256QAM | 25 | 25 | 18.83 | 18.91 | 18.76 | |
| 10 | 256QAM | 50 | 0 | 18.88 | 18.73 | 18.83 | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | QPSK | 1 | 0 | 23.50 | 23.49 | 23.45 | 25.1 |
| 5 | QPSK | 1 | 12 | 23.35 | 23.35 | 23.28 | |
| 5 | QPSK | 1 | 24 | 23.30 | 23.36 | 23.15 | |
| 5 | QPSK | 12 | 0 | 22.94 | 22.91 | 22.77 | 24.5 |
| 5 | QPSK | 12 | 7 | 22.96 | 22.88 | 22.84 | |
| 5 | QPSK | 12 | 13 | 22.90 | 22.85 | 22.81 | |
| 5 | QPSK | 25 | 0 | 22.86 | 22.78 | 22.86 | |
| 5 | 16QAM | 1 | 0 | 23.24 | 23.22 | 23.19 | 24.5 |
| 5 | 16QAM | 1 | 12 | 23.12 | 23.10 | 23.04 | |
| 5 | 16QAM | 1 | 24 | 23.09 | 22.98 | 22.86 | |
| 5 | 16QAM | 12 | 0 | 21.84 | 21.95 | 21.83 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.00 | 21.90 | 21.88 | |
| 5 | 16QAM | 12 | 13 | 21.86 | 21.83 | 21.75 | |
| 5 | 16QAM | 25 | 0 | 21.94 | 21.84 | 21.82 | |
| 5 | 64QAM | 1 | 0 | 21.96 | 22.07 | 22.00 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.94 | 22.03 | 21.66 | |
| 5 | 64QAM | 1 | 24 | 21.91 | 21.94 | 21.92 | |
| 5 | 64QAM | 12 | 0 | 20.93 | 20.94 | 20.81 | 22.5 |
| 5 | 64QAM | 12 | 7 | 20.97 | 20.86 | 20.75 | |
| 5 | 64QAM | 12 | 13 | 20.97 | 20.92 | 20.76 | |
| 5 | 64QAM | 25 | 0 | 20.95 | 20.90 | 20.82 | |
| 5 | 256QAM | 1 | 0 | 18.80 | 18.98 | 18.89 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.94 | 18.87 | 18.78 | |
| 5 | 256QAM | 1 | 24 | 18.90 | 18.99 | 18.91 | |
| 5 | 256QAM | 12 | 0 | 18.70 | 18.70 | 18.80 | 20.5 |
| 5 | 256QAM | 12 | 7 | 18.70 | 18.79 | 18.85 | |
| 5 | 256QAM | 12 | 13 | 18.81 | 18.86 | 18.79 | |
| 5 | 256QAM | 25 | 0 | 18.88 | 18.73 | 18.89 | |
| Channel | | | | 131967 | 132322 | 132677 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | |
| 3 | QPSK | 1 | 0 | 23.51 | 23.51 | 23.45 | 25.1 |
| 3 | QPSK | 1 | 8 | 23.33 | 23.36 | 23.21 | |
| 3 | QPSK | 1 | 14 | 23.29 | 23.30 | 23.17 | |
| 3 | QPSK | 8 | 0 | 22.91 | 22.91 | 22.77 | 24.5 |
| 3 | QPSK | 8 | 4 | 22.90 | 22.93 | 22.83 | |
| 3 | QPSK | 8 | 7 | 22.91 | 22.84 | 22.78 | |
| 3 | QPSK | 15 | 0 | 22.86 | 22.85 | 22.81 | |
| 3 | 16QAM | 1 | 0 | 23.17 | 23.24 | 23.17 | 24.5 |
| 3 | 16QAM | 1 | 8 | 23.03 | 23.09 | 23.04 | |
| 3 | 16QAM | 1 | 14 | 23.06 | 23.05 | 22.82 | |
| 3 | 16QAM | 8 | 0 | 21.88 | 21.90 | 21.80 | 23.5 |
| 3 | 16QAM | 8 | 4 | 21.94 | 21.94 | 21.81 | |
| 3 | 16QAM | 8 | 7 | 21.88 | 21.90 | 21.76 | |
| 3 | 16QAM | 15 | 0 | 21.95 | 21.81 | 21.87 | |
| 3 | 64QAM | 1 | 0 | 21.98 | 22.11 | 22.03 | 23.5 |
| 3 | 64QAM | 1 | 8 | 21.95 | 21.96 | 21.63 | |
| 3 | 64QAM | 1 | 14 | 21.98 | 22.01 | 21.84 | |
| 3 | 64QAM | 8 | 0 | 20.90 | 20.98 | 20.89 | 22.5 |
| 3 | 64QAM | 8 | 4 | 20.94 | 20.87 | 20.72 | |
| 3 | 64QAM | 8 | 7 | 20.95 | 20.97 | 20.81 | |
| 3 | 64QAM | 15 | 0 | 20.89 | 20.91 | 20.82 | |
| 3 | 256QAM | 1 | 0 | 18.79 | 18.93 | 18.86 | 20.5 |
| 3 | 256QAM | 1 | 8 | 18.97 | 18.94 | 18.78 | |
| 3 | 256QAM | 1 | 14 | 18.98 | 19.02 | 18.93 | |
| 3 | 256QAM | 8 | 0 | 18.78 | 18.74 | 18.78 | 20.5 |
| 3 | 256QAM | 8 | 4 | 18.74 | 18.81 | 18.84 | |
| 3 | 256QAM | 8 | 7 | 18.80 | 18.91 | 18.75 | |
| 3 | 256QAM | 15 | 0 | 18.89 | 18.83 | 18.79 | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | |
| 1.4 | QPSK | 1 | 0 | 23.35 | 23.38 | 23.23 | 25.1 |
| 1.4 | QPSK | 1 | 3 | 23.41 | 23.41 | 23.25 | |
| 1.4 | QPSK | 1 | 5 | 23.35 | 23.36 | 23.22 | |
| 1.4 | QPSK | 3 | 0 | 23.42 | 23.44 | 23.23 | |
| 1.4 | QPSK | 3 | 1 | 23.43 | 23.45 | 23.30 | |
| 1.4 | QPSK | 3 | 3 | 23.38 | 23.44 | 23.23 | |
| 1.4 | QPSK | 6 | 0 | 22.89 | 22.87 | 22.72 | 24.5 |
| 1.4 | 16QAM | 1 | 0 | 23.07 | 23.11 | 22.95 | 24.5 |
| 1.4 | 16QAM | 1 | 3 | 23.18 | 23.15 | 23.00 | |
| 1.4 | 16QAM | 1 | 5 | 23.09 | 23.10 | 22.96 | |
| 1.4 | 16QAM | 3 | 0 | 22.88 | 22.91 | 22.73 | |
| 1.4 | 16QAM | 3 | 1 | 22.95 | 22.96 | 22.78 | |
| 1.4 | 16QAM | 3 | 3 | 22.86 | 22.90 | 22.74 | |
| 1.4 | 16QAM | 6 | 0 | 21.92 | 21.94 | 21.79 | 23.5 |
| 1.4 | 64QAM | 1 | 0 | 21.85 | 22.03 | 21.88 | 23.5 |
| 1.4 | 64QAM | 1 | 3 | 21.92 | 22.12 | 21.96 | |
| 1.4 | 64QAM | 1 | 5 | 21.86 | 22.05 | 21.86 | |
| 1.4 | 64QAM | 3 | 0 | 21.84 | 22.02 | 21.85 | |
| 1.4 | 64QAM | 3 | 1 | 22.01 | 22.07 | 21.89 | |
| 1.4 | 64QAM | 3 | 3 | 21.97 | 22.01 | 21.84 | |
| 1.4 | 64QAM | 6 | 0 | 20.78 | 20.88 | 20.72 | 22.5 |
| 1.4 | 256QAM | 1 | 0 | 18.79 | 18.95 | 18.83 | 20.5 |
| 1.4 | 256QAM | 1 | 3 | 18.94 | 18.94 | 18.83 | |
| 1.4 | 256QAM | 1 | 5 | 18.91 | 19.03 | 18.95 | |
| 1.4 | 256QAM | 3 | 0 | 18.74 | 18.70 | 18.74 | |
| 1.4 | 256QAM | 3 | 1 | 18.71 | 18.77 | 18.85 | |
| 1.4 | 256QAM | 3 | 3 | 18.89 | 18.81 | 18.74 | |
| 1.4 | 256QAM | 6 | 0 | 18.86 | 18.74 | 18.87 | 20.5 |

## Band 71_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 133222 | 133322 | 133372 | |
| Frequency (MHz) | | | | 673 | 683 | 688 | |
| 20 | QPSK | 1 | 0 | 23.48 | 23.49 | 23.37 | |
| 20 | QPSK | 1 | 49 | 23.42 | 23.41 | 23.37 | 25 |
| 20 | QPSK | 1 | 99 | 23.35 | 23.39 | 23.35 | |
| 20 | QPSK | 50 | 0 | 22.57 | 22.58 | 22.46 | |
| 20 | QPSK | 50 | 24 | 22.54 | 22.49 | 22.48 | 24 |
| 20 | QPSK | 50 | 50 | 22.56 | 22.51 | 22.50 | |
| 20 | QPSK | 100 | 0 | 22.51 | 22.52 | 22.46 | |
| 20 | 16QAM | 1 | 0 | 22.86 | 22.82 | 22.74 | |
| 20 | 16QAM | 1 | 49 | 22.77 | 22.77 | 22.76 | 24 |
| 20 | 16QAM | 1 | 99 | 22.71 | 22.72 | 22.71 | |
| 20 | 16QAM | 50 | 0 | 21.58 | 21.53 | 21.48 | |
| 20 | 16QAM | 50 | 24 | 21.61 | 21.51 | 21.49 | 23 |
| 20 | 16QAM | 50 | 50 | 21.58 | 21.53 | 21.50 | |
| 20 | 16QAM | 100 | 0 | 21.59 | 21.48 | 21.46 | |
| 20 | 64QAM | 1 | 0 | 21.73 | 21.67 | 21.63 | |
| 20 | 64QAM | 1 | 49 | 21.66 | 21.60 | 21.56 | 23 |
| 20 | 64QAM | 1 | 99 | 21.59 | 21.63 | 21.60 | |
| 20 | 64QAM | 50 | 0 | 20.50 | 20.56 | 20.47 | |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.54 | 20.51 | 22 |
| 20 | 64QAM | 50 | 50 | 20.60 | 20.56 | 20.53 | |
| 20 | 64QAM | 100 | 0 | 20.61 | 20.52 | 20.49 | |
| 20 | 256QAM | 1 | 0 | 18.58 | 18.44 | 18.57 | |
| 20 | 256QAM | 1 | 49 | 18.57 | 18.32 | 18.46 | 20 |
| 20 | 256QAM | 1 | 99 | 18.46 | 18.45 | 18.49 | |
| 20 | 256QAM | 50 | 0 | 18.47 | 18.43 | 18.39 | |
| 20 | 256QAM | 50 | 24 | 18.41 | 18.38 | 18.29 | 20 |
| 20 | 256QAM | 50 | 50 | 18.35 | 18.35 | 18.27 | |
| 20 | 256QAM | 100 | 0 | 18.43 | 18.36 | 18.29 | |
| Channel | | | | 133197 | 133297 | 133397 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | QPSK | 1 | 0 | 23.41 | 23.46 | 23.29 | |
| 15 | QPSK | 1 | 37 | 23.40 | 23.37 | 23.35 | 25 |
| 15 | QPSK | 1 | 74 | 23.25 | 23.32 | 23.27 | |
| 15 | QPSK | 36 | 0 | 22.49 | 22.48 | 22.41 | |
| 15 | QPSK | 36 | 20 | 22.50 | 22.45 | 22.40 | 24 |
| 15 | QPSK | 36 | 39 | 22.47 | 22.41 | 22.44 | |
| 15 | QPSK | 75 | 0 | 22.47 | 22.45 | 22.42 | |
| 15 | 16QAM | 1 | 0 | 22.80 | 22.82 | 22.71 | |
| 15 | 16QAM | 1 | 37 | 22.75 | 22.67 | 22.69 | 24 |
| 15 | 16QAM | 1 | 74 | 22.68 | 22.70 | 22.70 | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.53 | 21.44 | |
| 15 | 16QAM | 36 | 20 | 21.56 | 21.42 | 21.44 | 23 |
| 15 | 16QAM | 36 | 39 | 21.48 | 21.51 | 21.45 | |
| 15 | 16QAM | 75 | 0 | 21.53 | 21.41 | 21.44 | |
| 15 | 64QAM | 1 | 0 | 21.65 | 21.57 | 21.62 | |
| 15 | 64QAM | 1 | 37 | 21.56 | 21.51 | 21.55 | 23 |
| 15 | 64QAM | 1 | 74 | 21.50 | 21.58 | 21.60 | |
| 15 | 64QAM | 36 | 0 | 20.47 | 20.49 | 20.42 | |
| 15 | 64QAM | 36 | 20 | 20.62 | 20.54 | 20.50 | 22 |
| 15 | 64QAM | 36 | 39 | 20.52 | 20.54 | 20.50 | |
| 15 | 64QAM | 75 | 0 | 20.58 | 20.48 | 20.49 | |
| 15 | 256QAM | 1 | 0 | 18.53 | 18.40 | 18.55 | |
| 15 | 256QAM | 1 | 37 | 18.52 | 18.31 | 18.43 | 20 |
| 15 | 256QAM | 1 | 74 | 18.45 | 18.35 | 18.47 | |
| 15 | 256QAM | 36 | 0 | 18.43 | 18.40 | 18.34 | |
| 15 | 256QAM | 36 | 20 | 18.38 | 18.35 | 18.23 | 20 |
| 15 | 256QAM | 36 | 39 | 18.29 | 18.30 | 18.22 | |
| 15 | 256QAM | 75 | 0 | 18.39 | 18.33 | 18.19 | |
| Channel | | | | 133172 | 133272 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 678 | 693 | |
| 10 | QPSK | 1 | 0 | 23.40 | 23.48 | 23.35 | |
| 10 | QPSK | 1 | 25 | 23.40 | 23.38 | 23.34 | 25 |
| 10 | QPSK | 1 | 49 | 23.25 | 23.34 | 23.34 | |
| 10 | QPSK | 25 | 0 | 22.57 | 22.53 | 22.39 | |
| 10 | QPSK | 25 | 12 | 22.53 | 22.46 | 22.47 | 24 |
| 10 | QPSK | 25 | 25 | 22.51 | 22.48 | 22.40 | |
| 10 | QPSK | 50 | 0 | 22.48 | 22.45 | 22.40 | |
| 10 | 16QAM | 1 | 0 | 22.85 | 22.82 | 22.70 | |
| 10 | 16QAM | 1 | 25 | 22.67 | 22.69 | 22.76 | 24 |
| 10 | 16QAM | 1 | 49 | 22.64 | 22.62 | 22.65 | |
| 10 | 16QAM | 25 | 0 | 21.52 | 21.52 | 21.39 | |
| 10 | 16QAM | 25 | 12 | 21.58 | 21.51 | 21.46 | 23 |
| 10 | 16QAM | 25 | 25 | 21.50 | 21.43 | 21.46 | |
| 10 | 16QAM | 50 | 0 | 21.54 | 21.48 | 21.40 | |
| 10 | 64QAM | 1 | 0 | 21.72 | 21.63 | 21.55 | |
| 10 | 64QAM | 1 | 25 | 21.64 | 21.57 | 21.53 | 23 |
| 10 | 64QAM | 1 | 49 | 21.49 | 21.55 | 21.59 | |
| 10 | 64QAM | 25 | 0 | 20.40 | 20.56 | 20.40 | |
| 10 | 64QAM | 25 | 12 | 20.62 | 20.45 | 20.45 | 22 |
| 10 | 64QAM | 25 | 25 | 20.58 | 20.53 | 20.51 | |
| 10 | 64QAM | 50 | 0 | 20.56 | 20.50 | 20.42 | |
| 10 | 256QAM | 1 | 0 | 18.49 | 18.39 | 18.52 | |
| 10 | 256QAM | 1 | 25 | 18.47 | 18.24 | 18.41 | 20 |
| 10 | 256QAM | 1 | 49 | 18.45 | 18.43 | 18.44 | |
| 10 | 256QAM | 25 | 0 | 18.38 | 18.40 | 18.32 | |
| 10 | 256QAM | 25 | 12 | 18.34 | 18.28 | 18.23 | 20 |
| 10 | 256QAM | 25 | 25 | 18.33 | 18.34 | 18.23 | |
| 10 | 256QAM | 50 | 0 | 18.41 | 18.28 | 18.23 | |
| Channel | | | | 133147 | 133247 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 675.5 | 695.5 | |
| 5 | QPSK | 1 | 0 | 23.41 | 23.45 | 23.31 | |
| 5 | QPSK | 1 | 12 | 23.38 | 23.41 | 23.31 | 25 |
| 5 | QPSK | 1 | 24 | 23.28 | 23.38 | 23.29 | |
| 5 | QPSK | 12 | 0 | 22.50 | 22.55 | 22.38 | |
| 5 | QPSK | 12 | 7 | 22.45 | 22.43 | 22.39 | 24 |
| 5 | QPSK | 12 | 13 | 22.50 | 22.44 | 22.46 | |
| 5 | QPSK | 25 | 0 | 22.43 | 22.44 | 22.42 | |
| 5 | 16QAM | 1 | 0 | 22.79 | 22.77 | 22.65 | |
| 5 | 16QAM | 1 | 12 | 22.70 | 22.74 | 22.67 | 24 |
| 5 | 16QAM | 1 | 24 | 22.62 | 22.69 | 22.62 | |
| 5 | 16QAM | 12 | 0 | 21.49 | 21.52 | 21.46 | |
| 5 | 16QAM | 12 | 7 | 21.54 | 21.46 | 21.40 | 23 |
| 5 | 16QAM | 12 | 13 | 21.49 | 21.48 | 21.49 | |
| 5 | 16QAM | 25 | 0 | 21.53 | 21.39 | 21.46 | |
| 5 | 64QAM | 1 | 0 | 21.73 | 21.60 | 21.58 | |
| 5 | 64QAM | 1 | 12 | 21.62 | 21.58 | 21.55 | 23 |
| 5 | 64QAM | 1 | 24 | 21.59 | 21.60 | 21.59 | |
| 5 | 64QAM | 12 | 0 | 20.46 | 20.47 | 20.43 | |
| 5 | 64QAM | 12 | 7 | 20.61 | 20.53 | 20.49 | 22 |
| 5 | 64QAM | 12 | 13 | 20.50 | 20.54 | 20.46 | |
| 5 | 64QAM | 25 | 0 | 20.59 | 20.52 | 20.47 | |
| 5 | 256QAM | 1 | 0 | 18.55 | 18.38 | 18.49 | |
| 5 | 256QAM | 1 | 12 | 18.57 | 18.23 | 18.46 | 20 |
| 5 | 256QAM | 1 | 24 | 18.42 | 18.41 | 18.48 | |
| 5 | 256QAM | 12 | 0 | 18.47 | 18.35 | 18.32 | |
| 5 | 256QAM | 12 | 7 | 18.40 | 18.32 | 18.27 | 20 |
| 5 | 256QAM | 12 | 13 | 18.30 | 18.26 | 18.20 | |
| 5 | 256QAM | 25 | 0 | 18.34 | 18.27 | 18.22 | |

## Band 38_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 24.68 | 24.63 | 24.52 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.69 | 24.64 | 24.52 | |
| 20 | QPSK | 1 | 99 | 24.68 | 24.57 | 24.48 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.70 | 23.69 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.89 | 23.72 | 23.68 | |
| 20 | QPSK | 50 | 50 | 23.87 | 23.70 | 23.66 | |
| 20 | QPSK | 100 | 0 | 23.88 | 23.71 | 23.68 | |
| 20 | 16QAM | 1 | 0 | 23.81 | 23.74 | 23.67 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.79 | 23.72 | 23.61 | |
| 20 | 16QAM | 1 | 99 | 23.81 | 23.69 | 23.61 | |
| 20 | 16QAM | 50 | 0 | 22.91 | 22.76 | 22.73 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.75 | 22.70 | |
| 20 | 16QAM | 50 | 50 | 22.90 | 22.72 | 22.69 | |
| 20 | 16QAM | 100 | 0 | 22.89 | 22.73 | 22.70 | |
| 20 | 64QAM | 1 | 0 | 23.57 | 22.41 | 22.42 | 23.7 |
| 20 | 64QAM | 1 | 49 | 23.53 | 22.46 | 22.36 | |
| 20 | 64QAM | 1 | 99 | 23.56 | 22.39 | 22.42 | |
| 20 | 64QAM | 50 | 0 | 22.62 | 21.76 | 21.73 | 22.7 |
| 20 | 64QAM | 50 | 24 | 22.65 | 21.77 | 21.70 | |
| 20 | 64QAM | 50 | 50 | 22.62 | 21.74 | 21.70 | |
| 20 | 64QAM | 100 | 0 | 22.70 | 21.74 | 21.70 | |
| 20 | 256QAM | 1 | 0 | 19.77 | 19.78 | 19.81 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.70 | 19.68 | 19.59 | |
| 20 | 256QAM | 1 | 99 | 19.73 | 19.57 | 19.54 | |
| 20 | 256QAM | 50 | 0 | 20.07 | 19.98 | 19.97 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.02 | 19.92 | 19.93 | |
| 20 | 256QAM | 50 | 50 | 20.01 | 19.83 | 19.87 | |
| 20 | 256QAM | 100 | 0 | 20.03 | 19.92 | 19.91 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.60 | 24.52 | 24.39 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.55 | 24.50 | 24.35 | |
| 15 | QPSK | 1 | 74 | 24.59 | 24.52 | 24.38 | |
| 15 | QPSK | 36 | 0 | 23.77 | 23.63 | 23.59 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.80 | 23.73 | 23.56 | |
| 15 | QPSK | 36 | 39 | 23.75 | 23.61 | 23.56 | |
| 15 | QPSK | 75 | 0 | 23.78 | 23.63 | 23.58 | |
| 15 | 16QAM | 1 | 0 | 23.78 | 23.68 | 23.58 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.63 | 23.60 | 23.43 | |
| 15 | 16QAM | 1 | 74 | 23.74 | 23.63 | 23.54 | |
| 15 | 16QAM | 36 | 0 | 22.76 | 22.64 | 22.55 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.74 | 22.68 | 22.54 | |
| 15 | 16QAM | 36 | 39 | 22.74 | 22.58 | 22.54 | |
| 15 | 16QAM | 75 | 0 | 22.79 | 22.65 | 22.60 | |
| 15 | 64QAM | 1 | 0 | 22.50 | 22.35 | 22.30 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.44 | 22.37 | 22.23 | |
| 15 | 64QAM | 1 | 74 | 22.44 | 22.29 | 22.25 | |
| 15 | 64QAM | 36 | 0 | 21.62 | 21.67 | 21.61 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.80 | 21.73 | 21.61 | |
| 15 | 64QAM | 36 | 39 | 21.81 | 21.65 | 21.58 | |
| 15 | 64QAM | 75 | 0 | 21.81 | 21.65 | 21.61 | |
| 15 | 256QAM | 1 | 0 | 19.75 | 19.70 | 19.77 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.67 | 19.58 | 19.55 | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.55 | 19.49 | |
| 15 | 256QAM | 36 | 0 | 19.98 | 19.89 | 19.89 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.95 | 19.86 | 19.91 | |
| 15 | 256QAM | 36 | 39 | 19.98 | 19.83 | 19.84 | |
| 15 | 256QAM | 75 | 0 | 19.99 | 19.91 | 19.89 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.63 | 24.51 | 24.42 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.61 | 24.55 | 24.41 | |
| 10 | QPSK | 1 | 49 | 24.67 | 24.57 | 24.42 | |
| 10 | QPSK | 25 | 0 | 23.74 | 23.59 | 23.52 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.75 | 23.69 | 23.52 | |
| 10 | QPSK | 25 | 25 | 23.74 | 23.69 | 23.51 | |
| 10 | QPSK | 50 | 0 | 23.75 | 23.61 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.81 | 23.66 | 23.52 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.72 | 23.64 | 23.51 | |
| 10 | 16QAM | 1 | 49 | 23.79 | 23.68 | 23.47 | |
| 10 | 16QAM | 25 | 0 | 22.74 | 22.59 | 22.53 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.72 | 22.58 | |
| 10 | 16QAM | 25 | 25 | 22.74 | 22.67 | 22.48 | |
| 10 | 16QAM | 50 | 0 | 22.78 | 22.62 | 22.56 | |
| 10 | 64QAM | 1 | 0 | 22.57 | 22.39 | 22.32 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.54 | 22.43 | 22.32 | |
| 10 | 64QAM | 1 | 49 | 22.50 | 22.39 | 22.30 | |
| 10 | 64QAM | 25 | 0 | 21.81 | 21.67 | 21.61 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.83 | 21.75 | 21.63 | |
| 10 | 64QAM | 25 | 25 | 21.82 | 21.76 | 21.60 | |
| 10 | 64QAM | 50 | 0 | 21.78 | 21.65 | 21.57 | |
| 10 | 256QAM | 1 | 0 | 19.69 | 19.72 | 19.78 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.65 | 19.59 | 19.56 | |
| 10 | 256QAM | 1 | 49 | 19.69 | 19.52 | 19.48 | |
| 10 | 256QAM | 25 | 0 | 19.98 | 19.89 | 19.91 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.94 | 19.83 | 19.86 | |
| 10 | 256QAM | 25 | 25 | 19.91 | 19.76 | 19.82 | |
| 10 | 256QAM | 50 | 0 | 20.01 | 19.84 | 19.88 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.58 | 24.53 | 24.37 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.54 | 24.49 | 24.35 | |
| 5 | QPSK | 1 | 24 | 24.59 | 24.52 | 24.33 | |
| 5 | QPSK | 12 | 0 | 23.68 | 23.64 | 23.48 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.72 | 23.64 | 23.50 | |
| 5 | QPSK | 12 | 13 | 23.71 | 23.66 | 23.49 | |
| 5 | QPSK | 25 | 0 | 23.72 | 23.65 | 23.45 | |
| 5 | 16QAM | 1 | 0 | 23.72 | 23.67 | 23.52 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.75 | 23.68 | 23.50 | |
| 5 | 16QAM | 1 | 24 | 23.75 | 23.68 | 23.52 | |
| 5 | 16QAM | 12 | 0 | 22.67 | 22.60 | 22.46 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.72 | 22.66 | 22.47 | |
| 5 | 16QAM | 12 | 13 | 22.67 | 22.62 | 22.45 | |
| 5 | 16QAM | 25 | 0 | 22.73 | 22.68 | 22.52 | |
| 5 | 64QAM | 1 | 0 | 22.51 | 22.42 | 22.25 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.54 | 22.44 | 22.30 | |
| 5 | 64QAM | 1 | 24 | 22.54 | 22.45 | 22.29 | |
| 5 | 64QAM | 12 | 0 | 21.76 | 21.71 | 21.53 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.77 | 21.70 | 21.55 | |
| 5 | 64QAM | 12 | 13 | 21.78 | 21.70 | 21.51 | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.70 | 21.55 | |
| 5 | 256QAM | 1 | 0 | 19.67 | 19.77 | 19.81 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.64 | 19.63 | 19.56 | |
| 5 | 256QAM | 1 | 24 | 19.72 | 19.55 | 19.49 | |
| 5 | 256QAM | 12 | 0 | 20.02 | 19.86 | 19.87 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.97 | 19.86 | 19.93 | |
| 5 | 256QAM | 12 | 13 | 19.99 | 19.80 | 19.77 | |
| 5 | 256QAM | 25 | 0 | 19.96 | 19.87 | 19.82 | |

## Band 41_Ant 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 24.69 | 24.77 | 24.75 | 24.51 | 24.30 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.74 | 24.80 | 24.64 | 24.83 | 24.68 | |
| 20 | QPSK | 1 | 99 | 24.76 | 24.82 | 24.75 | 24.41 | 24.57 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.94 | 23.83 | 23.75 | 23.65 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.90 | 23.95 | 23.83 | 23.87 | 23.77 | |
| 20 | QPSK | 50 | 50 | 23.87 | 23.97 | 23.82 | 23.75 | 23.75 | |
| 20 | QPSK | 100 | 0 | 23.88 | 23.95 | 23.83 | 23.79 | 23.69 | |
| 20 | 16QAM | 1 | 0 | 23.83 | 23.89 | 23.87 | 23.64 | 23.43 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.82 | 23.89 | 23.78 | 23.92 | 23.77 | |
| 20 | 16QAM | 1 | 99 | 23.86 | 23.95 | 23.83 | 23.48 | 23.63 | |
| 20 | 16QAM | 50 | 0 | 22.90 | 22.96 | 22.85 | 22.78 | 22.67 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.99 | 22.88 | 22.93 | 22.81 | |
| 20 | 16QAM | 50 | 50 | 22.91 | 23.00 | 22.87 | 22.80 | 22.79 | |
| 20 | 16QAM | 100 | 0 | 22.89 | 22.98 | 22.87 | 22.83 | 22.72 | |
| 20 | 64QAM | 1 | 0 | 22.54 | 22.57 | 22.50 | 22.28 | 22.12 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.56 | 22.62 | 22.51 | 22.72 | 22.52 | |
| 20 | 64QAM | 1 | 99 | 22.57 | 22.70 | 22.53 | 22.22 | 22.26 | |
| 20 | 64QAM | 50 | 0 | 21.91 | 21.97 | 21.85 | 21.78 | 21.67 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.94 | 22.01 | 21.87 | 21.92 | 21.83 | |
| 20 | 64QAM | 50 | 50 | 21.91 | 21.99 | 21.86 | 21.78 | 21.80 | |
| 20 | 64QAM | 100 | 0 | 21.90 | 21.98 | 21.87 | 21.81 | 21.72 | |
| 20 | 256QAM | 1 | 0 | 19.89 | 19.75 | 19.87 | 19.61 | 19.38 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.75 | 19.71 | 19.77 | 19.75 | 19.73 | |
| 20 | 256QAM | 1 | 99 | 19.79 | 19.81 | 19.82 | 19.26 | 19.59 | |
| 20 | 256QAM | 50 | 0 | 20.10 | 20.10 | 20.14 | 20.00 | 19.87 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.06 | 20.06 | 20.12 | 20.07 | 20.02 | |
| 20 | 256QAM | 50 | 50 | 20.07 | 20.01 | 20.09 | 19.88 | 19.98 | |
| 20 | 256QAM | 100 | 0 | 20.07 | 20.03 | 20.09 | 19.90 | 19.91 | |
| 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 | 24.62 | 24.70 | 24.65 | 24.61 | 24.39 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.63 | 24.72 | 24.60 | 24.74 | 24.63 | |
| 15 | QPSK | 1 | 74 | 24.66 | 24.81 | 24.68 | 24.53 | 24.59 | |
| 15 | QPSK | 36 | 0 | 23.70 | 23.85 | 23.75 | 23.73 | 23.63 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.83 | 23.84 | 23.76 | 23.77 | 23.71 | |
| 15 | QPSK | 36 | 39 | 23.80 | 23.87 | 23.74 | 23.77 | 23.72 | |
| 15 | QPSK | 75 | 0 | 23.79 | 23.86 | 23.77 | 23.72 | 23.66 | |
| 15 | 16QAM | 1 | 0 | 23.76 | 23.84 | 23.76 | 23.77 | 23.52 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.70 | 23.79 | 23.68 | 23.80 | 23.71 | |
| 15 | 16QAM | 1 | 74 | 23.80 | 24.00 | 23.85 | 23.67 | 23.68 | |
| 15 | 16QAM | 36 | 0 | 22.69 | 22.82 | 22.74 | 22.70 | 22.56 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.77 | 22.83 | 22.71 | 22.73 | 22.68 | |
| 15 | 16QAM | 36 | 39 | 22.77 | 22.86 | 22.71 | 22.75 | 22.67 | |
| 15 | 16QAM | 75 | 0 | 22.84 | 22.89 | 22.77 | 22.75 | 22.70 | |
| 15 | 64QAM | 1 | 0 | 22.46 | 22.54 | 22.51 | 22.43 | 22.23 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.52 | 22.58 | 22.45 | 22.66 | 22.47 | |
| 15 | 64QAM | 1 | 74 | 22.53 | 22.74 | 22.53 | 22.41 | 22.36 | |
| 15 | 64QAM | 36 | 0 | 21.75 | 21.90 | 21.79 | 21.76 | 21.64 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.83 | 21.89 | 21.76 | 21.79 | 21.78 | |
| 15 | 64QAM | 36 | 39 | 21.83 | 21.91 | 21.79 | 21.78 | 21.73 | |
| 15 | 64QAM | 75 | 0 | 21.83 | 21.90 | 21.78 | 21.74 | 21.70 | |
| 15 | 256QAM | 1 | 0 | 19.82 | 19.74 | 19.82 | 19.61 | 19.34 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.70 | 19.69 | 19.67 | 19.73 | 19.72 | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.75 | 19.78 | 19.20 | 19.56 | |
| 15 | 256QAM | 36 | 0 | 20.08 | 20.05 | 20.04 | 19.96 | 19.81 | 20.7 |
| 15 | 256QAM | 36 | 20 | 20.04 | 20.02 | 20.07 | 20.02 | 20.01 | |
| 15 | 256QAM | 36 | 39 | 19.98 | 19.95 | 20.03 | 19.80 | 19.90 | |
| 15 | 256QAM | 75 | 0 | 20.04 | 20.00 | 20.05 | 19.80 | 19.91 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 24.65 | 24.69 | 24.64 | 24.45 | 24.41 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.68 | 24.74 | 24.67 | 24.75 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.70 | 24.76 | 24.65 | 24.53 | 24.35 | |
| 10 | QPSK | 25 | 0 | 23.76 | 23.82 | 23.75 | 23.72 | 23.68 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.87 | 23.77 | 23.88 | 23.73 | |
| 10 | QPSK | 25 | 25 | 23.78 | 23.85 | 23.76 | 23.80 | 23.64 | |
| 10 | QPSK | 50 | 0 | 23.78 | 23.87 | 23.77 | 23.79 | 23.67 | |
| 10 | 16QAM | 1 | 0 | 23.80 | 23.84 | 23.79 | 23.65 | 23.56 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.80 | 23.89 | 23.74 | 23.91 | 23.74 | |
| 10 | 16QAM | 1 | 49 | 23.76 | 23.89 | 23.72 | 23.63 | 23.46 | |
| 10 | 16QAM | 25 | 0 | 22.77 | 22.84 | 22.77 | 22.77 | 22.69 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.81 | 22.89 | 22.80 | 22.94 | 22.77 | |
| 10 | 16QAM | 25 | 25 | 22.78 | 22.83 | 22.75 | 22.80 | 22.65 | |
| 10 | 16QAM | 50 | 0 | 22.81 | 22.90 | 22.79 | 22.84 | 22.70 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.51 | 22.47 | 22.35 | 22.28 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.58 | 22.67 | 22.53 | 22.76 | 22.49 | |
| 10 | 64QAM | 1 | 49 | 22.55 | 22.66 | 22.45 | 22.40 | 22.12 | |
| 10 | 64QAM | 25 | 0 | 21.83 | 21.92 | 21.82 | 21.81 | 21.74 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.88 | 21.94 | 21.80 | 21.96 | 21.82 | |
| 10 | 64QAM | 25 | 25 | 21.85 | 21.95 | 21.85 | 21.87 | 21.71 | |
| 10 | 64QAM | 50 | 0 | 21.81 | 21.87 | 21.79 | 21.83 | 21.70 | |
| 10 | 256QAM | 1 | 0 | 19.79 | 19.66 | 19.78 | 19.61 | 19.36 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.69 | 19.62 | 19.77 | 19.66 | 19.69 | |
| 10 | 256QAM | 1 | 49 | 19.78 | 19.81 | 19.80 | 19.24 | 19.54 | |
| 10 | 256QAM | 25 | 0 | 20.07 | 20.05 | 20.05 | 19.96 | 19.84 | 20.7 |
| 10 | 256QAM | 25 | 12 | 20.05 | 19.97 | 20.10 | 20.06 | 19.97 | |
| 10 | 256QAM | 25 | 25 | 19.97 | 20.01 | 20.04 | 19.88 | 19.91 | |
| 10 | 256QAM | 50 | 0 | 20.01 | 20.03 | 20.03 | 19.89 | 19.89 | |
| 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 | 24.67 | 24.69 | 24.59 | 24.70 | 24.58 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.64 | 24.71 | 24.64 | 24.74 | 24.59 | |
| 5 | QPSK | 1 | 24 | 24.62 | 24.69 | 24.61 | 24.70 | 24.54 | |
| 5 | QPSK | 12 | 0 | 23.77 | 23.80 | 23.73 | 23.78 | 23.72 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.76 | 23.87 | 23.77 | 23.83 | 23.73 | |
| 5 | QPSK | 12 | 13 | 23.76 | 23.82 | 23.74 | 23.85 | 23.70 | |
| 5 | QPSK | 25 | 0 | 23.76 | 23.83 | 23.75 | 23.78 | 23.67 | |
| 5 | 16QAM | 1 | 0 | 23.78 | 23.84 | 23.75 | 23.82 | 23.74 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.81 | 23.87 | 23.84 | 23.96 | 23.85 | |
| 5 | 16QAM | 1 | 24 | 23.83 | 23.87 | 23.80 | 23.89 | 23.71 | |
| 5 | 16QAM | 12 | 0 | 22.76 | 22.81 | 22.73 | 22.81 | 22.70 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.83 | 22.72 | 22.81 | 22.72 | |
| 5 | 16QAM | 12 | 13 | 22.76 | 22.80 | 22.74 | 22.81 | 22.68 | |
| 5 | 16QAM | 25 | 0 | 22.80 | 22.88 | 22.80 | 22.83 | 22.72 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.62 | 22.50 | 22.64 | 22.50 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.59 | 22.66 | 22.50 | 22.73 | 22.50 | |
| 5 | 64QAM | 1 | 24 | 22.59 | 22.65 | 22.52 | 22.67 | 22.44 | |
| 5 | 64QAM | 12 | 0 | 21.80 | 21.87 | 21.77 | 21.85 | 21.73 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.82 | 21.92 | 21.83 | 21.86 | 21.79 | |
| 5 | 64QAM | 12 | 13 | 21.80 | 21.89 | 21.79 | 21.89 | 21.72 | |
| 5 | 64QAM | 25 | 0 | 21.83 | 21.89 | 21.83 | 21.86 | 21.75 | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.73 | 19.81 | 19.53 | 19.33 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.75 | 19.65 | 19.69 | 19.73 | 19.73 | |
| 5 | 256QAM | 1 | 24 | 19.71 | 19.78 | 19.75 | 19.26 | 19.56 | |
| 5 | 256QAM | 12 | 0 | 20.04 | 20.09 | 20.06 | 19.99 | 19.82 | 20.7 |
| 5 | 256QAM | 12 | 7 | 20.02 | 20.03 | 20.02 | 20.00 | 20.02 | |
| 5 | 256QAM | 12 | 13 | 20.06 | 19.92 | 20.01 | 19.81 | 19.95 | |
| 5 | 256QAM | 25 | 0 | 20.05 | 19.96 | 20.02 | 19.86 | 19.89 | |

## Band 41 HPUE_Ant 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 26.30 | 26.35 | 26.33 | 26.26 | 26.05 | 27.5 |
| 20 | QPSK | 1 | 49 | 26.27 | 26.36 | 26.26 | 26.54 | 26.41 | |
| 20 | QPSK | 1 | 99 | 26.30 | 26.39 | 26.30 | 26.14 | 26.28 | |
| 20 | QPSK | 50 | 0 | 25.57 | 25.64 | 25.54 | 25.60 | 25.48 | 26.5 |
| 20 | QPSK | 50 | 24 | 25.57 | 25.67 | 25.57 | 25.77 | 25.66 | |
| 20 | QPSK | 50 | 50 | 25.57 | 25.66 | 25.54 | 25.60 | 25.63 | |
| 20 | QPSK | 100 | 0 | 25.57 | 25.66 | 25.54 | 25.63 | 25.56 | |
| 20 | 16QAM | 1 | 0 | 25.67 | 25.72 | 25.71 | 25.67 | 25.42 | 26.5 |
| 20 | 16QAM | 1 | 49 | 25.66 | 25.72 | 25.63 | 25.89 | 25.80 | |
| 20 | 16QAM | 1 | 99 | 25.64 | 25.73 | 25.63 | 25.49 | 25.63 | |
| 20 | 16QAM | 50 | 0 | 24.61 | 24.68 | 24.57 | 24.63 | 24.53 | 25.5 |
| 20 | 16QAM | 50 | 24 | 24.61 | 24.68 | 24.58 | 24.81 | 24.66 | |
| 20 | 16QAM | 50 | 50 | 24.61 | 24.70 | 24.56 | 24.65 | 24.66 | |
| 20 | 16QAM | 100 | 0 | 24.62 | 24.68 | 24.56 | 24.67 | 24.59 | |
| 20 | 64QAM | 1 | 0 | 24.48 | 24.50 | 24.49 | 24.46 | 24.28 | 25.5 |
| 20 | 64QAM | 1 | 49 | 24.51 | 24.58 | 24.45 | 24.80 | 24.64 | |
| 20 | 64QAM | 1 | 99 | 24.50 | 24.61 | 24.52 | 24.38 | 23.91 | |
| 20 | 64QAM | 50 | 0 | 23.61 | 23.68 | 23.59 | 23.65 | 23.52 | 24.5 |
| 20 | 64QAM | 50 | 24 | 23.63 | 23.70 | 23.58 | 23.77 | 23.66 | |
| 20 | 64QAM | 50 | 50 | 23.63 | 23.71 | 23.58 | 23.66 | 23.52 | |
| 20 | 64QAM | 100 | 0 | 23.62 | 23.69 | 23.57 | 23.68 | 23.59 | |
| 20 | 256QAM | 1 | 0 | 21.75 | 21.79 | 21.84 | 21.77 | 21.50 | 22.5 |
| 20 | 256QAM | 1 | 49 | 21.64 | 21.68 | 21.70 | 21.92 | 21.84 | |
| 20 | 256QAM | 1 | 99 | 21.73 | 21.77 | 21.75 | 21.49 | 21.84 | |
| 20 | 256QAM | 50 | 0 | 21.89 | 21.91 | 21.91 | 21.92 | 21.78 | 22.5 |
| 20 | 256QAM | 50 | 24 | 21.88 | 21.88 | 21.92 | 22.01 | 21.90 | |
| 20 | 256QAM | 50 | 50 | 21.81 | 21.86 | 21.85 | 21.82 | 21.86 | |
| 20 | 256QAM | 100 | 0 | 21.84 | 21.83 | 21.88 | 21.88 | 21.79 | |
| 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 | 26.33 | 26.41 | 26.38 | 26.49 | 26.25 | 27.5 |
| 15 | QPSK | 1 | 37 | 26.34 | 26.43 | 26.33 | 26.51 | 26.50 | |
| 15 | QPSK | 1 | 74 | 26.38 | 26.52 | 26.42 | 26.40 | 26.43 | |
| 15 | QPSK | 36 | 0 | 25.47 | 25.61 | 25.54 | 25.63 | 25.53 | 26.5 |
| 15 | QPSK | 36 | 20 | 25.56 | 25.63 | 25.55 | 25.68 | 25.62 | |
| 15 | QPSK | 36 | 39 | 25.56 | 25.63 | 25.52 | 25.65 | 25.61 | |
| 15 | QPSK | 75 | 0 | 25.56 | 25.63 | 25.53 | 25.63 | 25.59 | |
| 15 | 16QAM | 1 | 0 | 25.60 | 25.71 | 25.67 | 25.78 | 25.56 | 26.5 |
| 15 | 16QAM | 1 | 37 | 25.59 | 25.68 | 25.58 | 25.86 | 25.74 | |
| 15 | 16QAM | 1 | 74 | 25.66 | 25.82 | 25.71 | 25.70 | 25.68 | |
| 15 | 16QAM | 36 | 0 | 24.46 | 24.58 | 24.50 | 24.63 | 24.49 | 25.5 |
| 15 | 16QAM | 36 | 20 | 24.53 | 24.58 | 24.50 | 24.65 | 24.61 | |
| 15 | 16QAM | 36 | 39 | 24.55 | 24.62 | 24.50 | 24.66 | 24.60 | |
| 15 | 16QAM | 75 | 0 | 24.57 | 24.63 | 24.53 | 24.63 | 24.58 | |
| 15 | 64QAM | 1 | 0 | 24.41 | 24.51 | 24.49 | 24.61 | 24.39 | 25.5 |
| 15 | 64QAM | 1 | 37 | 24.51 | 24.58 | 24.48 | 24.81 | 24.51 | |
| 15 | 64QAM | 1 | 74 | 24.51 | 24.71 | 24.58 | 24.51 | 24.18 | |
| 15 | 64QAM | 36 | 0 | 23.49 | 23.62 | 23.55 | 23.65 | 23.54 | 24.5 |
| 15 | 64QAM | 36 | 20 | 23.58 | 23.66 | 23.54 | 23.70 | 23.56 | |
| 15 | 64QAM | 36 | 39 | 23.58 | 23.65 | 23.54 | 23.69 | 23.49 | |
| 15 | 64QAM | 75 | 0 | 23.58 | 23.66 | 23.55 | 23.65 | 23.58 | |
| 15 | 256QAM | 1 | 0 | 21.66 | 21.79 | 21.76 | 21.76 | 21.41 | 22.5 |
| 15 | 256QAM | 1 | 37 | 21.58 | 21.64 | 21.60 | 21.92 | 21.80 | |
| 15 | 256QAM | 1 | 74 | 21.71 | 21.71 | 21.67 | 21.46 | 21.84 | |
| 15 | 256QAM | 36 | 0 | 21.88 | 21.81 | 21.89 | 21.82 | 21.74 | 22.5 |
| 15 | 256QAM | 36 | 20 | 21.81 | 21.78 | 21.88 | 21.96 | 21.86 | |
| 15 | 256QAM | 36 | 39 | 21.75 | 21.76 | 21.85 | 21.75 | 21.86 | |
| 15 | 256QAM | 75 | 0 | 21.80 | 21.76 | 21.88 | 21.85 | 21.71 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 26.36 | 26.35 | 26.40 | 26.29 | 26.24 | 27.5 |
| 10 | QPSK | 1 | 25 | 26.33 | 26.42 | 26.32 | 26.53 | 26.40 | |
| 10 | QPSK | 1 | 49 | 26.43 | 26.51 | 26.33 | 26.40 | 26.12 | |
| 10 | QPSK | 25 | 0 | 25.55 | 25.63 | 25.54 | 25.64 | 25.59 | 26.5 |
| 10 | QPSK | 25 | 12 | 25.57 | 25.67 | 25.59 | 25.80 | 25.67 | |
| 10 | QPSK | 25 | 25 | 25.57 | 25.66 | 25.54 | 25.72 | 25.56 | |
| 10 | QPSK | 50 | 0 | 25.57 | 25.66 | 25.54 | 25.73 | 25.57 | |
| 10 | 16QAM | 1 | 0 | 25.77 | 25.77 | 25.75 | 25.66 | 25.62 | 26.5 |
| 10 | 16QAM | 1 | 25 | 25.71 | 25.80 | 25.71 | 25.92 | 25.77 | |
| 10 | 16QAM | 1 | 49 | 25.74 | 25.84 | 25.71 | 25.71 | 25.52 | |
| 10 | 16QAM | 25 | 0 | 24.54 | 24.62 | 24.58 | 24.68 | 24.64 | 25.5 |
| 10 | 16QAM | 25 | 12 | 24.59 | 24.70 | 24.61 | 24.86 | 24.71 | |
| 10 | 16QAM | 25 | 25 | 24.55 | 24.63 | 24.53 | 24.73 | 24.58 | |
| 10 | 16QAM | 50 | 0 | 24.59 | 24.70 | 24.59 | 24.75 | 24.61 | |
| 10 | 64QAM | 1 | 0 | 24.68 | 24.65 | 24.64 | 24.52 | 24.48 | 25.5 |
| 10 | 64QAM | 1 | 25 | 24.64 | 24.80 | 24.61 | 24.80 | 24.52 | |
| 10 | 64QAM | 1 | 49 | 24.65 | 24.75 | 24.62 | 24.60 | 24.21 | |
| 10 | 64QAM | 25 | 0 | 23.65 | 23.70 | 23.64 | 23.72 | 23.63 | 24.5 |
| 10 | 64QAM | 25 | 12 | 23.67 | 23.75 | 23.67 | 23.91 | 23.59 | |
| 10 | 64QAM | 25 | 25 | 23.63 | 23.73 | 23.62 | 23.79 | 23.48 | |
| 10 | 64QAM | 50 | 0 | 23.59 | 23.66 | 23.61 | 23.77 | 23.48 | |
| 10 | 256QAM | 1 | 0 | 21.68 | 21.71 | 21.77 | 21.67 | 21.44 | 22.5 |
| 10 | 256QAM | 1 | 25 | 21.64 | 21.60 | 21.70 | 21.89 | 21.83 | |
| 10 | 256QAM | 1 | 49 | 21.65 | 21.75 | 21.66 | 21.47 | 21.78 | |
| 10 | 256QAM | 25 | 0 | 21.88 | 21.81 | 21.90 | 21.89 | 21.73 | 22.5 |
| 10 | 256QAM | 25 | 12 | 21.80 | 21.86 | 21.90 | 21.94 | 21.87 | |
| 10 | 256QAM | 25 | 25 | 21.76 | 21.78 | 21.76 | 21.72 | 21.78 | |
| 10 | 256QAM | 50 | 0 | 21.82 | 21.83 | 21.80 | 21.85 | 21.73 | |
| 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 | 26.38 | 26.43 | 26.36 | 26.53 | 26.46 | 27.5 |
| 5 | QPSK | 1 | 12 | 26.38 | 26.46 | 26.40 | 26.52 | 26.46 | |
| 5 | QPSK | 1 | 24 | 26.40 | 26.43 | 26.34 | 26.51 | 26.38 | |
| 5 | QPSK | 12 | 0 | 25.55 | 25.62 | 25.54 | 25.72 | 25.61 | 26.5 |
| 5 | QPSK | 12 | 7 | 25.61 | 25.64 | 25.56 | 25.75 | 25.67 | |
| 5 | QPSK | 12 | 13 | 25.57 | 25.64 | 25.55 | 25.76 | 25.64 | |
| 5 | QPSK | 25 | 0 | 25.52 | 25.61 | 25.54 | 25.69 | 25.59 | |
| 5 | 16QAM | 1 | 0 | 25.76 | 25.78 | 25.72 | 25.84 | 25.78 | 26.5 |
| 5 | 16QAM | 1 | 12 | 25.70 | 25.80 | 25.73 | 25.91 | 25.74 | |
| 5 | 16QAM | 1 | 24 | 25.72 | 25.81 | 25.76 | 25.90 | 25.73 | |
| 5 | 16QAM | 12 | 0 | 24.59 | 24.64 | 24.58 | 24.76 | 24.65 | 25.5 |
| 5 | 16QAM | 12 | 7 | 24.62 | 24.69 | 24.64 | 24.76 | 24.72 | |
| 5 | 16QAM | 12 | 13 | 24.58 | 24.67 | 24.60 | 24.80 | 24.64 | |
| 5 | 16QAM | 25 | 0 | 24.60 | 24.65 | 24.60 | 24.76 | 24.68 | |
| 5 | 64QAM | 1 | 0 | 24.61 | 24.66 | 24.60 | 24.75 | 24.57 | 25.5 |
| 5 | 64QAM | 1 | 12 | 24.60 | 24.69 | 24.61 | 24.84 | 24.52 | |
| 5 | 64QAM | 1 | 24 | 24.63 | 24.71 | 24.65 | 24.82 | 24.44 | |
| 5 | 64QAM | 12 | 0 | 23.60 | 23.65 | 23.57 | 23.78 | 23.59 | 24.5 |
| 5 | 64QAM | 12 | 7 | 23.65 | 23.73 | 23.65 | 23.82 | 23.58 | |
| 5 | 64QAM | 12 | 13 | 23.59 | 23.70 | 23.59 | 23.83 | 23.53 | |
| 5 | 64QAM | 25 | 0 | 23.60 | 23.70 | 23.63 | 23.81 | 23.53 | |
| 5 | 256QAM | 1 | 0 | 21.74 | 21.71 | 21.78 | 21.74 | 21.45 | 22.5 |
| 5 | 256QAM | 1 | 12 | 21.59 | 21.58 | 21.66 | 21.91 | 21.77 | |
| 5 | 256QAM | 1 | 24 | 21.68 | 21.67 | 21.67 | 21.49 | 21.77 | |
| 5 | 256QAM | 12 | 0 | 21.81 | 21.90 | 21.81 | 21.89 | 21.71 | 22.5 |
| 5 | 256QAM | 12 | 7 | 21.88 | 21.79 | 21.85 | 21.91 | 21.83 | |
| 5 | 256QAM | 12 | 13 | 21.71 | 21.78 | 21.75 | 21.75 | 21.82 | |
| 5 | 256QAM | 25 | 0 | 21.74 | 21.77 | 21.79 | 21.83 | 21.79 | |

## Band 48_Ant 7

| 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 | 24.12 | 24.37 | 24.52 | 24.44 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.04 | 24.21 | 24.31 | 24.22 | |
| 20 | QPSK | 1 | 99 | 24.05 | 24.23 | 24.24 | 24.14 | |
| 20 | QPSK | 50 | 0 | 23.22 | 23.42 | 23.53 | 23.47 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.19 | 23.40 | 23.48 | 23.42 | |
| 20 | QPSK | 50 | 50 | 23.13 | 23.33 | 23.34 | 23.24 | |
| 20 | QPSK | 100 | 0 | 23.17 | 23.37 | 23.48 | 23.40 | |
| 20 | 16QAM | 1 | 0 | 23.25 | 23.46 | 23.65 | 23.57 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.11 | 23.29 | 23.41 | 23.31 | |
| 20 | 16QAM | 1 | 99 | 23.13 | 23.33 | 23.37 | 23.28 | |
| 20 | 16QAM | 50 | 0 | 22.24 | 22.44 | 22.57 | 22.50 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.21 | 22.42 | 22.53 | 22.44 | |
| 20 | 16QAM | 50 | 50 | 22.16 | 22.37 | 22.37 | 22.27 | |
| 20 | 16QAM | 100 | 0 | 22.18 | 22.41 | 22.49 | 22.40 | |
| 20 | 64QAM | 1 | 0 | 21.89 | 22.14 | 22.35 | 22.28 | 23.7 |
| 20 | 64QAM | 1 | 49 | 21.85 | 22.07 | 22.17 | 22.06 | |
| 20 | 64QAM | 1 | 99 | 21.92 | 22.08 | 22.07 | 21.95 | |
| 20 | 64QAM | 50 | 0 | 21.26 | 21.47 | 21.57 | 21.50 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.22 | 21.44 | 21.52 | 21.42 | |
| 20 | 64QAM | 50 | 50 | 21.16 | 21.38 | 21.38 | 21.29 | |
| 20 | 64QAM | 100 | 0 | 21.18 | 21.40 | 21.50 | 21.42 | |
| 20 | 256QAM | 1 | 0 | 19.23 | 19.31 | 19.59 | 19.41 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.18 | 19.33 | 19.49 | 19.30 | |
| 20 | 256QAM | 1 | 99 | 19.30 | 19.51 | 19.56 | 19.37 | |
| 20 | 256QAM | 50 | 0 | 19.52 | 19.64 | 19.80 | 19.64 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.52 | 19.69 | 19.84 | 19.63 | |
| 20 | 256QAM | 50 | 50 | 19.54 | 19.69 | 19.77 | 19.61 | |
| 20 | 256QAM | 100 | 0 | 19.47 | 19.64 | 19.77 | 19.63 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 24.05 | 24.28 | 24.40 | 24.34 | 25.7 |
| 15 | QPSK | 1 | 37 | 23.97 | 24.19 | 24.30 | 24.20 | |
| 15 | QPSK | 1 | 74 | 23.99 | 24.21 | 24.29 | 24.17 | |
| 15 | QPSK | 36 | 0 | 23.18 | 23.39 | 23.50 | 23.44 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.12 | 23.36 | 23.46 | 23.36 | |
| 15 | QPSK | 36 | 39 | 23.09 | 23.32 | 23.34 | 23.31 | |
| 15 | QPSK | 75 | 0 | 23.13 | 23.37 | 23.49 | 23.40 | |
| 15 | 16QAM | 1 | 0 | 23.20 | 23.43 | 23.55 | 23.48 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.02 | 23.23 | 23.35 | 23.26 | |
| 15 | 16QAM | 1 | 74 | 23.20 | 23.39 | 23.45 | 23.31 | |
| 15 | 16QAM | 36 | 0 | 22.14 | 22.37 | 22.48 | 22.37 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.32 | 22.42 | 22.33 | |
| 15 | 16QAM | 36 | 39 | 22.07 | 22.29 | 22.30 | 22.29 | |
| 15 | 16QAM | 75 | 0 | 22.18 | 22.38 | 22.47 | 22.38 | |
| 15 | 64QAM | 1 | 0 | 21.92 | 22.08 | 22.26 | 22.21 | 23.7 |
| 15 | 64QAM | 1 | 37 | 21.83 | 22.04 | 22.15 | 22.06 | |
| 15 | 64QAM | 1 | 74 | 21.89 | 22.13 | 22.14 | 22.01 | |
| 15 | 64QAM | 36 | 0 | 21.21 | 21.41 | 21.53 | 21.46 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.16 | 21.40 | 21.49 | 21.37 | |
| 15 | 64QAM | 36 | 39 | 21.12 | 21.35 | 21.36 | 21.33 | |
| 15 | 64QAM | 75 | 0 | 21.18 | 21.41 | 21.49 | 21.39 | |
| 15 | 256QAM | 1 | 0 | 19.17 | 19.24 | 19.56 | 19.33 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.09 | 19.24 | 19.41 | 19.25 | |
| 15 | 256QAM | 1 | 74 | 19.24 | 19.49 | 19.56 | 19.30 | |
| 15 | 256QAM | 36 | 0 | 19.47 | 19.58 | 19.71 | 19.63 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.52 | 19.64 | 19.76 | 19.60 | |
| 15 | 256QAM | 36 | 39 | 19.52 | 19.60 | 19.77 | 19.51 | |
| 15 | 256QAM | 75 | 0 | 19.46 | 19.56 | 19.72 | 19.58 | |
| Channel | | | | 55290 | 55815 | 56160 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 23.95 | 24.26 | 24.38 | 24.30 | 25.7 |
| 10 | QPSK | 1 | 25 | 23.89 | 24.10 | 24.28 | 24.16 | |
| 10 | QPSK | 1 | 49 | 23.93 | 24.20 | 24.19 | 24.15 | |
| 10 | QPSK | 25 | 0 | 23.13 | 23.31 | 23.40 | 23.37 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.10 | 23.35 | 23.44 | 23.27 | |
| 10 | QPSK | 25 | 25 | 23.00 | 23.26 | 23.33 | 23.25 | |
| 10 | QPSK | 50 | 0 | 23.06 | 23.32 | 23.45 | 23.31 | |
| 10 | 16QAM | 1 | 0 | 23.18 | 23.37 | 23.52 | 23.40 | 24.7 |
| 10 | 16QAM | 1 | 25 | 22.94 | 23.18 | 23.31 | 23.22 | |
| 10 | 16QAM | 1 | 49 | 23.15 | 23.34 | 23.37 | 23.22 | |
| 10 | 16QAM | 25 | 0 | 22.09 | 22.30 | 22.45 | 22.32 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.09 | 22.25 | 22.37 | 22.32 | |
| 10 | 16QAM | 25 | 25 | 22.04 | 22.25 | 22.27 | 22.19 | |
| 10 | 16QAM | 50 | 0 | 22.08 | 22.31 | 22.39 | 22.38 | |
| 10 | 64QAM | 1 | 0 | 21.83 | 22.06 | 22.18 | 22.13 | 23.7 |
| 10 | 64QAM | 1 | 25 | 21.76 | 21.99 | 22.13 | 21.96 | |
| 10 | 64QAM | 1 | 49 | 21.83 | 22.09 | 22.10 | 21.97 | |
| 10 | 64QAM | 25 | 0 | 21.14 | 21.41 | 21.48 | 21.41 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.33 | 21.42 | 21.35 | |
| 10 | 64QAM | 25 | 25 | 21.12 | 21.34 | 21.30 | 21.25 | |
| 10 | 64QAM | 50 | 0 | 21.14 | 21.36 | 21.44 | 21.31 | |
| 10 | 256QAM | 1 | 0 | 19.21 | 19.26 | 19.56 | 19.34 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.13 | 19.32 | 19.43 | 19.29 | |
| 10 | 256QAM | 1 | 49 | 19.21 | 19.51 | 19.53 | 19.35 | |
| 10 | 256QAM | 25 | 0 | 19.52 | 19.59 | 19.74 | 19.63 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.51 | 19.69 | 19.77 | 19.53 | |
| 10 | 256QAM | 25 | 25 | 19.46 | 19.68 | 19.76 | 19.58 | |
| 10 | 256QAM | 50 | 0 | 19.39 | 19.56 | 19.74 | 19.62 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 24.05 | 24.18 | 24.33 | 24.31 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.94 | 24.16 | 24.22 | 24.18 | |
| 5 | QPSK | 1 | 24 | 23.93 | 24.14 | 24.25 | 24.10 | |
| 5 | QPSK | 12 | 0 | 23.09 | 23.35 | 23.45 | 23.43 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.04 | 23.28 | 23.38 | 23.28 | |
| 5 | QPSK | 12 | 13 | 23.07 | 23.31 | 23.33 | 23.22 | |
| 5 | QPSK | 25 | 0 | 23.12 | 23.33 | 23.41 | 23.38 | |
| 5 | 16QAM | 1 | 0 | 23.18 | 23.35 | 23.54 | 23.40 | 24.7 |
| 5 | 16QAM | 1 | 12 | 22.96 | 23.22 | 23.30 | 23.18 | |
| 5 | 16QAM | 1 | 24 | 23.13 | 23.30 | 23.39 | 23.29 | |
| 5 | 16QAM | 12 | 0 | 22.08 | 22.27 | 22.40 | 22.32 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.06 | 22.32 | 22.42 | 22.25 | |
| 5 | 16QAM | 12 | 13 | 21.98 | 22.26 | 22.24 | 22.20 | |
| 5 | 16QAM | 25 | 0 | 22.18 | 22.38 | 22.38 | 22.28 | |
| 5 | 64QAM | 1 | 0 | 21.91 | 22.01 | 22.17 | 22.12 | 23.7 |
| 5 | 64QAM | 1 | 12 | 21.74 | 22.01 | 22.05 | 22.06 | |
| 5 | 64QAM | 1 | 24 | 21.80 | 22.13 | 22.08 | 21.91 | |
| 5 | 64QAM | 12 | 0 | 21.15 | 21.31 | 21.46 | 21.41 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.07 | 21.35 | 21.49 | 21.31 | |
| 5 | 64QAM | 12 | 13 | 21.12 | 21.34 | 21.29 | 21.28 | |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.40 | 21.49 | 21.33 | |
| 5 | 256QAM | 1 | 0 | 19.14 | 19.26 | 19.52 | 19.34 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.15 | 19.32 | 19.49 | 19.29 | |
| 5 | 256QAM | 1 | 24 | 19.25 | 19.45 | 19.56 | 19.27 | |
| 5 | 256QAM | 12 | 0 | 19.52 | 19.55 | 19.75 | 19.55 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.52 | 19.69 | 19.77 | 19.62 | |
| 5 | 256QAM | 12 | 13 | 19.45 | 19.62 | 19.70 | 19.59 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.61 | 19.68 | 19.61 | |

## Band 38_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 23.42 | 23.33 | 23.25 | 25.2 |
| 20 | QPSK | 1 | 49 | 23.42 | 23.35 | 23.27 | |
| 20 | QPSK | 1 | 99 | 23.40 | 23.28 | 23.29 | |
| 20 | QPSK | 50 | 0 | 22.59 | 22.42 | 22.40 | 24.2 |
| 20 | QPSK | 50 | 24 | 22.55 | 22.42 | 22.42 | |
| 20 | QPSK | 50 | 50 | 22.55 | 22.42 | 22.40 | |
| 20 | QPSK | 100 | 0 | 22.56 | 22.41 | 22.42 | |
| 20 | 16QAM | 1 | 0 | 22.57 | 22.48 | 22.40 | 24.2 |
| 20 | 16QAM | 1 | 49 | 22.52 | 22.48 | 22.37 | |
| 20 | 16QAM | 1 | 99 | 22.57 | 22.47 | 22.44 | |
| 20 | 16QAM | 50 | 0 | 21.62 | 21.45 | 21.44 | 23.2 |
| 20 | 16QAM | 50 | 24 | 21.59 | 21.44 | 21.44 | |
| 20 | 16QAM | 50 | 50 | 21.59 | 21.44 | 21.45 | |
| 20 | 16QAM | 100 | 0 | 21.59 | 21.44 | 21.44 | |
| 20 | 64QAM | 1 | 0 | 21.28 | 21.22 | 21.22 | 23.2 |
| 20 | 64QAM | 1 | 49 | 21.33 | 21.26 | 21.15 | |
| 20 | 64QAM | 1 | 99 | 21.37 | 21.23 | 21.19 | |
| 20 | 64QAM | 50 | 0 | 20.62 | 20.46 | 20.44 | 22.2 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.47 | 20.45 | |
| 20 | 64QAM | 50 | 50 | 20.59 | 20.45 | 20.44 | |
| 20 | 64QAM | 100 | 0 | 20.60 | 20.42 | 20.44 | |
| 20 | 256QAM | 1 | 0 | 18.46 | 18.38 | 18.36 | 20.2 |
| 20 | 256QAM | 1 | 49 | 18.35 | 18.26 | 18.27 | |
| 20 | 256QAM | 1 | 99 | 18.34 | 18.15 | 18.14 | |
| 20 | 256QAM | 50 | 0 | 18.71 | 18.52 | 18.50 | 20.2 |
| 20 | 256QAM | 50 | 24 | 18.68 | 18.51 | 18.45 | |
| 20 | 256QAM | 50 | 50 | 18.63 | 18.39 | 18.33 | |
| 20 | 256QAM | 100 | 0 | 18.62 | 18.47 | 18.46 | |
| Channel | | | | 37925 | 38000 | 38075 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 23.38 | 23.28 | 23.21 | 25.2 |
| 15 | QPSK | 1 | 37 | 23.40 | 23.26 | 23.22 | |
| 15 | QPSK | 1 | 74 | 23.34 | 23.23 | 23.27 | |
| 15 | QPSK | 36 | 0 | 22.56 | 22.34 | 22.34 | 24.2 |
| 15 | QPSK | 36 | 20 | 22.55 | 22.39 | 22.39 | |
| 15 | QPSK | 36 | 39 | 22.46 | 22.42 | 22.30 | |
| 15 | QPSK | 75 | 0 | 22.49 | 22.31 | 22.40 | |
| 15 | 16QAM | 1 | 0 | 22.47 | 22.45 | 22.34 | 24.2 |
| 15 | 16QAM | 1 | 37 | 22.42 | 22.39 | 22.28 | |
| 15 | 16QAM | 1 | 74 | 22.54 | 22.39 | 22.37 | |
| 15 | 16QAM | 36 | 0 | 21.59 | 21.41 | 21.44 | 23.2 |
| 15 | 16QAM | 36 | 20 | 21.49 | 21.37 | 21.41 | |
| 15 | 16QAM | 36 | 39 | 21.58 | 21.37 | 21.39 | |
| 15 | 16QAM | 75 | 0 | 21.51 | 21.44 | 21.38 | |
| 15 | 64QAM | 1 | 0 | 21.26 | 21.23 | 21.21 | 23.2 |
| 15 | 64QAM | 1 | 37 | 21.31 | 21.23 | 21.22 | |
| 15 | 64QAM | 1 | 74 | 21.32 | 21.23 | 21.23 | |
| 15 | 64QAM | 36 | 0 | 20.57 | 20.44 | 20.40 | 22.2 |
| 15 | 64QAM | 36 | 20 | 20.61 | 20.43 | 20.37 | |
| 15 | 64QAM | 36 | 39 | 20.50 | 20.45 | 20.37 | |
| 15 | 64QAM | 75 | 0 | 20.54 | 20.37 | 20.39 | |
| 15 | 256QAM | 1 | 0 | 18.39 | 18.31 | 18.30 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.31 | 18.26 | 18.25 | |
| 15 | 256QAM | 1 | 74 | 18.32 | 18.23 | 18.23 | |
| 15 | 256QAM | 36 | 0 | 18.61 | 18.45 | 18.46 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.63 | 18.47 | 18.35 | |
| 15 | 256QAM | 36 | 39 | 18.53 | 18.38 | 18.31 | |
| 15 | 256QAM | 75 | 0 | 18.61 | 18.47 | 18.38 | |
| Channel | | | | 37900 | 38000 | 38100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 23.38 | 23.27 | 23.21 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.34 | 23.34 | 23.27 | |
| 10 | QPSK | 1 | 49 | 23.31 | 23.28 | 23.24 | |
| 10 | QPSK | 25 | 0 | 22.55 | 22.41 | 22.36 | 24.2 |
| 10 | QPSK | 25 | 12 | 22.53 | 22.36 | 22.33 | |
| 10 | QPSK | 25 | 25 | 22.53 | 22.38 | 22.35 | |
| 10 | QPSK | 50 | 0 | 22.51 | 22.38 | 22.36 | |
| 10 | 16QAM | 1 | 0 | 22.47 | 22.38 | 22.31 | 24.2 |
| 10 | 16QAM | 1 | 25 | 22.44 | 22.39 | 22.37 | |
| 10 | 16QAM | 1 | 49 | 22.54 | 22.46 | 22.34 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.43 | 21.42 | 23.2 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.35 | 21.34 | |
| 10 | 16QAM | 25 | 25 | 21.53 | 21.44 | 21.44 | |
| 10 | 16QAM | 50 | 0 | 21.52 | 21.40 | 21.42 | |
| 10 | 64QAM | 1 | 0 | 21.27 | 21.22 | 21.22 | 23.2 |
| 10 | 64QAM | 1 | 25 | 21.27 | 21.22 | 21.22 | |
| 10 | 64QAM | 1 | 49 | 21.33 | 21.21 | 21.23 | |
| 10 | 64QAM | 25 | 0 | 20.62 | 20.41 | 20.35 | 22.2 |
| 10 | 64QAM | 25 | 12 | 20.58 | 20.44 | 20.35 | |
| 10 | 64QAM | 25 | 25 | 20.55 | 20.42 | 20.38 | |
| 10 | 64QAM | 50 | 0 | 20.55 | 20.36 | 20.37 | |
| 10 | 256QAM | 1 | 0 | 18.39 | 18.31 | 18.32 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.28 | 18.24 | 18.21 | |
| 10 | 256QAM | 1 | 49 | 18.31 | 18.24 | 18.22 | |
| 10 | 256QAM | 25 | 0 | 18.64 | 18.42 | 18.46 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.64 | 18.43 | 18.35 | |
| 10 | 256QAM | 25 | 25 | 18.56 | 18.30 | 18.24 | |
| 10 | 256QAM | 50 | 0 | 18.58 | 18.41 | 18.45 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 23.39 | 23.24 | 23.25 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.41 | 23.28 | 23.20 | |
| 5 | QPSK | 1 | 24 | 23.32 | 23.21 | 23.21 | |
| 5 | QPSK | 12 | 0 | 22.56 | 22.34 | 22.31 | 24.2 |
| 5 | QPSK | 12 | 7 | 22.48 | 22.36 | 22.35 | |
| 5 | QPSK | 12 | 13 | 22.55 | 22.32 | 22.36 | |
| 5 | QPSK | 25 | 0 | 22.53 | 22.41 | 22.37 | |
| 5 | 16QAM | 1 | 0 | 22.47 | 22.42 | 22.38 | 24.2 |
| 5 | 16QAM | 1 | 12 | 22.44 | 22.44 | 22.28 | |
| 5 | 16QAM | 1 | 24 | 22.54 | 22.42 | 22.39 | |
| 5 | 16QAM | 12 | 0 | 21.54 | 21.43 | 21.37 | 23.2 |
| 5 | 16QAM | 12 | 7 | 21.59 | 21.36 | 21.44 | |
| 5 | 16QAM | 12 | 13 | 21.59 | 21.43 | 21.36 | |
| 5 | 16QAM | 25 | 0 | 21.59 | 21.40 | 21.34 | |
| 5 | 64QAM | 1 | 0 | 21.20 | 21.25 | 21.22 | 23.2 |
| 5 | 64QAM | 1 | 12 | 21.31 | 21.23 | 21.23 | |
| 5 | 64QAM | 1 | 24 | 21.30 | 21.23 | 21.21 | |
| 5 | 64QAM | 12 | 0 | 20.54 | 20.39 | 20.38 | 22.2 |
| 5 | 64QAM | 12 | 7 | 20.56 | 20.37 | 20.35 | |
| 5 | 64QAM | 12 | 13 | 20.53 | 20.45 | 20.38 | |
| 5 | 64QAM | 25 | 0 | 20.60 | 20.35 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 18.45 | 18.37 | 18.34 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.28 | 18.24 | 18.27 | |
| 5 | 256QAM | 1 | 24 | 18.28 | 18.20 | 18.22 | |
| 5 | 256QAM | 12 | 0 | 18.63 | 18.51 | 18.40 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.63 | 18.42 | 18.42 | |
| 5 | 256QAM | 12 | 13 | 18.56 | 18.39 | 18.27 | |
| 5 | 256QAM | 25 | 0 | 18.52 | 18.39 | 18.45 | |

## Band 41_Ant 0

| 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 23.93 | 23.99 | 23.83 | 23.74 | 23.72 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.99 | 24.01 | 23.84 | 24.09 | 24.02 | |
| 20 | QPSK | 1 | 99 | 23.98 | 23.99 | 23.83 | 23.76 | 23.94 | |
| 20 | QPSK | 50 | 0 | 23.16 | 23.19 | 22.95 | 22.97 | 22.98 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.18 | 23.19 | 22.94 | 23.12 | 23.13 | |
| 20 | QPSK | 50 | 50 | 23.14 | 23.18 | 22.93 | 23.03 | 23.11 | |
| 20 | QPSK | 100 | 0 | 23.15 | 23.19 | 22.95 | 23.03 | 23.05 | |
| 20 | 16QAM | 1 | 0 | 23.11 | 23.13 | 22.97 | 22.85 | 22.72 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.10 | 23.11 | 22.89 | 23.15 | 23.13 | |
| 20 | 16QAM | 1 | 99 | 23.11 | 23.12 | 22.96 | 22.68 | 23.03 | |
| 20 | 16QAM | 50 | 0 | 22.19 | 22.21 | 21.97 | 22.01 | 22.01 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.20 | 22.21 | 21.99 | 22.17 | 22.16 | |
| 20 | 16QAM | 50 | 50 | 22.18 | 22.19 | 21.97 | 22.05 | 22.15 | |
| 20 | 16QAM | 100 | 0 | 22.15 | 22.21 | 21.94 | 22.04 | 22.06 | |
| 20 | 64QAM | 1 | 0 | 21.80 | 21.84 | 21.59 | 21.52 | 21.42 | 23.5 |
| 20 | 64QAM | 1 | 49 | 21.85 | 21.84 | 21.68 | 21.92 | 21.96 | |
| 20 | 64QAM | 1 | 99 | 21.87 | 21.91 | 21.72 | 21.37 | 21.78 | |
| 20 | 64QAM | 50 | 0 | 21.19 | 21.21 | 20.98 | 21.02 | 21.00 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.19 | 21.24 | 21.00 | 21.17 | 21.17 | |
| 20 | 64QAM | 50 | 50 | 21.19 | 21.21 | 20.97 | 21.05 | 21.14 | |
| 20 | 64QAM | 100 | 0 | 21.18 | 21.23 | 20.98 | 21.07 | 21.07 | |
| 20 | 256QAM | 1 | 0 | 19.03 | 18.94 | 18.92 | 18.70 | 18.59 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.93 | 18.86 | 18.74 | 18.92 | 18.95 | |
| 20 | 256QAM | 1 | 99 | 18.99 | 18.94 | 18.74 | 18.49 | 18.83 | |
| 20 | 256QAM | 50 | 0 | 19.31 | 19.20 | 19.11 | 19.15 | 19.11 | 20.5 |
| 20 | 256QAM | 50 | 24 | 19.25 | 19.21 | 19.09 | 19.29 | 19.25 | |
| 20 | 256QAM | 50 | 50 | 19.22 | 19.18 | 19.02 | 19.08 | 19.16 | |
| 20 | 256QAM | 100 | 0 | 19.20 | 19.15 | 19.02 | 19.09 | 19.12 | |
| 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 | 23.91 | 23.98 | 23.77 | 23.85 | 23.76 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.88 | 23.95 | 23.78 | 24.02 | 23.94 | |
| 15 | QPSK | 1 | 74 | 23.94 | 24.07 | 23.82 | 23.83 | 23.97 | |
| 15 | QPSK | 36 | 0 | 23.04 | 23.15 | 22.93 | 23.00 | 23.00 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.12 | 23.15 | 22.90 | 23.06 | 23.12 | |
| 15 | QPSK | 36 | 39 | 23.11 | 23.16 | 22.90 | 23.07 | 23.10 | |
| 15 | QPSK | 75 | 0 | 23.10 | 23.15 | 22.91 | 23.00 | 23.06 | |
| 15 | 16QAM | 1 | 0 | 23.09 | 23.15 | 22.93 | 23.06 | 22.86 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.03 | 23.03 | 22.83 | 23.14 | 23.10 | |
| 15 | 16QAM | 1 | 74 | 23.14 | 23.25 | 23.01 | 22.92 | 23.11 | |
| 15 | 16QAM | 36 | 0 | 22.01 | 22.13 | 21.90 | 21.98 | 21.99 | 23.5 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.14 | 21.89 | 22.03 | 22.07 | |
| 15 | 16QAM | 36 | 39 | 22.09 | 22.11 | 21.87 | 22.04 | 22.07 | |
| 15 | 16QAM | 75 | 0 | 22.13 | 22.17 | 21.95 | 22.04 | 22.07 | |
| 15 | 64QAM | 1 | 0 | 21.72 | 21.84 | 21.65 | 21.74 | 21.57 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.85 | 21.84 | 21.64 | 21.93 | 21.89 | |
| 15 | 64QAM | 1 | 74 | 21.89 | 21.95 | 21.78 | 21.58 | 21.89 | |
| 15 | 64QAM | 36 | 0 | 21.06 | 21.20 | 20.95 | 21.03 | 21.03 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.15 | 21.16 | 20.95 | 21.09 | 21.14 | |
| 15 | 64QAM | 36 | 39 | 21.16 | 21.19 | 20.95 | 21.09 | 21.14 | |
| 15 | 64QAM | 75 | 0 | 21.16 | 21.19 | 20.95 | 21.02 | 21.08 | |
| 15 | 256QAM | 1 | 0 | 19.01 | 18.88 | 18.90 | 18.60 | 18.57 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.84 | 18.84 | 18.70 | 18.84 | 18.91 | |
| 15 | 256QAM | 1 | 74 | 18.94 | 18.93 | 18.69 | 18.45 | 18.74 | |
| 15 | 256QAM | 36 | 0 | 19.26 | 19.13 | 19.05 | 19.07 | 19.01 | 20.5 |
| 15 | 256QAM | 36 | 20 | 19.23 | 19.13 | 19.07 | 19.29 | 19.21 | |
| 15 | 256QAM | 36 | 39 | 19.20 | 19.11 | 18.94 | 19.03 | 19.07 | |
| 15 | 256QAM | 75 | 0 | 19.17 | 19.06 | 18.97 | 18.99 | 19.12 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 23.91 | 23.94 | 23.70 | 23.83 | 23.72 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.81 | 23.85 | 23.70 | 24.02 | 23.87 | |
| 10 | QPSK | 1 | 49 | 23.94 | 23.98 | 23.81 | 23.77 | 23.95 | |
| 10 | QPSK | 25 | 0 | 23.03 | 23.10 | 22.90 | 22.95 | 22.91 | 24.5 |
| 10 | QPSK | 25 | 12 | 23.03 | 23.13 | 22.80 | 23.06 | 23.09 | |
| 10 | QPSK | 25 | 25 | 23.06 | 23.07 | 22.82 | 23.00 | 23.00 | |
| 10 | QPSK | 50 | 0 | 23.05 | 23.12 | 22.84 | 22.93 | 22.99 | |
| 10 | 16QAM | 1 | 0 | 23.00 | 23.05 | 22.90 | 23.03 | 22.82 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.97 | 22.93 | 22.80 | 23.05 | 23.02 | |
| 10 | 16QAM | 1 | 49 | 23.10 | 23.20 | 23.00 | 22.91 | 23.09 | |
| 10 | 16QAM | 25 | 0 | 21.94 | 22.07 | 21.86 | 21.93 | 21.96 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.00 | 22.14 | 21.85 | 22.02 | 22.00 | |
| 10 | 16QAM | 25 | 25 | 22.07 | 22.02 | 21.80 | 21.96 | 22.05 | |
| 10 | 16QAM | 50 | 0 | 22.08 | 22.08 | 21.93 | 21.99 | 22.05 | |
| 10 | 64QAM | 1 | 0 | 21.70 | 21.79 | 21.65 | 21.66 | 21.51 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.77 | 21.80 | 21.60 | 21.86 | 21.79 | |
| 10 | 64QAM | 1 | 49 | 21.80 | 21.86 | 21.73 | 21.56 | 21.85 | |
| 10 | 64QAM | 25 | 0 | 21.00 | 21.20 | 20.87 | 20.96 | 20.97 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.07 | 21.11 | 20.91 | 20.99 | 21.07 | |
| 10 | 64QAM | 25 | 25 | 21.09 | 21.12 | 20.92 | 21.07 | 21.07 | |
| 10 | 64QAM | 50 | 0 | 21.14 | 21.17 | 20.88 | 20.99 | 21.04 | |
| 10 | 256QAM | 1 | 0 | 18.98 | 18.87 | 18.90 | 18.70 | 18.58 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.89 | 18.83 | 18.69 | 18.90 | 18.87 | |
| 10 | 256QAM | 1 | 49 | 18.96 | 18.91 | 18.73 | 18.40 | 18.80 | |
| 10 | 256QAM | 25 | 0 | 19.25 | 19.13 | 19.07 | 19.05 | 19.06 | 20.5 |
| 10 | 256QAM | 25 | 12 | 19.21 | 19.12 | 19.07 | 19.27 | 19.24 | |
| 10 | 256QAM | 25 | 25 | 19.17 | 19.15 | 18.95 | 19.08 | 19.09 | |
| 10 | 256QAM | 50 | 0 | 19.18 | 19.05 | 19.01 | 19.01 | 19.03 | |
| 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 | 23.84 | 23.94 | 23.73 | 23.81 | 23.72 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.80 | 23.91 | 23.75 | 23.92 | 23.85 | |
| 5 | QPSK | 1 | 24 | 23.87 | 23.99 | 23.80 | 23.79 | 23.92 | |
| 5 | QPSK | 12 | 0 | 23.01 | 23.09 | 22.89 | 22.94 | 22.93 | 24.5 |
| 5 | QPSK | 12 | 7 | 23.12 | 23.15 | 22.81 | 22.96 | 23.02 | |
| 5 | QPSK | 12 | 13 | 23.09 | 23.09 | 22.90 | 23.04 | 23.08 | |
| 5 | QPSK | 25 | 0 | 23.02 | 23.07 | 22.86 | 22.91 | 23.00 | |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.05 | 22.92 | 23.02 | 22.84 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.94 | 22.95 | 22.73 | 23.04 | 23.03 | |
| 5 | 16QAM | 1 | 24 | 23.10 | 23.24 | 22.93 | 22.85 | 23.09 | |
| 5 | 16QAM | 12 | 0 | 21.94 | 22.07 | 21.81 | 21.98 | 21.90 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.06 | 22.11 | 21.80 | 21.96 | 21.97 | |
| 5 | 16QAM | 12 | 13 | 22.02 | 22.04 | 21.82 | 21.98 | 21.99 | |
| 5 | 16QAM | 25 | 0 | 22.12 | 22.11 | 21.94 | 22.00 | 21.98 | |
| 5 | 64QAM | 1 | 0 | 21.68 | 21.84 | 21.58 | 21.74 | 21.47 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.76 | 21.83 | 21.59 | 21.89 | 21.85 | |
| 5 | 64QAM | 1 | 24 | 21.82 | 21.88 | 21.73 | 21.49 | 21.82 | |
| 5 | 64QAM | 12 | 0 | 20.98 | 21.12 | 20.90 | 21.01 | 20.93 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.06 | 21.06 | 20.85 | 21.06 | 21.07 | |
| 5 | 64QAM | 12 | 13 | 21.14 | 21.16 | 20.89 | 20.99 | 21.06 | |
| 5 | 64QAM | 25 | 0 | 21.10 | 21.15 | 20.88 | 20.92 | 21.01 | |
| 5 | 256QAM | 1 | 0 | 19.01 | 18.89 | 18.86 | 18.70 | 18.56 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.85 | 18.76 | 18.72 | 18.82 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.94 | 18.88 | 18.72 | 18.49 | 18.80 | |
| 5 | 256QAM | 12 | 0 | 19.21 | 19.10 | 19.03 | 19.07 | 19.05 | 20.5 |
| 5 | 256QAM | 12 | 7 | 19.21 | 19.21 | 19.04 | 19.21 | 19.20 | |
| 5 | 256QAM | 12 | 13 | 19.20 | 19.09 | 18.96 | 19.08 | 19.09 | |
| 5 | 256QAM | 25 | 0 | 19.16 | 19.14 | 18.94 | 19.03 | 19.04 | |

## Band 41 HPUE_Ant 0

| 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 25.61 | 25.65 | 25.51 | 25.56 | 25.45 | 27 |
| 20 | QPSK | 1 | 49 | 25.61 | 25.65 | 25.38 | 25.87 | 25.84 | |
| 20 | QPSK | 1 | 99 | 25.70 | 25.66 | 25.51 | 25.45 | 25.74 | |
| 20 | QPSK | 50 | 0 | 24.96 | 24.98 | 24.73 | 24.89 | 24.89 | 26 |
| 20 | QPSK | 50 | 24 | 24.99 | 24.99 | 24.73 | 25.03 | 25.03 | |
| 20 | QPSK | 50 | 50 | 24.95 | 24.97 | 24.72 | 24.91 | 25.02 | |
| 20 | QPSK | 100 | 0 | 24.98 | 24.99 | 24.73 | 24.93 | 24.96 | |
| 20 | 16QAM | 1 | 0 | 24.99 | 24.99 | 24.88 | 24.92 | 24.76 | 26 |
| 20 | 16QAM | 1 | 49 | 24.99 | 25.01 | 24.82 | 25.18 | 25.20 | |
| 20 | 16QAM | 1 | 99 | 25.02 | 25.04 | 24.84 | 24.77 | 25.07 | |
| 20 | 16QAM | 50 | 0 | 23.99 | 24.01 | 23.78 | 23.91 | 23.91 | 25 |
| 20 | 16QAM | 50 | 24 | 24.00 | 24.04 | 23.77 | 24.06 | 24.07 | |
| 20 | 16QAM | 50 | 50 | 24.00 | 24.00 | 23.77 | 23.96 | 24.04 | |
| 20 | 16QAM | 100 | 0 | 23.98 | 24.01 | 23.75 | 23.96 | 23.99 | |
| 20 | 64QAM | 1 | 0 | 23.81 | 23.84 | 23.65 | 23.73 | 23.62 | 25 |
| 20 | 64QAM | 1 | 49 | 23.87 | 23.85 | 23.65 | 24.06 | 24.09 | |
| 20 | 64QAM | 1 | 99 | 23.86 | 23.88 | 23.73 | 23.60 | 23.95 | |
| 20 | 64QAM | 50 | 0 | 23.01 | 23.03 | 22.79 | 22.90 | 22.93 | 24 |
| 20 | 64QAM | 50 | 24 | 22.99 | 23.05 | 22.78 | 23.06 | 23.08 | |
| 20 | 64QAM | 50 | 50 | 23.01 | 23.01 | 22.80 | 22.97 | 23.04 | |
| 20 | 64QAM | 100 | 0 | 23.00 | 23.03 | 22.78 | 22.99 | 22.97 | |
| 20 | 256QAM | 1 | 0 | 20.86 | 20.85 | 20.80 | 20.68 | 20.86 | 22 |
| 20 | 256QAM | 1 | 49 | 20.86 | 20.74 | 20.63 | 20.93 | 21.11 | |
| 20 | 256QAM | 1 | 99 | 20.87 | 20.81 | 20.61 | 20.56 | 20.95 | |
| 20 | 256QAM | 50 | 0 | 21.11 | 21.04 | 20.94 | 20.95 | 21.00 | 22 |
| 20 | 256QAM | 50 | 24 | 21.06 | 21.00 | 20.88 | 21.12 | 21.10 | |
| 20 | 256QAM | 50 | 50 | 21.03 | 21.00 | 20.81 | 20.95 | 21.06 | |
| 20 | 256QAM | 100 | 0 | 21.02 | 20.97 | 20.85 | 20.99 | 20.97 | |
| 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 | 25.51 | 25.57 | 25.46 | 25.53 | 25.35 | 27 |
| 15 | QPSK | 1 | 37 | 25.52 | 25.64 | 25.31 | 25.82 | 25.75 | |
| 15 | QPSK | 1 | 74 | 25.68 | 25.63 | 25.44 | 25.41 | 25.68 | |
| 15 | QPSK | 36 | 0 | 24.90 | 24.96 | 24.63 | 24.89 | 24.80 | 26 |
| 15 | QPSK | 36 | 20 | 24.99 | 24.96 | 24.71 | 24.93 | 25.02 | |
| 15 | QPSK | 36 | 39 | 24.95 | 24.88 | 24.66 | 24.87 | 24.92 | |
| 15 | QPSK | 75 | 0 | 24.92 | 24.90 | 24.64 | 24.88 | 24.88 | |
| 15 | 16QAM | 1 | 0 | 24.99 | 24.91 | 24.82 | 24.89 | 24.74 | 26 |
| 15 | 16QAM | 1 | 37 | 24.94 | 24.95 | 24.75 | 25.17 | 25.14 | |
| 15 | 16QAM | 1 | 74 | 24.99 | 25.04 | 24.78 | 24.77 | 24.99 | |
| 15 | 16QAM | 36 | 0 | 23.95 | 23.93 | 23.76 | 23.88 | 23.84 | 25 |
| 15 | 16QAM | 36 | 20 | 23.96 | 23.94 | 23.70 | 24.05 | 24.07 | |
| 15 | 16QAM | 36 | 39 | 23.95 | 23.95 | 23.69 | 23.92 | 24.04 | |
| 15 | 16QAM | 75 | 0 | 23.95 | 24.00 | 23.65 | 23.92 | 23.96 | |
| 15 | 64QAM | 1 | 0 | 23.81 | 23.78 | 23.65 | 23.66 | 23.58 | 25 |
| 15 | 64QAM | 1 | 37 | 23.79 | 23.82 | 23.64 | 24.04 | 24.07 | |
| 15 | 64QAM | 1 | 74 | 23.78 | 23.85 | 23.69 | 23.53 | 23.90 | |
| 15 | 64QAM | 36 | 0 | 22.91 | 22.96 | 22.72 | 22.86 | 22.89 | 24 |
| 15 | 64QAM | 36 | 20 | 22.93 | 23.04 | 22.76 | 22.96 | 22.98 | |
| 15 | 64QAM | 36 | 39 | 22.94 | 23.00 | 22.71 | 22.87 | 22.99 | |
| 15 | 64QAM | 75 | 0 | 22.90 | 22.93 | 22.78 | 22.92 | 22.87 | |
| 15 | 256QAM | 1 | 0 | 20.86 | 20.79 | 20.71 | 20.65 | 20.85 | 22 |
| 15 | 256QAM | 1 | 37 | 20.85 | 20.65 | 20.58 | 20.90 | 21.09 | |
| 15 | 256QAM | 1 | 74 | 20.77 | 20.75 | 20.55 | 20.50 | 20.86 | |
| 15 | 256QAM | 36 | 0 | 21.02 | 20.94 | 20.85 | 20.94 | 20.91 | 22 |
| 15 | 256QAM | 36 | 20 | 20.96 | 20.90 | 20.85 | 21.12 | 21.09 | |
| 15 | 256QAM | 36 | 39 | 21.02 | 20.91 | 20.81 | 20.95 | 21.01 | |
| 15 | 256QAM | 75 | 0 | 21.02 | 20.95 | 20.83 | 20.89 | 20.89 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 25.54 | 25.58 | 25.43 | 25.55 | 25.44 | 27 |
| 10 | QPSK | 1 | 25 | 25.53 | 25.58 | 25.34 | 25.80 | 25.77 | |
| 10 | QPSK | 1 | 49 | 25.63 | 25.56 | 25.48 | 25.45 | 25.73 | |
| 10 | QPSK | 25 | 0 | 24.92 | 24.98 | 24.63 | 24.86 | 24.81 | 26 |
| 10 | QPSK | 25 | 12 | 24.90 | 24.98 | 24.64 | 25.02 | 24.97 | |
| 10 | QPSK | 25 | 25 | 24.94 | 24.96 | 24.64 | 24.89 | 25.01 | |
| 10 | QPSK | 50 | 0 | 24.91 | 24.93 | 24.69 | 24.91 | 24.90 | |
| 10 | 16QAM | 1 | 0 | 24.94 | 24.97 | 24.87 | 24.91 | 24.72 | 26 |
| 10 | 16QAM | 1 | 25 | 24.94 | 24.98 | 24.81 | 25.12 | 25.17 | |
| 10 | 16QAM | 1 | 49 | 24.98 | 25.00 | 24.77 | 24.75 | 25.05 | |
| 10 | 16QAM | 25 | 0 | 23.93 | 23.97 | 23.68 | 23.82 | 23.89 | 25 |
| 10 | 16QAM | 25 | 12 | 23.98 | 23.97 | 23.76 | 24.06 | 24.07 | |
| 10 | 16QAM | 25 | 25 | 23.93 | 23.92 | 23.77 | 23.89 | 24.03 | |
| 10 | 16QAM | 50 | 0 | 23.94 | 23.97 | 23.75 | 23.92 | 23.96 | |
| 10 | 64QAM | 1 | 0 | 23.79 | 23.77 | 23.59 | 23.69 | 23.59 | 25 |
| 10 | 64QAM | 1 | 25 | 23.81 | 23.84 | 23.60 | 24.01 | 24.01 | |
| 10 | 64QAM | 1 | 49 | 23.82 | 23.82 | 23.65 | 23.52 | 23.88 | |
| 10 | 64QAM | 25 | 0 | 22.94 | 22.96 | 22.75 | 22.87 | 22.88 | 24 |
| 10 | 64QAM | 25 | 12 | 22.99 | 23.00 | 22.78 | 23.06 | 22.96 | |
| 10 | 64QAM | 25 | 25 | 22.97 | 22.96 | 22.74 | 22.87 | 23.01 | |
| 10 | 64QAM | 50 | 0 | 22.94 | 22.96 | 22.68 | 22.90 | 22.93 | |
| 10 | 256QAM | 1 | 0 | 20.86 | 20.84 | 20.74 | 20.64 | 20.79 | 22 |
| 10 | 256QAM | 1 | 25 | 20.80 | 20.74 | 20.54 | 20.86 | 21.09 | |
| 10 | 256QAM | 1 | 49 | 20.85 | 20.78 | 20.51 | 20.51 | 20.88 | |
| 10 | 256QAM | 25 | 0 | 21.05 | 20.99 | 20.93 | 20.90 | 20.92 | 22 |
| 10 | 256QAM | 25 | 12 | 20.98 | 20.99 | 20.82 | 21.05 | 21.07 | |
| 10 | 256QAM | 25 | 25 | 20.94 | 20.90 | 20.80 | 20.91 | 20.99 | |
| 10 | 256QAM | 50 | 0 | 20.97 | 20.89 | 20.75 | 20.99 | 20.91 | |
| 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 | 25.58 | 25.65 | 25.42 | 25.48 | 25.41 | 27 |
| 5 | QPSK | 1 | 12 | 25.57 | 25.64 | 25.35 | 25.86 | 25.78 | |
| 5 | QPSK | 1 | 24 | 25.65 | 25.59 | 25.41 | 25.36 | 25.65 | |
| 5 | QPSK | 12 | 0 | 24.91 | 24.91 | 24.72 | 24.83 | 24.86 | 26 |
| 5 | QPSK | 12 | 7 | 24.95 | 24.89 | 24.69 | 25.03 | 24.96 | |
| 5 | QPSK | 12 | 13 | 24.85 | 24.90 | 24.72 | 24.87 | 24.97 | |
| 5 | QPSK | 25 | 0 | 24.98 | 24.95 | 24.68 | 24.89 | 24.86 | |
| 5 | 16QAM | 1 | 0 | 24.90 | 24.91 | 24.87 | 24.90 | 24.76 | 26 |
| 5 | 16QAM | 1 | 12 | 24.92 | 24.97 | 24.79 | 25.13 | 25.16 | |
| 5 | 16QAM | 1 | 24 | 24.97 | 25.04 | 24.79 | 24.73 | 25.03 | |
| 5 | 16QAM | 12 | 0 | 23.99 | 24.01 | 23.71 | 23.83 | 23.84 | 25 |
| 5 | 16QAM | 12 | 7 | 23.96 | 23.96 | 23.68 | 24.03 | 24.05 | |
| 5 | 16QAM | 12 | 13 | 24.00 | 23.98 | 23.67 | 23.93 | 24.03 | |
| 5 | 16QAM | 25 | 0 | 23.92 | 23.98 | 23.69 | 23.95 | 23.89 | |
| 5 | 64QAM | 1 | 0 | 23.72 | 23.80 | 23.63 | 23.66 | 23.56 | 25 |
| 5 | 64QAM | 1 | 12 | 23.87 | 23.81 | 23.55 | 24.06 | 24.04 | |
| 5 | 64QAM | 1 | 24 | 23.84 | 23.80 | 23.63 | 23.55 | 23.89 | |
| 5 | 64QAM | 12 | 0 | 22.95 | 23.00 | 22.75 | 22.88 | 22.90 | 24 |
| 5 | 64QAM | 12 | 7 | 22.97 | 22.95 | 22.72 | 23.01 | 22.98 | |
| 5 | 64QAM | 12 | 13 | 22.96 | 22.95 | 22.77 | 22.97 | 23.01 | |
| 5 | 64QAM | 25 | 0 | 22.98 | 22.99 | 22.74 | 22.99 | 22.95 | |
| 5 | 256QAM | 1 | 0 | 20.78 | 20.80 | 20.74 | 20.66 | 20.83 | 22 |
| 5 | 256QAM | 1 | 12 | 20.79 | 20.70 | 20.56 | 20.85 | 21.11 | |
| 5 | 256QAM | 1 | 24 | 20.87 | 20.78 | 20.55 | 20.47 | 20.90 | |
| 5 | 256QAM | 12 | 0 | 21.08 | 20.95 | 20.84 | 20.85 | 20.94 | 22 |
| 5 | 256QAM | 12 | 7 | 21.02 | 21.00 | 20.85 | 21.03 | 21.01 | |
| 5 | 256QAM | 12 | 13 | 21.02 | 20.90 | 20.74 | 20.88 | 20.98 | |
| 5 | 256QAM | 25 | 0 | 20.94 | 20.88 | 20.75 | 20.95 | 20.87 | |

## Band 48_Ant 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 | 24.39 | 24.55 | 24.62 | 24.65 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.27 | 24.36 | 24.46 | 24.47 | |
| 20 | QPSK | 1 | 99 | 24.31 | 24.34 | 24.42 | 24.47 | |
| 20 | QPSK | 50 | 0 | 23.47 | 23.57 | 23.60 | 23.61 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.46 | 23.54 | 23.55 | 23.65 | |
| 20 | QPSK | 50 | 50 | 23.40 | 23.47 | 23.54 | 23.57 | |
| 20 | QPSK | 100 | 0 | 23.43 | 23.52 | 23.52 | 23.64 | |
| 20 | 16QAM | 1 | 0 | 23.56 | 23.67 | 23.75 | 23.76 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.37 | 23.44 | 23.52 | 23.55 | |
| 20 | 16QAM | 1 | 99 | 23.39 | 23.43 | 23.54 | 23.57 | |
| 20 | 16QAM | 50 | 0 | 22.50 | 22.59 | 22.61 | 22.62 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.47 | 22.55 | 22.57 | 22.67 | |
| 20 | 16QAM | 50 | 50 | 22.43 | 22.49 | 22.56 | 22.60 | |
| 20 | 16QAM | 100 | 0 | 22.43 | 22.54 | 22.55 | 22.64 | |
| 20 | 64QAM | 1 | 0 | 22.25 | 22.38 | 22.43 | 22.43 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.12 | 22.20 | 22.29 | 22.29 | |
| 20 | 64QAM | 1 | 99 | 22.12 | 22.19 | 22.31 | 22.32 | |
| 20 | 64QAM | 50 | 0 | 21.52 | 21.59 | 21.61 | 21.64 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.49 | 21.58 | 21.57 | 21.68 | |
| 20 | 64QAM | 50 | 50 | 21.42 | 21.49 | 21.59 | 21.59 | |
| 20 | 64QAM | 100 | 0 | 21.47 | 21.54 | 21.53 | 21.66 | |
| 20 | 256QAM | 1 | 0 | 18.91 | 19.16 | 19.12 | 19.33 | 20.7 |
| 20 | 256QAM | 1 | 49 | 18.81 | 19.04 | 19.11 | 19.31 | |
| 20 | 256QAM | 1 | 99 | 19.01 | 19.16 | 19.31 | 19.45 | |
| 20 | 256QAM | 50 | 0 | 19.17 | 19.38 | 19.34 | 19.55 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.19 | 19.38 | 19.39 | 19.66 | |
| 20 | 256QAM | 50 | 50 | 19.21 | 19.38 | 19.49 | 19.66 | |
| 20 | 256QAM | 100 | 0 | 19.13 | 19.34 | 19.36 | 19.61 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 24.36 | 24.44 | 24.53 | 24.57 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.24 | 24.33 | 24.40 | 24.46 | |
| 15 | QPSK | 1 | 74 | 24.28 | 24.33 | 24.42 | 24.51 | |
| 15 | QPSK | 36 | 0 | 23.44 | 23.52 | 23.55 | 23.57 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.39 | 23.49 | 23.57 | 23.56 | |
| 15 | QPSK | 36 | 39 | 23.37 | 23.43 | 23.54 | 23.56 | |
| 15 | QPSK | 75 | 0 | 23.42 | 23.52 | 23.51 | 23.55 | |
| 15 | 16QAM | 1 | 0 | 23.48 | 23.57 | 23.68 | 23.67 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.27 | 23.36 | 23.45 | 23.49 | |
| 15 | 16QAM | 1 | 74 | 23.44 | 23.49 | 23.59 | 23.64 | |
| 15 | 16QAM | 36 | 0 | 22.41 | 22.50 | 22.52 | 22.55 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.37 | 22.44 | 22.54 | 22.50 | |
| 15 | 16QAM | 36 | 39 | 22.34 | 22.40 | 22.50 | 22.52 | |
| 15 | 16QAM | 75 | 0 | 22.42 | 22.52 | 22.51 | 22.55 | |
| 15 | 64QAM | 1 | 0 | 22.20 | 22.31 | 22.32 | 22.38 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.09 | 22.16 | 22.28 | 22.31 | |
| 15 | 64QAM | 1 | 74 | 22.16 | 22.24 | 22.35 | 22.36 | |
| 15 | 64QAM | 36 | 0 | 21.45 | 21.56 | 21.57 | 21.61 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.40 | 21.49 | 21.59 | 21.54 | |
| 15 | 64QAM | 36 | 39 | 21.40 | 21.46 | 21.55 | 21.58 | |
| 15 | 64QAM | 75 | 0 | 21.43 | 21.50 | 21.54 | 21.55 | |
| 15 | 256QAM | 1 | 0 | 18.86 | 19.10 | 19.05 | 19.32 | 20.7 |
| 15 | 256QAM | 1 | 37 | 18.77 | 19.04 | 19.10 | 19.28 | |
| 15 | 256QAM | 1 | 74 | 18.97 | 19.15 | 19.24 | 19.40 | |
| 15 | 256QAM | 36 | 0 | 19.13 | 19.30 | 19.31 | 19.45 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.14 | 19.38 | 19.32 | 19.65 | |
| 15 | 256QAM | 36 | 39 | 19.11 | 19.35 | 19.46 | 19.64 | |
| 15 | 256QAM | 75 | 0 | 19.04 | 19.24 | 19.36 | 19.59 | |
| Channel | | | | 55290 | 55815 | 56160 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 24.34 | 24.37 | 24.52 | 24.57 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.14 | 24.29 | 24.34 | 24.39 | |
| 10 | QPSK | 1 | 49 | 24.25 | 24.24 | 24.42 | 24.49 | |
| 10 | QPSK | 25 | 0 | 23.41 | 23.44 | 23.53 | 23.48 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.36 | 23.39 | 23.53 | 23.47 | |
| 10 | QPSK | 25 | 25 | 23.36 | 23.38 | 23.53 | 23.53 | |
| 10 | QPSK | 50 | 0 | 23.32 | 23.43 | 23.44 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.39 | 23.57 | 23.58 | 23.66 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.19 | 23.34 | 23.37 | 23.48 | |
| 10 | 16QAM | 1 | 49 | 23.39 | 23.47 | 23.49 | 23.54 | |
| 10 | 16QAM | 25 | 0 | 22.38 | 22.44 | 22.48 | 22.55 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.35 | 22.35 | 22.49 | 22.40 | |
| 10 | 16QAM | 25 | 25 | 22.24 | 22.39 | 22.48 | 22.50 | |
| 10 | 16QAM | 50 | 0 | 22.41 | 22.51 | 22.49 | 22.48 | |
| 10 | 64QAM | 1 | 0 | 22.11 | 22.26 | 22.28 | 22.30 | 23.7 |
| 10 | 64QAM | 1 | 25 | 21.99 | 22.11 | 22.28 | 22.25 | |
| 10 | 64QAM | 1 | 49 | 22.06 | 22.14 | 22.34 | 22.32 | |
| 10 | 64QAM | 25 | 0 | 21.35 | 21.47 | 21.48 | 21.56 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.31 | 21.43 | 21.52 | 21.45 | |
| 10 | 64QAM | 25 | 25 | 21.37 | 21.38 | 21.55 | 21.58 | |
| 10 | 64QAM | 50 | 0 | 21.38 | 21.45 | 21.49 | 21.48 | |
| 10 | 256QAM | 1 | 0 | 18.88 | 19.12 | 19.02 | 19.28 | 20.7 |
| 10 | 256QAM | 1 | 25 | 18.73 | 19.01 | 19.09 | 19.23 | |
| 10 | 256QAM | 1 | 49 | 18.96 | 19.10 | 19.25 | 19.39 | |
| 10 | 256QAM | 25 | 0 | 19.14 | 19.31 | 19.31 | 19.51 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.15 | 19.28 | 19.38 | 19.60 | |
| 10 | 256QAM | 25 | 25 | 19.14 | 19.28 | 19.46 | 19.63 | |
| 10 | 256QAM | 50 | 0 | 19.07 | 19.29 | 19.32 | 19.61 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 24.34 | 24.42 | 24.53 | 24.61 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.22 | 24.33 | 24.42 | 24.47 | |
| 5 | QPSK | 1 | 24 | 24.29 | 24.36 | 24.44 | 24.55 | |
| 5 | QPSK | 12 | 0 | 23.41 | 23.50 | 23.60 | 23.67 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.38 | 23.47 | 23.58 | 23.61 | |
| 5 | QPSK | 12 | 13 | 23.42 | 23.45 | 23.59 | 23.63 | |
| 5 | QPSK | 25 | 0 | 23.40 | 23.49 | 23.58 | 23.65 | |
| 5 | 16QAM | 1 | 0 | 23.47 | 23.57 | 23.65 | 23.75 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.45 | 23.53 | 23.60 | 23.67 | |
| 5 | 16QAM | 1 | 24 | 23.50 | 23.57 | 23.65 | 23.69 | |
| 5 | 16QAM | 12 | 0 | 22.39 | 22.48 | 22.59 | 22.63 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.39 | 22.49 | 22.54 | 22.63 | |
| 5 | 16QAM | 12 | 13 | 22.37 | 22.47 | 22.51 | 22.64 | |
| 5 | 16QAM | 25 | 0 | 22.44 | 22.53 | 22.62 | 22.66 | |
| 5 | 64QAM | 1 | 0 | 22.20 | 22.28 | 22.41 | 22.44 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.12 | 22.21 | 22.32 | 22.38 | |
| 5 | 64QAM | 1 | 24 | 22.19 | 22.28 | 22.41 | 22.47 | |
| 5 | 64QAM | 12 | 0 | 21.48 | 21.54 | 21.66 | 21.71 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.44 | 21.49 | 21.62 | 21.65 | |
| 5 | 64QAM | 12 | 13 | 21.43 | 21.47 | 21.59 | 21.67 | |
| 5 | 64QAM | 25 | 0 | 21.47 | 21.52 | 21.61 | 21.71 | |
| 5 | 256QAM | 1 | 0 | 18.90 | 19.14 | 19.11 | 19.24 | 20.7 |
| 5 | 256QAM | 1 | 12 | 18.71 | 19.03 | 19.09 | 19.23 | |
| 5 | 256QAM | 1 | 24 | 18.99 | 19.14 | 19.30 | 19.37 | |
| 5 | 256QAM | 12 | 0 | 19.10 | 19.29 | 19.24 | 19.46 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.15 | 19.37 | 19.39 | 19.61 | |
| 5 | 256QAM | 12 | 13 | 19.13 | 19.36 | 19.43 | 19.64 | |
| 5 | 256QAM | 25 | 0 | 19.11 | 19.34 | 19.33 | 19.58 | |

## Band 38_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 24.68 | 24.63 | 24.52 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.69 | 24.64 | 24.52 | |
| 20 | QPSK | 1 | 99 | 24.68 | 24.57 | 24.48 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.70 | 23.69 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.89 | 23.72 | 23.68 | |
| 20 | QPSK | 50 | 50 | 23.87 | 23.70 | 23.66 | |
| 20 | QPSK | 100 | 0 | 23.88 | 23.71 | 23.68 | |
| 20 | 16QAM | 1 | 0 | 23.81 | 23.74 | 23.67 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.79 | 23.72 | 23.61 | |
| 20 | 16QAM | 1 | 99 | 23.81 | 23.69 | 23.61 | |
| 20 | 16QAM | 50 | 0 | 22.91 | 22.76 | 22.73 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.75 | 22.70 | |
| 20 | 16QAM | 50 | 50 | 22.90 | 22.72 | 22.69 | |
| 20 | 16QAM | 100 | 0 | 22.89 | 22.73 | 22.70 | |
| 20 | 64QAM | 1 | 0 | 23.57 | 22.41 | 22.42 | 23.7 |
| 20 | 64QAM | 1 | 49 | 23.53 | 22.46 | 22.36 | |
| 20 | 64QAM | 1 | 99 | 23.56 | 22.39 | 22.42 | |
| 20 | 64QAM | 50 | 0 | 22.62 | 21.76 | 21.73 | 22.7 |
| 20 | 64QAM | 50 | 24 | 22.65 | 21.77 | 21.70 | |
| 20 | 64QAM | 50 | 50 | 22.62 | 21.74 | 21.70 | |
| 20 | 64QAM | 100 | 0 | 22.70 | 21.74 | 21.70 | |
| 20 | 256QAM | 1 | 0 | 19.77 | 19.78 | 19.81 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.70 | 19.68 | 19.59 | |
| 20 | 256QAM | 1 | 99 | 19.73 | 19.57 | 19.54 | |
| 20 | 256QAM | 50 | 0 | 20.07 | 19.96 | 19.97 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.02 | 19.92 | 19.93 | |
| 20 | 256QAM | 50 | 50 | 20.01 | 19.83 | 19.87 | |
| 20 | 256QAM | 100 | 0 | 20.03 | 19.92 | 19.91 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.60 | 24.52 | 24.39 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.55 | 24.50 | 24.35 | |
| 15 | QPSK | 1 | 74 | 24.59 | 24.52 | 24.38 | |
| 15 | QPSK | 36 | 0 | 23.77 | 23.63 | 23.59 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.80 | 23.73 | 23.56 | |
| 15 | QPSK | 36 | 39 | 23.75 | 23.61 | 23.56 | |
| 15 | QPSK | 75 | 0 | 23.78 | 23.63 | 23.58 | |
| 15 | 16QAM | 1 | 0 | 23.78 | 23.68 | 23.58 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.63 | 23.60 | 23.43 | |
| 15 | 16QAM | 1 | 74 | 23.74 | 23.63 | 23.54 | |
| 15 | 16QAM | 36 | 0 | 22.76 | 22.64 | 22.55 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.74 | 22.68 | 22.54 | |
| 15 | 16QAM | 36 | 39 | 22.74 | 22.58 | 22.54 | |
| 15 | 16QAM | 75 | 0 | 22.79 | 22.65 | 22.60 | |
| 15 | 64QAM | 1 | 0 | 22.50 | 22.35 | 22.30 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.44 | 22.37 | 22.23 | |
| 15 | 64QAM | 1 | 74 | 22.44 | 22.29 | 22.25 | |
| 15 | 64QAM | 36 | 0 | 21.62 | 21.67 | 21.61 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.80 | 21.73 | 21.61 | |
| 15 | 64QAM | 36 | 39 | 21.81 | 21.65 | 21.58 | |
| 15 | 64QAM | 75 | 0 | 21.81 | 21.65 | 21.61 | |
| 15 | 256QAM | 1 | 0 | 19.75 | 19.70 | 19.77 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.67 | 19.58 | 19.55 | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.55 | 19.49 | |
| 15 | 256QAM | 36 | 0 | 19.98 | 19.89 | 19.89 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.95 | 19.86 | 19.91 | |
| 15 | 256QAM | 36 | 39 | 19.98 | 19.83 | 19.84 | |
| 15 | 256QAM | 75 | 0 | 19.99 | 19.91 | 19.89 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.63 | 24.51 | 24.42 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.61 | 24.55 | 24.41 | |
| 10 | QPSK | 1 | 49 | 24.67 | 24.57 | 24.42 | |
| 10 | QPSK | 25 | 0 | 23.74 | 23.59 | 23.52 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.75 | 23.69 | 23.52 | |
| 10 | QPSK | 25 | 25 | 23.74 | 23.69 | 23.51 | |
| 10 | QPSK | 50 | 0 | 23.75 | 23.61 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.81 | 23.66 | 23.52 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.72 | 23.64 | 23.51 | |
| 10 | 16QAM | 1 | 49 | 23.79 | 23.68 | 23.47 | |
| 10 | 16QAM | 25 | 0 | 22.74 | 22.59 | 22.53 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.72 | 22.58 | |
| 10 | 16QAM | 25 | 25 | 22.74 | 22.67 | 22.48 | |
| 10 | 16QAM | 50 | 0 | 22.78 | 22.62 | 22.56 | |
| 10 | 64QAM | 1 | 0 | 22.57 | 22.39 | 22.32 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.54 | 22.43 | 22.32 | |
| 10 | 64QAM | 1 | 49 | 22.50 | 22.39 | 22.30 | |
| 10 | 64QAM | 25 | 0 | 21.81 | 21.67 | 21.61 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.83 | 21.75 | 21.63 | |
| 10 | 64QAM | 25 | 25 | 21.82 | 21.76 | 21.60 | |
| 10 | 64QAM | 50 | 0 | 21.78 | 21.65 | 21.57 | |
| 10 | 256QAM | 1 | 0 | 19.69 | 19.72 | 19.78 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.65 | 19.59 | 19.56 | |
| 10 | 256QAM | 1 | 49 | 19.69 | 19.52 | 19.48 | |
| 10 | 256QAM | 25 | 0 | 19.98 | 19.89 | 19.91 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.94 | 19.83 | 19.86 | |
| 10 | 256QAM | 25 | 25 | 19.91 | 19.76 | 19.82 | |
| 10 | 256QAM | 50 | 0 | 20.01 | 19.84 | 19.88 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.58 | 24.53 | 24.37 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.54 | 24.49 | 24.35 | |
| 5 | QPSK | 1 | 24 | 24.59 | 24.52 | 24.33 | |
| 5 | QPSK | 12 | 0 | 23.68 | 23.64 | 23.48 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.72 | 23.64 | 23.50 | |
| 5 | QPSK | 12 | 13 | 23.71 | 23.66 | 23.49 | |
| 5 | QPSK | 25 | 0 | 23.72 | 23.65 | 23.45 | |
| 5 | 16QAM | 1 | 0 | 23.72 | 23.67 | 23.52 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.75 | 23.68 | 23.50 | |
| 5 | 16QAM | 1 | 24 | 23.75 | 23.68 | 23.52 | |
| 5 | 16QAM | 12 | 0 | 22.67 | 22.60 | 22.46 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.72 | 22.66 | 22.47 | |
| 5 | 16QAM | 12 | 13 | 22.67 | 22.62 | 22.45 | |
| 5 | 16QAM | 25 | 0 | 22.73 | 22.68 | 22.52 | |
| 5 | 64QAM | 1 | 0 | 22.51 | 22.42 | 22.25 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.54 | 22.44 | 22.30 | |
| 5 | 64QAM | 1 | 24 | 22.54 | 22.45 | 22.29 | |
| 5 | 64QAM | 12 | 0 | 21.76 | 21.71 | 21.53 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.77 | 21.70 | 21.55 | |
| 5 | 64QAM | 12 | 13 | 21.78 | 21.70 | 21.51 | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.70 | 21.55 | |
| 5 | 256QAM | 1 | 0 | 19.67 | 19.77 | 19.81 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.64 | 19.63 | 19.56 | |
| 5 | 256QAM | 1 | 24 | 19.72 | 19.55 | 19.49 | |
| 5 | 256QAM | 12 | 0 | 20.02 | 19.86 | 19.87 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.97 | 19.86 | 19.93 | |
| 5 | 256QAM | 12 | 13 | 19.99 | 19.80 | 19.77 | |
| 5 | 256QAM | 25 | 0 | 19.96 | 19.87 | 19.82 | |

## Band 41_Ant 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 | 24.69 | 24.77 | 24.75 | 24.51 | 24.30 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.74 | 24.80 | 24.64 | 24.83 | 24.68 | |
| 20 | QPSK | 1 | 99 | 24.76 | 24.82 | 24.75 | 24.41 | 24.57 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.94 | 23.83 | 23.75 | 23.65 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.90 | 23.95 | 23.83 | 23.87 | 23.77 | |
| 20 | QPSK | 50 | 50 | 23.87 | 23.97 | 23.82 | 23.75 | 23.75 | |
| 20 | QPSK | 100 | 0 | 23.88 | 23.95 | 23.83 | 23.79 | 23.69 | |
| 20 | 16QAM | 1 | 0 | 23.83 | 23.89 | 23.87 | 23.64 | 23.43 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.82 | 23.89 | 23.78 | 23.92 | 23.77 | |
| 20 | 16QAM | 1 | 99 | 23.86 | 23.95 | 23.83 | 23.48 | 23.63 | |
| 20 | 16QAM | 50 | 0 | 22.90 | 22.96 | 22.85 | 22.78 | 22.67 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.99 | 22.88 | 22.93 | 22.81 | |
| 20 | 16QAM | 50 | 50 | 22.91 | 23.00 | 22.87 | 22.80 | 22.79 | |
| 20 | 16QAM | 100 | 0 | 22.89 | 22.98 | 22.87 | 22.83 | 22.72 | |
| 20 | 64QAM | 1 | 0 | 22.54 | 22.57 | 22.50 | 22.28 | 22.12 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.56 | 22.62 | 22.51 | 22.72 | 22.52 | |
| 20 | 64QAM | 1 | 99 | 22.57 | 22.70 | 22.53 | 22.22 | 22.26 | |
| 20 | 64QAM | 50 | 0 | 21.91 | 21.97 | 21.85 | 21.78 | 21.67 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.94 | 22.01 | 21.87 | 21.92 | 21.83 | |
| 20 | 64QAM | 50 | 50 | 21.91 | 21.99 | 21.86 | 21.78 | 21.80 | |
| 20 | 64QAM | 100 | 0 | 21.90 | 21.98 | 21.87 | 21.81 | 21.72 | |
| 20 | 256QAM | 1 | 0 | 19.89 | 19.75 | 19.87 | 19.61 | 19.38 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.75 | 19.71 | 19.77 | 19.75 | 19.73 | |
| 20 | 256QAM | 1 | 99 | 19.79 | 19.81 | 19.82 | 19.26 | 19.59 | |
| 20 | 256QAM | 50 | 0 | 20.10 | 20.10 | 20.14 | 20.00 | 19.87 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.06 | 20.06 | 20.12 | 20.07 | 20.02 | |
| 20 | 256QAM | 50 | 50 | 20.07 | 20.01 | 20.09 | 19.88 | 19.98 | |
| 20 | 256QAM | 100 | 0 | 20.07 | 20.03 | 20.09 | 19.90 | 19.91 | |
| 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 | 24.62 | 24.70 | 24.65 | 24.61 | 24.39 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.63 | 24.72 | 24.60 | 24.74 | 24.63 | |
| 15 | QPSK | 1 | 74 | 24.66 | 24.81 | 24.68 | 24.53 | 24.59 | |
| 15 | QPSK | 36 | 0 | 23.70 | 23.85 | 23.75 | 23.73 | 23.63 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.83 | 23.84 | 23.76 | 23.77 | 23.71 | |
| 15 | QPSK | 36 | 39 | 23.80 | 23.87 | 23.74 | 23.77 | 23.72 | |
| 15 | QPSK | 75 | 0 | 23.79 | 23.86 | 23.77 | 23.72 | 23.66 | |
| 15 | 16QAM | 1 | 0 | 23.76 | 23.84 | 23.76 | 23.77 | 23.52 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.70 | 23.79 | 23.68 | 23.80 | 23.71 | |
| 15 | 16QAM | 1 | 74 | 23.80 | 24.00 | 23.85 | 23.67 | 23.68 | |
| 15 | 16QAM | 36 | 0 | 22.69 | 22.82 | 22.74 | 22.70 | 22.56 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.77 | 22.83 | 22.71 | 22.73 | 22.68 | |
| 15 | 16QAM | 36 | 39 | 22.77 | 22.86 | 22.71 | 22.75 | 22.67 | |
| 15 | 16QAM | 75 | 0 | 22.84 | 22.89 | 22.77 | 22.75 | 22.70 | |
| 15 | 64QAM | 1 | 0 | 22.46 | 22.54 | 22.51 | 22.43 | 22.23 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.52 | 22.58 | 22.45 | 22.66 | 22.47 | |
| 15 | 64QAM | 1 | 74 | 22.53 | 22.74 | 22.53 | 22.41 | 22.36 | |
| 15 | 64QAM | 36 | 0 | 21.75 | 21.90 | 21.79 | 21.76 | 21.64 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.83 | 21.89 | 21.76 | 21.79 | 21.78 | |
| 15 | 64QAM | 36 | 39 | 21.83 | 21.91 | 21.79 | 21.78 | 21.73 | |
| 15 | 64QAM | 75 | 0 | 21.83 | 21.90 | 21.78 | 21.74 | 21.70 | |
| 15 | 256QAM | 1 | 0 | 19.82 | 19.74 | 19.82 | 19.61 | 19.34 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.70 | 19.69 | 19.67 | 19.73 | 19.72 | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.75 | 19.78 | 19.20 | 19.56 | |
| 15 | 256QAM | 36 | 0 | 20.08 | 20.05 | 20.04 | 19.96 | 19.81 | 20.7 |
| 15 | 256QAM | 36 | 20 | 20.04 | 20.02 | 20.07 | 20.02 | 20.01 | |
| 15 | 256QAM | 36 | 39 | 19.98 | 19.95 | 20.03 | 19.80 | 19.90 | |
| 15 | 256QAM | 75 | 0 | 20.04 | 20.00 | 20.05 | 19.80 | 19.91 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 24.65 | 24.69 | 24.64 | 24.45 | 24.41 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.68 | 24.74 | 24.67 | 24.75 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.70 | 24.76 | 24.65 | 24.53 | 24.35 | |
| 10 | QPSK | 25 | 0 | 23.76 | 23.82 | 23.75 | 23.72 | 23.68 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.87 | 23.77 | 23.88 | 23.73 | |
| 10 | QPSK | 25 | 25 | 23.78 | 23.85 | 23.76 | 23.80 | 23.64 | |
| 10 | QPSK | 50 | 0 | 23.78 | 23.87 | 23.77 | 23.79 | 23.67 | |
| 10 | 16QAM | 1 | 0 | 23.80 | 23.84 | 23.79 | 23.65 | 23.56 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.80 | 23.89 | 23.74 | 23.91 | 23.74 | |
| 10 | 16QAM | 1 | 49 | 23.76 | 23.89 | 23.72 | 23.63 | 23.46 | |
| 10 | 16QAM | 25 | 0 | 22.77 | 22.84 | 22.77 | 22.77 | 22.69 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.81 | 22.89 | 22.80 | 22.94 | 22.77 | |
| 10 | 16QAM | 25 | 25 | 22.78 | 22.83 | 22.75 | 22.80 | 22.65 | |
| 10 | 16QAM | 50 | 0 | 22.81 | 22.90 | 22.79 | 22.84 | 22.70 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.51 | 22.47 | 22.35 | 22.28 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.58 | 22.67 | 22.53 | 22.76 | 22.49 | |
| 10 | 64QAM | 1 | 49 | 22.55 | 22.66 | 22.45 | 22.40 | 22.12 | |
| 10 | 64QAM | 25 | 0 | 21.83 | 21.92 | 21.82 | 21.81 | 21.74 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.88 | 21.94 | 21.80 | 21.96 | 21.82 | |
| 10 | 64QAM | 25 | 25 | 21.85 | 21.95 | 21.85 | 21.87 | 21.71 | |
| 10 | 64QAM | 50 | 0 | 21.81 | 21.87 | 21.79 | 21.83 | 21.70 | |
| 10 | 256QAM | 1 | 0 | 19.79 | 19.66 | 19.78 | 19.61 | 19.36 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.69 | 19.62 | 19.77 | 19.66 | 19.69 | |
| 10 | 256QAM | 1 | 49 | 19.78 | 19.81 | 19.80 | 19.24 | 19.54 | |
| 10 | 256QAM | 25 | 0 | 20.07 | 20.05 | 20.05 | 19.96 | 19.84 | 20.7 |
| 10 | 256QAM | 25 | 12 | 20.05 | 19.97 | 20.10 | 20.06 | 19.97 | |
| 10 | 256QAM | 25 | 25 | 19.97 | 20.01 | 20.04 | 19.88 | 19.91 | |
| 10 | 256QAM | 50 | 0 | 20.01 | 20.03 | 20.03 | 19.89 | 19.89 | |
| 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 | 24.67 | 24.69 | 24.59 | 24.70 | 24.58 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.64 | 24.71 | 24.64 | 24.74 | 24.59 | |
| 5 | QPSK | 1 | 24 | 24.62 | 24.69 | 24.61 | 24.70 | 24.54 | |
| 5 | QPSK | 12 | 0 | 23.77 | 23.80 | 23.73 | 23.78 | 23.72 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.76 | 23.87 | 23.77 | 23.83 | 23.73 | |
| 5 | QPSK | 12 | 13 | 23.76 | 23.82 | 23.74 | 23.85 | 23.70 | |
| 5 | QPSK | 25 | 0 | 23.76 | 23.83 | 23.75 | 23.78 | 23.67 | |
| 5 | 16QAM | 1 | 0 | 23.78 | 23.84 | 23.75 | 23.82 | 23.74 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.81 | 23.87 | 23.84 | 23.96 | 23.85 | |
| 5 | 16QAM | 1 | 24 | 23.83 | 23.87 | 23.80 | 23.89 | 23.71 | |
| 5 | 16QAM | 12 | 0 | 22.76 | 22.81 | 22.73 | 22.81 | 22.70 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.83 | 22.72 | 22.81 | 22.72 | |
| 5 | 16QAM | 12 | 13 | 22.76 | 22.80 | 22.74 | 22.81 | 22.68 | |
| 5 | 16QAM | 25 | 0 | 22.80 | 22.88 | 22.80 | 22.83 | 22.72 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.62 | 22.50 | 22.64 | 22.50 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.59 | 22.66 | 22.50 | 22.73 | 22.50 | |
| 5 | 64QAM | 1 | 24 | 22.59 | 22.65 | 22.52 | 22.67 | 22.44 | |
| 5 | 64QAM | 12 | 0 | 21.80 | 21.87 | 21.77 | 21.85 | 21.73 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.82 | 21.92 | 21.83 | 21.86 | 21.79 | |
| 5 | 64QAM | 12 | 13 | 21.80 | 21.89 | 21.79 | 21.89 | 21.72 | |
| 5 | 64QAM | 25 | 0 | 21.83 | 21.89 | 21.83 | 21.86 | 21.75 | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.73 | 19.81 | 19.53 | 19.33 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.75 | 19.65 | 19.69 | 19.73 | 19.73 | |
| 5 | 256QAM | 1 | 24 | 19.71 | 19.78 | 19.75 | 19.26 | 19.56 | |
| 5 | 256QAM | 12 | 0 | 20.04 | 20.09 | 20.06 | 19.99 | 19.82 | 20.7 |
| 5 | 256QAM | 12 | 7 | 20.02 | 20.03 | 20.02 | 20.00 | 20.02 | |
| 5 | 256QAM | 12 | 13 | 20.06 | 19.92 | 20.01 | 19.81 | 19.95 | |
| 5 | 256QAM | 25 | 0 | 20.05 | 19.96 | 20.02 | 19.86 | 19.89 | |

## Band 41 HPUE_Ant 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 26.30 | 26.35 | 26.33 | 26.26 | 26.05 | 27.5 |
| 20 | QPSK | 1 | 49 | 26.27 | 26.36 | 26.26 | 26.54 | 26.41 | |
| 20 | QPSK | 1 | 99 | 26.30 | 26.39 | 26.30 | 26.14 | 26.28 | |
| 20 | QPSK | 50 | 0 | 25.57 | 25.64 | 25.54 | 25.60 | 25.48 | 26.5 |
| 20 | QPSK | 50 | 24 | 25.57 | 25.67 | 25.57 | 25.77 | 25.66 | |
| 20 | QPSK | 50 | 50 | 25.57 | 25.66 | 25.54 | 25.60 | 25.63 | |
| 20 | QPSK | 100 | 0 | 25.57 | 25.66 | 25.54 | 25.63 | 25.56 | |
| 20 | 16QAM | 1 | 0 | 25.67 | 25.72 | 25.71 | 25.67 | 25.42 | 26.5 |
| 20 | 16QAM | 1 | 49 | 25.66 | 25.72 | 25.63 | 25.89 | 25.80 | |
| 20 | 16QAM | 1 | 99 | 25.64 | 25.73 | 25.63 | 25.49 | 25.63 | |
| 20 | 16QAM | 50 | 0 | 24.61 | 24.68 | 24.57 | 24.63 | 24.53 | 25.5 |
| 20 | 16QAM | 50 | 24 | 24.61 | 24.68 | 24.58 | 24.81 | 24.66 | |
| 20 | 16QAM | 50 | 50 | 24.61 | 24.70 | 24.56 | 24.65 | 24.66 | |
| 20 | 16QAM | 100 | 0 | 24.62 | 24.68 | 24.56 | 24.67 | 24.59 | |
| 20 | 64QAM | 1 | 0 | 24.48 | 24.50 | 24.49 | 24.46 | 24.28 | 25.5 |
| 20 | 64QAM | 1 | 49 | 24.51 | 24.58 | 24.45 | 24.80 | 24.64 | |
| 20 | 64QAM | 1 | 99 | 24.50 | 24.61 | 24.52 | 24.38 | 23.91 | |
| 20 | 64QAM | 50 | 0 | 23.61 | 23.68 | 23.59 | 23.65 | 23.52 | 24.5 |
| 20 | 64QAM | 50 | 24 | 23.63 | 23.70 | 23.58 | 23.77 | 23.66 | |
| 20 | 64QAM | 50 | 50 | 23.63 | 23.71 | 23.58 | 23.66 | 23.52 | |
| 20 | 64QAM | 100 | 0 | 23.62 | 23.69 | 23.57 | 23.68 | 23.59 | |
| 20 | 256QAM | 1 | 0 | 21.75 | 21.79 | 21.84 | 21.77 | 21.50 | 22.5 |
| 20 | 256QAM | 1 | 49 | 21.64 | 21.68 | 21.70 | 21.92 | 21.84 | |
| 20 | 256QAM | 1 | 99 | 21.73 | 21.77 | 21.75 | 21.49 | 21.84 | |
| 20 | 256QAM | 50 | 0 | 21.89 | 21.91 | 21.91 | 21.92 | 21.78 | 22.5 |
| 20 | 256QAM | 50 | 24 | 21.88 | 21.88 | 21.92 | 22.01 | 21.90 | |
| 20 | 256QAM | 50 | 50 | 21.81 | 21.86 | 21.85 | 21.82 | 21.86 | |
| 20 | 256QAM | 100 | 0 | 21.84 | 21.83 | 21.88 | 21.88 | 21.79 | |
| 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 | 26.33 | 26.41 | 26.38 | 26.49 | 26.25 | 27.5 |
| 15 | QPSK | 1 | 37 | 26.34 | 26.43 | 26.33 | 26.51 | 26.50 | |
| 15 | QPSK | 1 | 74 | 26.38 | 26.52 | 26.42 | 26.40 | 26.43 | |
| 15 | QPSK | 36 | 0 | 25.47 | 25.61 | 25.54 | 25.63 | 25.53 | 26.5 |
| 15 | QPSK | 36 | 20 | 25.56 | 25.63 | 25.55 | 25.68 | 25.62 | |
| 15 | QPSK | 36 | 39 | 25.56 | 25.63 | 25.52 | 25.65 | 25.61 | |
| 15 | QPSK | 75 | 0 | 25.56 | 25.63 | 25.53 | 25.63 | 25.59 | |
| 15 | 16QAM | 1 | 0 | 25.60 | 25.71 | 25.67 | 25.78 | 25.56 | 26.5 |
| 15 | 16QAM | 1 | 37 | 25.59 | 25.68 | 25.58 | 25.86 | 25.74 | |
| 15 | 16QAM | 1 | 74 | 25.66 | 25.82 | 25.71 | 25.70 | 25.68 | |
| 15 | 16QAM | 36 | 0 | 24.46 | 24.58 | 24.50 | 24.63 | 24.49 | 25.5 |
| 15 | 16QAM | 36 | 20 | 24.53 | 24.58 | 24.50 | 24.65 | 24.61 | |
| 15 | 16QAM | 36 | 39 | 24.55 | 24.62 | 24.50 | 24.66 | 24.60 | |
| 15 | 16QAM | 75 | 0 | 24.57 | 24.63 | 24.53 | 24.63 | 24.58 | |
| 15 | 64QAM | 1 | 0 | 24.41 | 24.51 | 24.49 | 24.61 | 24.39 | 25.5 |
| 15 | 64QAM | 1 | 37 | 24.51 | 24.58 | 24.48 | 24.81 | 24.51 | |
| 15 | 64QAM | 1 | 74 | 24.51 | 24.71 | 24.58 | 24.51 | 24.18 | |
| 15 | 64QAM | 36 | 0 | 23.49 | 23.62 | 23.55 | 23.65 | 23.54 | 24.5 |
| 15 | 64QAM | 36 | 20 | 23.58 | 23.66 | 23.54 | 23.70 | 23.56 | |
| 15 | 64QAM | 36 | 39 | 23.58 | 23.65 | 23.54 | 23.69 | 23.49 | |
| 15 | 64QAM | 75 | 0 | 23.58 | 23.66 | 23.55 | 23.65 | 23.58 | |
| 15 | 256QAM | 1 | 0 | 21.66 | 21.79 | 21.76 | 21.76 | 21.41 | 22.5 |
| 15 | 256QAM | 1 | 37 | 21.58 | 21.64 | 21.60 | 21.92 | 21.80 | |
| 15 | 256QAM | 1 | 74 | 21.71 | 21.71 | 21.67 | 21.46 | 21.84 | |
| 15 | 256QAM | 36 | 0 | 21.88 | 21.81 | 21.89 | 21.82 | 21.74 | 22.5 |
| 15 | 256QAM | 36 | 20 | 21.81 | 21.78 | 21.88 | 21.96 | 21.86 | |
| 15 | 256QAM | 36 | 39 | 21.75 | 21.76 | 21.85 | 21.75 | 21.86 | |
| 15 | 256QAM | 75 | 0 | 21.80 | 21.76 | 21.88 | 21.85 | 21.71 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 26.36 | 26.35 | 26.40 | 26.29 | 26.24 | 27.5 |
| 10 | QPSK | 1 | 25 | 26.33 | 26.42 | 26.32 | 26.53 | 26.40 | |
| 10 | QPSK | 1 | 49 | 26.43 | 26.51 | 26.33 | 26.40 | 26.12 | |
| 10 | QPSK | 25 | 0 | 25.55 | 25.63 | 25.54 | 25.64 | 25.59 | 26.5 |
| 10 | QPSK | 25 | 12 | 25.57 | 25.67 | 25.59 | 25.80 | 25.67 | |
| 10 | QPSK | 25 | 25 | 25.57 | 25.66 | 25.54 | 25.72 | 25.56 | |
| 10 | QPSK | 50 | 0 | 25.57 | 25.66 | 25.54 | 25.73 | 25.57 | |
| 10 | 16QAM | 1 | 0 | 25.77 | 25.77 | 25.75 | 25.66 | 25.62 | 26.5 |
| 10 | 16QAM | 1 | 25 | 25.71 | 25.80 | 25.71 | 25.92 | 25.77 | |
| 10 | 16QAM | 1 | 49 | 25.74 | 25.84 | 25.71 | 25.71 | 25.52 | |
| 10 | 16QAM | 25 | 0 | 24.54 | 24.62 | 24.58 | 24.68 | 24.64 | 25.5 |
| 10 | 16QAM | 25 | 12 | 24.59 | 24.70 | 24.61 | 24.86 | 24.71 | |
| 10 | 16QAM | 25 | 25 | 24.55 | 24.63 | 24.53 | 24.73 | 24.58 | |
| 10 | 16QAM | 50 | 0 | 24.59 | 24.70 | 24.59 | 24.75 | 24.61 | |
| 10 | 64QAM | 1 | 0 | 24.68 | 24.65 | 24.64 | 24.52 | 24.48 | 25.5 |
| 10 | 64QAM | 1 | 25 | 24.64 | 24.80 | 24.61 | 24.80 | 24.52 | |
| 10 | 64QAM | 1 | 49 | 24.65 | 24.75 | 24.62 | 24.60 | 24.21 | |
| 10 | 64QAM | 25 | 0 | 23.65 | 23.70 | 23.64 | 23.72 | 23.63 | 24.5 |
| 10 | 64QAM | 25 | 12 | 23.67 | 23.75 | 23.67 | 23.91 | 23.59 | |
| 10 | 64QAM | 25 | 25 | 23.63 | 23.73 | 23.62 | 23.79 | 23.48 | |
| 10 | 64QAM | 50 | 0 | 23.59 | 23.66 | 23.61 | 23.77 | 23.48 | |
| 10 | 256QAM | 1 | 0 | 21.68 | 21.71 | 21.77 | 21.67 | 21.44 | 22.5 |
| 10 | 256QAM | 1 | 25 | 21.64 | 21.60 | 21.70 | 21.89 | 21.83 | |
| 10 | 256QAM | 1 | 49 | 21.65 | 21.75 | 21.66 | 21.47 | 21.78 | |
| 10 | 256QAM | 25 | 0 | 21.88 | 21.81 | 21.90 | 21.89 | 21.73 | 22.5 |
| 10 | 256QAM | 25 | 12 | 21.80 | 21.86 | 21.90 | 21.94 | 21.87 | |
| 10 | 256QAM | 25 | 25 | 21.76 | 21.78 | 21.76 | 21.72 | 21.78 | |
| 10 | 256QAM | 50 | 0 | 21.82 | 21.83 | 21.80 | 21.85 | 21.73 | |
| 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 | 26.38 | 26.43 | 26.36 | 26.53 | 26.46 | 27.5 |
| 5 | QPSK | 1 | 12 | 26.38 | 26.46 | 26.40 | 26.52 | 26.46 | |
| 5 | QPSK | 1 | 24 | 26.40 | 26.43 | 26.34 | 26.51 | 26.38 | |
| 5 | QPSK | 12 | 0 | 25.55 | 25.62 | 25.54 | 25.72 | 25.61 | 26.5 |
| 5 | QPSK | 12 | 7 | 25.61 | 25.64 | 25.56 | 25.75 | 25.67 | |
| 5 | QPSK | 12 | 13 | 25.57 | 25.64 | 25.55 | 25.76 | 25.64 | |
| 5 | QPSK | 25 | 0 | 25.52 | 25.61 | 25.54 | 25.69 | 25.59 | |
| 5 | 16QAM | 1 | 0 | 25.76 | 25.78 | 25.72 | 25.84 | 25.78 | 26.5 |
| 5 | 16QAM | 1 | 12 | 25.70 | 25.80 | 25.73 | 25.91 | 25.74 | |
| 5 | 16QAM | 1 | 24 | 25.72 | 25.81 | 25.76 | 25.90 | 25.73 | |
| 5 | 16QAM | 12 | 0 | 24.59 | 24.64 | 24.58 | 24.76 | 24.65 | 25.5 |
| 5 | 16QAM | 12 | 7 | 24.62 | 24.69 | 24.64 | 24.76 | 24.72 | |
| 5 | 16QAM | 12 | 13 | 24.58 | 24.67 | 24.60 | 24.80 | 24.64 | |
| 5 | 16QAM | 25 | 0 | 24.60 | 24.65 | 24.60 | 24.76 | 24.68 | |
| 5 | 64QAM | 1 | 0 | 24.61 | 24.66 | 24.60 | 24.75 | 24.57 | 25.5 |
| 5 | 64QAM | 1 | 12 | 24.60 | 24.69 | 24.61 | 24.84 | 24.52 | |
| 5 | 64QAM | 1 | 24 | 24.63 | 24.71 | 24.65 | 24.82 | 24.44 | |
| 5 | 64QAM | 12 | 0 | 23.60 | 23.65 | 23.57 | 23.78 | 23.59 | 24.5 |
| 5 | 64QAM | 12 | 7 | 23.65 | 23.73 | 23.65 | 23.82 | 23.58 | |
| 5 | 64QAM | 12 | 13 | 23.59 | 23.70 | 23.59 | 23.83 | 23.53 | |
| 5 | 64QAM | 25 | 0 | 23.60 | 23.70 | 23.63 | 23.81 | 23.53 | |
| 5 | 256QAM | 1 | 0 | 21.74 | 21.71 | 21.78 | 21.74 | 21.45 | 22.5 |
| 5 | 256QAM | 1 | 12 | 21.59 | 21.58 | 21.66 | 21.91 | 21.77 | |
| 5 | 256QAM | 1 | 24 | 21.68 | 21.67 | 21.67 | 21.49 | 21.77 | |
| 5 | 256QAM | 12 | 0 | 21.81 | 21.90 | 21.81 | 21.89 | 21.71 | 22.5 |
| 5 | 256QAM | 12 | 7 | 21.88 | 21.79 | 21.85 | 21.91 | 21.83 | |
| 5 | 256QAM | 12 | 13 | 21.71 | 21.78 | 21.75 | 21.75 | 21.82 | |
| 5 | 256QAM | 25 | 0 | 21.74 | 21.77 | 21.79 | 21.83 | 21.79 | |

## Band 48_Ant 7

| 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 | 24.12 | 24.37 | 24.52 | 24.44 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.04 | 24.21 | 24.31 | 24.22 | |
| 20 | QPSK | 1 | 99 | 24.05 | 24.23 | 24.24 | 24.14 | |
| 20 | QPSK | 50 | 0 | 23.22 | 23.42 | 23.53 | 23.47 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.19 | 23.40 | 23.48 | 23.42 | |
| 20 | QPSK | 50 | 50 | 23.13 | 23.33 | 23.34 | 23.24 | |
| 20 | QPSK | 100 | 0 | 23.17 | 23.37 | 23.48 | 23.40 | |
| 20 | 16QAM | 1 | 0 | 23.25 | 23.46 | 23.65 | 23.57 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.11 | 23.29 | 23.41 | 23.31 | |
| 20 | 16QAM | 1 | 99 | 23.13 | 23.33 | 23.37 | 23.28 | |
| 20 | 16QAM | 50 | 0 | 22.24 | 22.44 | 22.57 | 22.50 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.21 | 22.42 | 22.53 | 22.44 | |
| 20 | 16QAM | 50 | 50 | 22.16 | 22.37 | 22.37 | 22.27 | |
| 20 | 16QAM | 100 | 0 | 22.18 | 22.41 | 22.49 | 22.40 | |
| 20 | 64QAM | 1 | 0 | 21.89 | 22.14 | 22.35 | 22.28 | 23.7 |
| 20 | 64QAM | 1 | 49 | 21.85 | 22.07 | 22.17 | 22.06 | |
| 20 | 64QAM | 1 | 99 | 21.92 | 22.08 | 22.07 | 21.95 | |
| 20 | 64QAM | 50 | 0 | 21.26 | 21.47 | 21.57 | 21.50 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.22 | 21.44 | 21.52 | 21.42 | |
| 20 | 64QAM | 50 | 50 | 21.16 | 21.38 | 21.38 | 21.29 | |
| 20 | 64QAM | 100 | 0 | 21.18 | 21.40 | 21.50 | 21.42 | |
| 20 | 256QAM | 1 | 0 | 19.23 | 19.31 | 19.59 | 19.41 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.18 | 19.33 | 19.49 | 19.30 | |
| 20 | 256QAM | 1 | 99 | 19.30 | 19.51 | 19.56 | 19.37 | |
| 20 | 256QAM | 50 | 0 | 19.52 | 19.64 | 19.80 | 19.64 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.52 | 19.69 | 19.84 | 19.63 | |
| 20 | 256QAM | 50 | 50 | 19.54 | 19.69 | 19.77 | 19.61 | |
| 20 | 256QAM | 100 | 0 | 19.47 | 19.64 | 19.77 | 19.63 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 24.05 | 24.28 | 24.40 | 24.34 | 25.7 |
| 15 | QPSK | 1 | 37 | 23.97 | 24.19 | 24.30 | 24.20 | |
| 15 | QPSK | 1 | 74 | 23.99 | 24.21 | 24.29 | 24.17 | |
| 15 | QPSK | 36 | 0 | 23.18 | 23.39 | 23.50 | 23.44 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.12 | 23.36 | 23.46 | 23.36 | |
| 15 | QPSK | 36 | 39 | 23.09 | 23.32 | 23.34 | 23.31 | |
| 15 | QPSK | 75 | 0 | 23.13 | 23.37 | 23.49 | 23.40 | |
| 15 | 16QAM | 1 | 0 | 23.20 | 23.43 | 23.55 | 23.48 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.02 | 23.23 | 23.35 | 23.26 | |
| 15 | 16QAM | 1 | 74 | 23.20 | 23.39 | 23.45 | 23.31 | |
| 15 | 16QAM | 36 | 0 | 22.14 | 22.37 | 22.48 | 22.37 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.32 | 22.42 | 22.33 | |
| 15 | 16QAM | 36 | 39 | 22.07 | 22.29 | 22.30 | 22.29 | |
| 15 | 16QAM | 75 | 0 | 22.18 | 22.38 | 22.47 | 22.38 | |
| 15 | 64QAM | 1 | 0 | 21.92 | 22.08 | 22.26 | 22.21 | 23.7 |
| 15 | 64QAM | 1 | 37 | 21.83 | 22.04 | 22.15 | 22.06 | |
| 15 | 64QAM | 1 | 74 | 21.89 | 22.13 | 22.14 | 22.01 | |
| 15 | 64QAM | 36 | 0 | 21.21 | 21.41 | 21.53 | 21.46 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.16 | 21.40 | 21.49 | 21.37 | |
| 15 | 64QAM | 36 | 39 | 21.12 | 21.35 | 21.36 | 21.33 | |
| 15 | 64QAM | 75 | 0 | 21.18 | 21.41 | 21.49 | 21.39 | |
| 15 | 256QAM | 1 | 0 | 19.17 | 19.24 | 19.56 | 19.33 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.09 | 19.24 | 19.41 | 19.25 | |
| 15 | 256QAM | 1 | 74 | 19.24 | 19.49 | 19.56 | 19.30 | |
| 15 | 256QAM | 36 | 0 | 19.47 | 19.58 | 19.71 | 19.63 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.52 | 19.64 | 19.76 | 19.60 | |
| 15 | 256QAM | 36 | 39 | 19.52 | 19.60 | 19.77 | 19.51 | |
| 15 | 256QAM | 75 | 0 | 19.46 | 19.56 | 19.72 | 19.58 | |
| Channel | | | | 55290 | 55815 | 56160 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 23.95 | 24.26 | 24.38 | 24.30 | 25.7 |
| 10 | QPSK | 1 | 25 | 23.89 | 24.10 | 24.28 | 24.16 | |
| 10 | QPSK | 1 | 49 | 23.93 | 24.20 | 24.19 | 24.15 | |
| 10 | QPSK | 25 | 0 | 23.13 | 23.31 | 23.40 | 23.37 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.10 | 23.35 | 23.44 | 23.27 | |
| 10 | QPSK | 25 | 25 | 23.00 | 23.26 | 23.33 | 23.25 | |
| 10 | QPSK | 50 | 0 | 23.06 | 23.32 | 23.45 | 23.31 | |
| 10 | 16QAM | 1 | 0 | 23.18 | 23.37 | 23.52 | 23.40 | 24.7 |
| 10 | 16QAM | 1 | 25 | 22.94 | 23.18 | 23.31 | 23.22 | |
| 10 | 16QAM | 1 | 49 | 23.15 | 23.34 | 23.37 | 23.22 | |
| 10 | 16QAM | 25 | 0 | 22.09 | 22.30 | 22.45 | 22.32 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.09 | 22.25 | 22.37 | 22.32 | |
| 10 | 16QAM | 25 | 25 | 22.04 | 22.25 | 22.27 | 22.19 | |
| 10 | 16QAM | 50 | 0 | 22.08 | 22.31 | 22.39 | 22.38 | |
| 10 | 64QAM | 1 | 0 | 21.83 | 22.06 | 22.18 | 22.13 | 23.7 |
| 10 | 64QAM | 1 | 25 | 21.76 | 21.99 | 22.13 | 21.96 | |
| 10 | 64QAM | 1 | 49 | 21.83 | 22.09 | 22.10 | 21.97 | |
| 10 | 64QAM | 25 | 0 | 21.14 | 21.41 | 21.48 | 21.41 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.33 | 21.42 | 21.35 | |
| 10 | 64QAM | 25 | 25 | 21.12 | 21.34 | 21.30 | 21.25 | |
| 10 | 64QAM | 50 | 0 | 21.14 | 21.36 | 21.44 | 21.31 | |
| 10 | 256QAM | 1 | 0 | 19.21 | 19.26 | 19.56 | 19.34 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.13 | 19.32 | 19.43 | 19.29 | |
| 10 | 256QAM | 1 | 49 | 19.21 | 19.51 | 19.53 | 19.35 | |
| 10 | 256QAM | 25 | 0 | 19.52 | 19.59 | 19.74 | 19.63 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.51 | 19.69 | 19.77 | 19.53 | |
| 10 | 256QAM | 25 | 25 | 19.46 | 19.68 | 19.76 | 19.58 | |
| 10 | 256QAM | 50 | 0 | 19.39 | 19.56 | 19.74 | 19.62 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 24.05 | 24.18 | 24.33 | 24.31 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.94 | 24.16 | 24.22 | 24.18 | |
| 5 | QPSK | 1 | 24 | 23.93 | 24.14 | 24.25 | 24.10 | |
| 5 | QPSK | 12 | 0 | 23.09 | 23.35 | 23.45 | 23.43 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.04 | 23.28 | 23.38 | 23.28 | |
| 5 | QPSK | 12 | 13 | 23.07 | 23.31 | 23.33 | 23.22 | |
| 5 | QPSK | 25 | 0 | 23.12 | 23.33 | 23.41 | 23.38 | |
| 5 | 16QAM | 1 | 0 | 23.18 | 23.35 | 23.54 | 23.40 | 24.7 |
| 5 | 16QAM | 1 | 12 | 22.96 | 23.22 | 23.30 | 23.18 | |
| 5 | 16QAM | 1 | 24 | 23.13 | 23.30 | 23.39 | 23.29 | |
| 5 | 16QAM | 12 | 0 | 22.08 | 22.27 | 22.40 | 22.32 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.06 | 22.32 | 22.42 | 22.25 | |
| 5 | 16QAM | 12 | 13 | 21.98 | 22.26 | 22.24 | 22.20 | |
| 5 | 16QAM | 25 | 0 | 22.18 | 22.38 | 22.38 | 22.28 | |
| 5 | 64QAM | 1 | 0 | 21.91 | 22.01 | 22.17 | 22.12 | 23.7 |
| 5 | 64QAM | 1 | 12 | 21.74 | 22.01 | 22.05 | 22.06 | |
| 5 | 64QAM | 1 | 24 | 21.80 | 22.13 | 22.08 | 21.91 | |
| 5 | 64QAM | 12 | 0 | 21.15 | 21.31 | 21.46 | 21.41 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.07 | 21.35 | 21.49 | 21.31 | |
| 5 | 64QAM | 12 | 13 | 21.12 | 21.34 | 21.29 | 21.28 | |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.40 | 21.49 | 21.33 | |
| 5 | 256QAM | 1 | 0 | 19.14 | 19.26 | 19.52 | 19.34 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.15 | 19.32 | 19.49 | 19.29 | |
| 5 | 256QAM | 1 | 24 | 19.25 | 19.45 | 19.56 | 19.27 | |
| 5 | 256QAM | 12 | 0 | 19.52 | 19.55 | 19.75 | 19.55 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.52 | 19.69 | 19.77 | 19.62 | |
| 5 | 256QAM | 12 | 13 | 19.45 | 19.62 | 19.70 | 19.59 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.61 | 19.68 | 19.61 | |

## Band 38_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 23.42 | 23.33 | 23.25 | 25.2 |
| 20 | QPSK | 1 | 49 | 23.42 | 23.35 | 23.27 | |
| 20 | QPSK | 1 | 99 | 23.40 | 23.28 | 23.29 | |
| 20 | QPSK | 50 | 0 | 22.59 | 22.42 | 22.40 | 24.2 |
| 20 | QPSK | 50 | 24 | 22.55 | 22.42 | 22.42 | |
| 20 | QPSK | 50 | 50 | 22.55 | 22.42 | 22.40 | |
| 20 | QPSK | 100 | 0 | 22.56 | 22.41 | 22.42 | |
| 20 | 16QAM | 1 | 0 | 22.57 | 22.48 | 22.40 | 24.2 |
| 20 | 16QAM | 1 | 49 | 22.52 | 22.48 | 22.37 | |
| 20 | 16QAM | 1 | 99 | 22.57 | 22.47 | 22.44 | |
| 20 | 16QAM | 50 | 0 | 21.62 | 21.45 | 21.44 | 23.2 |
| 20 | 16QAM | 50 | 24 | 21.59 | 21.44 | 21.44 | |
| 20 | 16QAM | 50 | 50 | 21.59 | 21.44 | 21.45 | |
| 20 | 16QAM | 100 | 0 | 21.59 | 21.44 | 21.44 | |
| 20 | 64QAM | 1 | 0 | 21.28 | 21.22 | 21.22 | 23.2 |
| 20 | 64QAM | 1 | 49 | 21.33 | 21.26 | 21.15 | |
| 20 | 64QAM | 1 | 99 | 21.37 | 21.23 | 21.19 | |
| 20 | 64QAM | 50 | 0 | 20.62 | 20.46 | 20.44 | 22.2 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.47 | 20.45 | |
| 20 | 64QAM | 50 | 50 | 20.59 | 20.45 | 20.44 | |
| 20 | 64QAM | 100 | 0 | 20.60 | 20.42 | 20.44 | |
| 20 | 256QAM | 1 | 0 | 18.46 | 18.38 | 18.36 | 20.2 |
| 20 | 256QAM | 1 | 49 | 18.35 | 18.26 | 18.27 | |
| 20 | 256QAM | 1 | 99 | 18.34 | 18.15 | 18.14 | |
| 20 | 256QAM | 50 | 0 | 18.71 | 18.52 | 18.50 | 20.2 |
| 20 | 256QAM | 50 | 24 | 18.68 | 18.51 | 18.45 | |
| 20 | 256QAM | 50 | 50 | 18.63 | 18.39 | 18.33 | |
| 20 | 256QAM | 100 | 0 | 18.62 | 18.47 | 18.46 | |
| Channel | | | | 37925 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 23.38 | 23.28 | 23.21 | 25.2 |
| 15 | QPSK | 1 | 37 | 23.40 | 23.26 | 23.22 | |
| 15 | QPSK | 1 | 74 | 23.34 | 23.23 | 23.27 | |
| 15 | QPSK | 36 | 0 | 22.56 | 22.34 | 22.34 | 24.2 |
| 15 | QPSK | 36 | 20 | 22.55 | 22.39 | 22.39 | |
| 15 | QPSK | 36 | 39 | 22.46 | 22.42 | 22.30 | |
| 15 | QPSK | 75 | 0 | 22.49 | 22.31 | 22.40 | |
| 15 | 16QAM | 1 | 0 | 22.47 | 22.45 | 22.34 | 24.2 |
| 15 | 16QAM | 1 | 37 | 22.42 | 22.39 | 22.28 | |
| 15 | 16QAM | 1 | 74 | 22.54 | 22.39 | 22.37 | |
| 15 | 16QAM | 36 | 0 | 21.59 | 21.41 | 21.44 | 23.2 |
| 15 | 16QAM | 36 | 20 | 21.49 | 21.37 | 21.41 | |
| 15 | 16QAM | 36 | 39 | 21.58 | 21.37 | 21.39 | |
| 15 | 16QAM | 75 | 0 | 21.51 | 21.44 | 21.38 | |
| 15 | 64QAM | 1 | 0 | 21.26 | 21.23 | 21.21 | 23.2 |
| 15 | 64QAM | 1 | 37 | 21.31 | 21.23 | 21.22 | |
| 15 | 64QAM | 1 | 74 | 21.32 | 21.23 | 21.23 | |
| 15 | 64QAM | 36 | 0 | 20.57 | 20.44 | 20.40 | 22.2 |
| 15 | 64QAM | 36 | 20 | 20.61 | 20.43 | 20.37 | |
| 15 | 64QAM | 36 | 39 | 20.50 | 20.45 | 20.37 | |
| 15 | 64QAM | 75 | 0 | 20.54 | 20.37 | 20.39 | |
| 15 | 256QAM | 1 | 0 | 18.39 | 18.31 | 18.30 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.31 | 18.26 | 18.25 | |
| 15 | 256QAM | 1 | 74 | 18.32 | 18.23 | 18.23 | |
| 15 | 256QAM | 36 | 0 | 18.61 | 18.45 | 18.46 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.63 | 18.47 | 18.35 | |
| 15 | 256QAM | 36 | 39 | 18.53 | 18.38 | 18.31 | |
| 15 | 256QAM | 75 | 0 | 18.61 | 18.47 | 18.38 | |
| Channel | | | | 37900 | 38000 | 38100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 23.38 | 23.27 | 23.21 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.34 | 23.34 | 23.27 | |
| 10 | QPSK | 1 | 49 | 23.31 | 23.28 | 23.24 | |
| 10 | QPSK | 25 | 0 | 22.55 | 22.41 | 22.36 | 24.2 |
| 10 | QPSK | 25 | 12 | 22.53 | 22.36 | 22.33 | |
| 10 | QPSK | 25 | 25 | 22.53 | 22.38 | 22.35 | |
| 10 | QPSK | 50 | 0 | 22.51 | 22.38 | 22.36 | |
| 10 | 16QAM | 1 | 0 | 22.47 | 22.38 | 22.31 | 24.2 |
| 10 | 16QAM | 1 | 25 | 22.44 | 22.39 | 22.37 | |
| 10 | 16QAM | 1 | 49 | 22.54 | 22.46 | 22.34 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.43 | 21.42 | 23.2 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.35 | 21.34 | |
| 10 | 16QAM | 25 | 25 | 21.53 | 21.44 | 21.44 | |
| 10 | 16QAM | 50 | 0 | 21.52 | 21.40 | 21.42 | |
| 10 | 64QAM | 1 | 0 | 21.27 | 21.22 | 21.22 | 23.2 |
| 10 | 64QAM | 1 | 25 | 21.27 | 21.22 | 21.22 | |
| 10 | 64QAM | 1 | 49 | 21.33 | 21.21 | 21.23 | |
| 10 | 64QAM | 25 | 0 | 20.62 | 20.41 | 20.35 | 22.2 |
| 10 | 64QAM | 25 | 12 | 20.58 | 20.44 | 20.35 | |
| 10 | 64QAM | 25 | 25 | 20.55 | 20.42 | 20.38 | |
| 10 | 64QAM | 50 | 0 | 20.55 | 20.36 | 20.37 | |
| 10 | 256QAM | 1 | 0 | 18.39 | 18.31 | 18.32 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.28 | 18.24 | 18.21 | |
| 10 | 256QAM | 1 | 49 | 18.31 | 18.24 | 18.22 | |
| 10 | 256QAM | 25 | 0 | 18.64 | 18.42 | 18.46 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.64 | 18.43 | 18.35 | |
| 10 | 256QAM | 25 | 25 | 18.56 | 18.30 | 18.24 | |
| 10 | 256QAM | 50 | 0 | 18.58 | 18.41 | 18.45 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 23.39 | 23.24 | 23.25 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.41 | 23.28 | 23.20 | |
| 5 | QPSK | 1 | 24 | 23.32 | 23.21 | 23.21 | |
| 5 | QPSK | 12 | 0 | 22.56 | 22.34 | 22.31 | 24.2 |
| 5 | QPSK | 12 | 7 | 22.48 | 22.36 | 22.35 | |
| 5 | QPSK | 12 | 13 | 22.55 | 22.32 | 22.36 | |
| 5 | QPSK | 25 | 0 | 22.53 | 22.41 | 22.37 | |
| 5 | 16QAM | 1 | 0 | 22.47 | 22.42 | 22.38 | 24.2 |
| 5 | 16QAM | 1 | 12 | 22.44 | 22.44 | 22.28 | |
| 5 | 16QAM | 1 | 24 | 22.54 | 22.42 | 22.39 | |
| 5 | 16QAM | 12 | 0 | 21.54 | 21.43 | 21.37 | 23.2 |
| 5 | 16QAM | 12 | 7 | 21.59 | 21.36 | 21.44 | |
| 5 | 16QAM | 12 | 13 | 21.59 | 21.43 | 21.36 | |
| 5 | 16QAM | 25 | 0 | 21.59 | 21.40 | 21.34 | |
| 5 | 64QAM | 1 | 0 | 21.20 | 21.25 | 21.22 | 23.2 |
| 5 | 64QAM | 1 | 12 | 21.31 | 21.23 | 21.23 | |
| 5 | 64QAM | 1 | 24 | 21.30 | 21.23 | 21.21 | |
| 5 | 64QAM | 12 | 0 | 20.54 | 20.39 | 20.38 | 22.2 |
| 5 | 64QAM | 12 | 7 | 20.56 | 20.37 | 20.35 | |
| 5 | 64QAM | 12 | 13 | 20.53 | 20.45 | 20.38 | |
| 5 | 64QAM | 25 | 0 | 20.60 | 20.35 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 18.45 | 18.37 | 18.34 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.28 | 18.24 | 18.27 | |
| 5 | 256QAM | 1 | 24 | 18.28 | 18.20 | 18.22 | |
| 5 | 256QAM | 12 | 0 | 18.63 | 18.51 | 18.40 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.63 | 18.42 | 18.42 | |
| 5 | 256QAM | 12 | 13 | 18.56 | 18.39 | 18.27 | |
| 5 | 256QAM | 25 | 0 | 18.52 | 18.39 | 18.45 | |

## Band 41_Ant 0

| 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 23.93 | 23.99 | 23.83 | 23.74 | 23.72 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.99 | 24.01 | 23.84 | 24.09 | 24.02 | |
| 20 | QPSK | 1 | 99 | 23.98 | 23.99 | 23.83 | 23.76 | 23.94 | |
| 20 | QPSK | 50 | 0 | 23.16 | 23.19 | 22.95 | 22.97 | 22.98 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.18 | 23.19 | 22.94 | 23.12 | 23.13 | |
| 20 | QPSK | 50 | 50 | 23.14 | 23.18 | 22.93 | 23.03 | 23.11 | |
| 20 | QPSK | 100 | 0 | 23.15 | 23.19 | 22.95 | 23.03 | 23.05 | |
| 20 | 16QAM | 1 | 0 | 23.11 | 23.13 | 22.97 | 22.85 | 22.72 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.10 | 23.11 | 22.89 | 23.15 | 23.13 | |
| 20 | 16QAM | 1 | 99 | 23.11 | 23.12 | 22.96 | 22.68 | 23.03 | |
| 20 | 16QAM | 50 | 0 | 22.19 | 22.21 | 21.97 | 22.01 | 22.01 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.20 | 22.21 | 21.99 | 22.17 | 22.16 | |
| 20 | 16QAM | 50 | 50 | 22.18 | 22.19 | 21.97 | 22.05 | 22.15 | |
| 20 | 16QAM | 100 | 0 | 22.15 | 22.21 | 21.94 | 22.04 | 22.06 | |
| 20 | 64QAM | 1 | 0 | 21.80 | 21.84 | 21.59 | 21.52 | 21.42 | 23.5 |
| 20 | 64QAM | 1 | 49 | 21.85 | 21.84 | 21.68 | 21.92 | 21.96 | |
| 20 | 64QAM | 1 | 99 | 21.87 | 21.91 | 21.72 | 21.37 | 21.78 | |
| 20 | 64QAM | 50 | 0 | 21.19 | 21.21 | 20.98 | 21.02 | 21.00 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.19 | 21.24 | 21.00 | 21.17 | 21.17 | |
| 20 | 64QAM | 50 | 50 | 21.19 | 21.21 | 20.97 | 21.05 | 21.14 | |
| 20 | 64QAM | 100 | 0 | 21.18 | 21.23 | 20.98 | 21.07 | 21.07 | |
| 20 | 256QAM | 1 | 0 | 19.03 | 18.94 | 18.92 | 18.70 | 18.59 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.93 | 18.86 | 18.74 | 18.92 | 18.95 | |
| 20 | 256QAM | 1 | 99 | 18.99 | 18.94 | 18.74 | 18.49 | 18.83 | |
| 20 | 256QAM | 50 | 0 | 19.31 | 19.20 | 19.11 | 19.15 | 19.11 | 20.5 |
| 20 | 256QAM | 50 | 24 | 19.25 | 19.21 | 19.09 | 19.29 | 19.25 | |
| 20 | 256QAM | 50 | 50 | 19.22 | 19.18 | 19.02 | 19.08 | 19.16 | |
| 20 | 256QAM | 100 | 0 | 19.20 | 19.15 | 19.02 | 19.09 | 19.12 | |
| 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 | 23.91 | 23.98 | 23.77 | 23.85 | 23.76 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.88 | 23.95 | 23.78 | 24.02 | 23.94 | |
| 15 | QPSK | 1 | 74 | 23.94 | 24.07 | 23.82 | 23.83 | 23.97 | |
| 15 | QPSK | 36 | 0 | 23.04 | 23.15 | 22.93 | 23.00 | 23.00 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.12 | 23.15 | 22.90 | 23.06 | 23.12 | |
| 15 | QPSK | 36 | 39 | 23.11 | 23.16 | 22.90 | 23.07 | 23.10 | |
| 15 | QPSK | 75 | 0 | 23.10 | 23.15 | 22.91 | 23.00 | 23.06 | |
| 15 | 16QAM | 1 | 0 | 23.09 | 23.15 | 22.93 | 23.06 | 22.86 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.03 | 23.03 | 22.83 | 23.14 | 23.10 | |
| 15 | 16QAM | 1 | 74 | 23.14 | 23.25 | 23.01 | 22.92 | 23.11 | |
| 15 | 16QAM | 36 | 0 | 22.01 | 22.13 | 21.90 | 21.98 | 21.99 | 23.5 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.14 | 21.89 | 22.03 | 22.07 | |
| 15 | 16QAM | 36 | 39 | 22.09 | 22.11 | 21.87 | 22.04 | 22.07 | |
| 15 | 16QAM | 75 | 0 | 22.13 | 22.17 | 21.95 | 22.04 | 22.07 | |
| 15 | 64QAM | 1 | 0 | 21.72 | 21.84 | 21.65 | 21.74 | 21.57 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.85 | 21.84 | 21.64 | 21.93 | 21.89 | |
| 15 | 64QAM | 1 | 74 | 21.89 | 21.95 | 21.78 | 21.58 | 21.89 | |
| 15 | 64QAM | 36 | 0 | 21.06 | 21.20 | 20.95 | 21.03 | 21.03 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.15 | 21.16 | 20.95 | 21.09 | 21.14 | |
| 15 | 64QAM | 36 | 39 | 21.16 | 21.19 | 20.95 | 21.09 | 21.14 | |
| 15 | 64QAM | 75 | 0 | 21.16 | 21.19 | 20.95 | 21.02 | 21.08 | |
| 15 | 256QAM | 1 | 0 | 19.01 | 18.88 | 18.90 | 18.60 | 18.57 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.84 | 18.84 | 18.70 | 18.84 | 18.91 | |
| 15 | 256QAM | 1 | 74 | 18.94 | 18.93 | 18.69 | 18.45 | 18.74 | |
| 15 | 256QAM | 36 | 0 | 19.26 | 19.13 | 19.05 | 19.07 | 19.01 | 20.5 |
| 15 | 256QAM | 36 | 20 | 19.23 | 19.13 | 19.07 | 19.29 | 19.21 | |
| 15 | 256QAM | 36 | 39 | 19.20 | 19.11 | 18.94 | 19.03 | 19.07 | |
| 15 | 256QAM | 75 | 0 | 19.17 | 19.06 | 18.97 | 18.99 | 19.12 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 23.91 | 23.94 | 23.70 | 23.83 | 23.72 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.81 | 23.85 | 23.70 | 24.02 | 23.87 | |
| 10 | QPSK | 1 | 49 | 23.94 | 23.98 | 23.81 | 23.77 | 23.95 | |
| 10 | QPSK | 25 | 0 | 23.03 | 23.10 | 22.90 | 22.95 | 22.91 | 24.5 |
| 10 | QPSK | 25 | 12 | 23.03 | 23.13 | 22.80 | 23.06 | 23.09 | |
| 10 | QPSK | 25 | 25 | 23.06 | 23.07 | 22.82 | 23.00 | 23.00 | |
| 10 | QPSK | 50 | 0 | 23.05 | 23.12 | 22.84 | 22.93 | 22.99 | |
| 10 | 16QAM | 1 | 0 | 23.00 | 23.05 | 22.90 | 23.03 | 22.82 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.97 | 22.93 | 22.80 | 23.05 | 23.02 | |
| 10 | 16QAM | 1 | 49 | 23.10 | 23.20 | 23.00 | 22.91 | 23.09 | |
| 10 | 16QAM | 25 | 0 | 21.94 | 22.07 | 21.86 | 21.93 | 21.96 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.00 | 22.14 | 21.85 | 22.02 | 22.00 | |
| 10 | 16QAM | 25 | 25 | 22.07 | 22.02 | 21.80 | 21.96 | 22.05 | |
| 10 | 16QAM | 50 | 0 | 22.08 | 22.08 | 21.93 | 21.99 | 22.05 | |
| 10 | 64QAM | 1 | 0 | 21.70 | 21.79 | 21.65 | 21.66 | 21.51 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.77 | 21.80 | 21.60 | 21.86 | 21.79 | |
| 10 | 64QAM | 1 | 49 | 21.80 | 21.86 | 21.73 | 21.56 | 21.85 | |
| 10 | 64QAM | 25 | 0 | 21.00 | 21.20 | 20.87 | 20.96 | 20.97 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.07 | 21.11 | 20.91 | 20.99 | 21.07 | |
| 10 | 64QAM | 25 | 25 | 21.09 | 21.12 | 20.92 | 21.07 | 21.07 | |
| 10 | 64QAM | 50 | 0 | 21.14 | 21.17 | 20.88 | 20.99 | 21.04 | |
| 10 | 256QAM | 1 | 0 | 18.98 | 18.87 | 18.90 | 18.70 | 18.58 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.89 | 18.83 | 18.69 | 18.90 | 18.87 | |
| 10 | 256QAM | 1 | 49 | 18.96 | 18.91 | 18.73 | 18.40 | 18.80 | |
| 10 | 256QAM | 25 | 0 | 19.25 | 19.13 | 19.07 | 19.05 | 19.06 | 20.5 |
| 10 | 256QAM | 25 | 12 | 19.21 | 19.12 | 19.07 | 19.27 | 19.24 | |
| 10 | 256QAM | 25 | 25 | 19.17 | 19.15 | 18.95 | 19.08 | 19.09 | |
| 10 | 256QAM | 50 | 0 | 19.18 | 19.05 | 19.01 | 19.01 | 19.03 | |
| 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 | 23.84 | 23.94 | 23.73 | 23.81 | 23.72 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.80 | 23.91 | 23.75 | 23.92 | 23.85 | |
| 5 | QPSK | 1 | 24 | 23.87 | 23.99 | 23.80 | 23.79 | 23.92 | |
| 5 | QPSK | 12 | 0 | 23.01 | 23.09 | 22.89 | 22.94 | 22.93 | 24.5 |
| 5 | QPSK | 12 | 7 | 23.12 | 23.15 | 22.81 | 22.96 | 23.02 | |
| 5 | QPSK | 12 | 13 | 23.09 | 23.09 | 22.90 | 23.04 | 23.08 | |
| 5 | QPSK | 25 | 0 | 23.02 | 23.07 | 22.86 | 22.91 | 23.00 | |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.05 | 22.92 | 23.02 | 22.84 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.94 | 22.95 | 22.73 | 23.04 | 23.03 | |
| 5 | 16QAM | 1 | 24 | 23.10 | 23.24 | 22.93 | 22.85 | 23.09 | |
| 5 | 16QAM | 12 | 0 | 21.94 | 22.07 | 21.81 | 21.98 | 21.90 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.06 | 22.11 | 21.80 | 21.96 | 21.97 | |
| 5 | 16QAM | 12 | 13 | 22.02 | 22.04 | 21.82 | 21.98 | 21.99 | |
| 5 | 16QAM | 25 | 0 | 22.12 | 22.11 | 21.94 | 22.00 | 21.98 | |
| 5 | 64QAM | 1 | 0 | 21.68 | 21.84 | 21.58 | 21.74 | 21.47 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.76 | 21.83 | 21.59 | 21.89 | 21.85 | |
| 5 | 64QAM | 1 | 24 | 21.82 | 21.88 | 21.73 | 21.49 | 21.82 | |
| 5 | 64QAM | 12 | 0 | 20.98 | 21.12 | 20.90 | 21.01 | 20.93 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.06 | 21.06 | 20.85 | 21.06 | 21.07 | |
| 5 | 64QAM | 12 | 13 | 21.14 | 21.16 | 20.89 | 20.99 | 21.06 | |
| 5 | 64QAM | 25 | 0 | 21.10 | 21.15 | 20.88 | 20.92 | 21.01 | |
| 5 | 256QAM | 1 | 0 | 19.01 | 18.89 | 18.86 | 18.70 | 18.56 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.85 | 18.76 | 18.72 | 18.82 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.94 | 18.88 | 18.72 | 18.49 | 18.80 | |
| 5 | 256QAM | 12 | 0 | 19.21 | 19.10 | 19.03 | 19.07 | 19.05 | 20.5 |
| 5 | 256QAM | 12 | 7 | 19.21 | 19.21 | 19.04 | 19.21 | 19.20 | |
| 5 | 256QAM | 12 | 13 | 19.20 | 19.09 | 18.96 | 19.08 | 19.09 | |
| 5 | 256QAM | 25 | 0 | 19.16 | 19.14 | 18.94 | 19.03 | 19.04 | |

## Band 41 HPUE_Ant 0

| 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 25.61 | 25.65 | 25.51 | 25.56 | 25.45 | 27 |
| 20 | QPSK | 1 | 49 | 25.61 | 25.65 | 25.38 | 25.87 | 25.84 | |
| 20 | QPSK | 1 | 99 | 25.70 | 25.66 | 25.51 | 25.45 | 25.74 | |
| 20 | QPSK | 50 | 0 | 24.96 | 24.98 | 24.73 | 24.89 | 24.89 | 26 |
| 20 | QPSK | 50 | 24 | 24.99 | 24.99 | 24.73 | 25.03 | 25.03 | |
| 20 | QPSK | 50 | 50 | 24.95 | 24.97 | 24.72 | 24.91 | 25.02 | |
| 20 | QPSK | 100 | 0 | 24.98 | 24.99 | 24.73 | 24.93 | 24.96 | |
| 20 | 16QAM | 1 | 0 | 24.99 | 24.99 | 24.88 | 24.92 | 24.76 | 26 |
| 20 | 16QAM | 1 | 49 | 24.99 | 25.01 | 24.82 | 25.18 | 25.20 | |
| 20 | 16QAM | 1 | 99 | 25.02 | 25.04 | 24.84 | 24.77 | 25.07 | |
| 20 | 16QAM | 50 | 0 | 23.99 | 24.01 | 23.78 | 23.91 | 23.91 | 25 |
| 20 | 16QAM | 50 | 24 | 24.00 | 24.04 | 23.77 | 24.06 | 24.07 | |
| 20 | 16QAM | 50 | 50 | 24.00 | 24.00 | 23.77 | 23.96 | 24.04 | |
| 20 | 16QAM | 100 | 0 | 23.98 | 24.01 | 23.75 | 23.96 | 23.99 | |
| 20 | 64QAM | 1 | 0 | 23.81 | 23.84 | 23.65 | 23.73 | 23.62 | 25 |
| 20 | 64QAM | 1 | 49 | 23.87 | 23.85 | 23.65 | 24.06 | 24.09 | |
| 20 | 64QAM | 1 | 99 | 23.86 | 23.88 | 23.73 | 23.60 | 23.95 | |
| 20 | 64QAM | 50 | 0 | 23.01 | 23.03 | 22.79 | 22.90 | 22.93 | 24 |
| 20 | 64QAM | 50 | 24 | 22.99 | 23.05 | 22.78 | 23.06 | 23.08 | |
| 20 | 64QAM | 50 | 50 | 23.01 | 23.01 | 22.80 | 22.97 | 23.04 | |
| 20 | 64QAM | 100 | 0 | 23.00 | 23.03 | 22.78 | 22.99 | 22.97 | |
| 20 | 256QAM | 1 | 0 | 20.86 | 20.85 | 20.80 | 20.68 | 20.86 | 22 |
| 20 | 256QAM | 1 | 49 | 20.86 | 20.74 | 20.63 | 20.93 | 21.11 | |
| 20 | 256QAM | 1 | 99 | 20.87 | 20.81 | 20.61 | 20.56 | 20.95 | |
| 20 | 256QAM | 50 | 0 | 21.11 | 21.04 | 20.94 | 20.95 | 21.00 | 22 |
| 20 | 256QAM | 50 | 24 | 21.06 | 21.00 | 20.88 | 21.12 | 21.10 | |
| 20 | 256QAM | 50 | 50 | 21.03 | 21.00 | 20.81 | 20.95 | 21.06 | |
| 20 | 256QAM | 100 | 0 | 21.02 | 20.97 | 20.85 | 20.99 | 20.97 | |
| 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 | 25.51 | 25.57 | 25.46 | 25.53 | 25.35 | 27 |
| 15 | QPSK | 1 | 37 | 25.52 | 25.64 | 25.31 | 25.82 | 25.75 | |
| 15 | QPSK | 1 | 74 | 25.68 | 25.63 | 25.44 | 25.41 | 25.68 | |
| 15 | QPSK | 36 | 0 | 24.90 | 24.96 | 24.63 | 24.89 | 24.80 | 26 |
| 15 | QPSK | 36 | 20 | 24.99 | 24.96 | 24.71 | 24.93 | 25.02 | |
| 15 | QPSK | 36 | 39 | 24.95 | 24.88 | 24.66 | 24.87 | 24.92 | |
| 15 | QPSK | 75 | 0 | 24.92 | 24.90 | 24.64 | 24.88 | 24.88 | |
| 15 | 16QAM | 1 | 0 | 24.99 | 24.91 | 24.82 | 24.89 | 24.74 | 26 |
| 15 | 16QAM | 1 | 37 | 24.94 | 24.95 | 24.75 | 25.17 | 25.14 | |
| 15 | 16QAM | 1 | 74 | 24.99 | 25.04 | 24.78 | 24.77 | 24.99 | |
| 15 | 16QAM | 36 | 0 | 23.95 | 23.93 | 23.76 | 23.88 | 23.84 | 25 |
| 15 | 16QAM | 36 | 20 | 23.96 | 23.94 | 23.70 | 24.05 | 24.07 | |
| 15 | 16QAM | 36 | 39 | 23.95 | 23.95 | 23.69 | 23.92 | 24.04 | |
| 15 | 16QAM | 75 | 0 | 23.95 | 24.00 | 23.65 | 23.92 | 23.96 | |
| 15 | 64QAM | 1 | 0 | 23.81 | 23.78 | 23.65 | 23.66 | 23.58 | 25 |
| 15 | 64QAM | 1 | 37 | 23.79 | 23.82 | 23.64 | 24.04 | 24.07 | |
| 15 | 64QAM | 1 | 74 | 23.78 | 23.85 | 23.69 | 23.53 | 23.90 | |
| 15 | 64QAM | 36 | 0 | 22.91 | 22.96 | 22.72 | 22.86 | 22.89 | 24 |
| 15 | 64QAM | 36 | 20 | 22.93 | 23.04 | 22.76 | 22.96 | 22.98 | |
| 15 | 64QAM | 36 | 39 | 22.94 | 23.00 | 22.71 | 22.87 | 22.99 | |
| 15 | 64QAM | 75 | 0 | 22.90 | 22.93 | 22.78 | 22.92 | 22.87 | |
| 15 | 256QAM | 1 | 0 | 20.86 | 20.79 | 20.71 | 20.65 | 20.85 | 22 |
| 15 | 256QAM | 1 | 37 | 20.85 | 20.65 | 20.58 | 20.90 | 21.09 | |
| 15 | 256QAM | 1 | 74 | 20.77 | 20.75 | 20.55 | 20.50 | 20.86 | |
| 15 | 256QAM | 36 | 0 | 21.02 | 20.94 | 20.85 | 20.94 | 20.91 | 22 |
| 15 | 256QAM | 36 | 20 | 20.96 | 20.90 | 20.85 | 21.12 | 21.09 | |
| 15 | 256QAM | 36 | 39 | 21.02 | 20.91 | 20.81 | 20.95 | 21.01 | |
| 15 | 256QAM | 75 | 0 | 21.02 | 20.95 | 20.83 | 20.89 | 20.89 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 25.54 | 25.58 | 25.43 | 25.55 | 25.44 | 27 |
| 10 | QPSK | 1 | 25 | 25.53 | 25.58 | 25.34 | 25.80 | 25.77 | |
| 10 | QPSK | 1 | 49 | 25.63 | 25.56 | 25.48 | 25.45 | 25.73 | |
| 10 | QPSK | 25 | 0 | 24.92 | 24.98 | 24.63 | 24.86 | 24.81 | 26 |
| 10 | QPSK | 25 | 12 | 24.90 | 24.98 | 24.64 | 25.02 | 24.97 | |
| 10 | QPSK | 25 | 25 | 24.94 | 24.96 | 24.64 | 24.89 | 25.01 | |
| 10 | QPSK | 50 | 0 | 24.91 | 24.93 | 24.69 | 24.91 | 24.90 | |
| 10 | 16QAM | 1 | 0 | 24.94 | 24.97 | 24.87 | 24.91 | 24.72 | 26 |
| 10 | 16QAM | 1 | 25 | 24.94 | 24.98 | 24.81 | 25.12 | 25.17 | |
| 10 | 16QAM | 1 | 49 | 24.98 | 25.00 | 24.77 | 24.75 | 25.05 | |
| 10 | 16QAM | 25 | 0 | 23.93 | 23.97 | 23.68 | 23.82 | 23.89 | 25 |
| 10 | 16QAM | 25 | 12 | 23.98 | 23.97 | 23.76 | 24.06 | 24.07 | |
| 10 | 16QAM | 25 | 25 | 23.93 | 23.92 | 23.77 | 23.89 | 24.03 | |
| 10 | 16QAM | 50 | 0 | 23.94 | 23.97 | 23.75 | 23.92 | 23.96 | |
| 10 | 64QAM | 1 | 0 | 23.79 | 23.77 | 23.59 | 23.69 | 23.59 | 25 |
| 10 | 64QAM | 1 | 25 | 23.81 | 23.84 | 23.60 | 24.01 | 24.01 | |
| 10 | 64QAM | 1 | 49 | 23.82 | 23.82 | 23.65 | 23.52 | 23.88 | |
| 10 | 64QAM | 25 | 0 | 22.94 | 22.96 | 22.75 | 22.87 | 22.88 | 24 |
| 10 | 64QAM | 25 | 12 | 22.99 | 23.00 | 22.78 | 23.06 | 22.96 | |
| 10 | 64QAM | 25 | 25 | 22.97 | 22.96 | 22.74 | 22.87 | 23.01 | |
| 10 | 64QAM | 50 | 0 | 22.94 | 22.96 | 22.68 | 22.90 | 22.93 | |
| 10 | 256QAM | 1 | 0 | 20.86 | 20.84 | 20.74 | 20.64 | 20.79 | 22 |
| 10 | 256QAM | 1 | 25 | 20.80 | 20.74 | 20.54 | 20.86 | 21.09 | |
| 10 | 256QAM | 1 | 49 | 20.85 | 20.78 | 20.51 | 20.51 | 20.88 | |
| 10 | 256QAM | 25 | 0 | 21.05 | 20.99 | 20.93 | 20.90 | 20.92 | 22 |
| 10 | 256QAM | 25 | 12 | 20.98 | 20.99 | 20.82 | 21.05 | 21.07 | |
| 10 | 256QAM | 25 | 25 | 20.94 | 20.90 | 20.80 | 20.91 | 20.99 | |
| 10 | 256QAM | 50 | 0 | 20.97 | 20.89 | 20.75 | 20.99 | 20.91 | |
| 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 | 25.58 | 25.65 | 25.42 | 25.48 | 25.41 | 27 |
| 5 | QPSK | 1 | 12 | 25.57 | 25.64 | 25.35 | 25.86 | 25.78 | |
| 5 | QPSK | 1 | 24 | 25.65 | 25.59 | 25.41 | 25.36 | 25.65 | |
| 5 | QPSK | 12 | 0 | 24.91 | 24.91 | 24.72 | 24.83 | 24.86 | 26 |
| 5 | QPSK | 12 | 7 | 24.95 | 24.89 | 24.69 | 25.03 | 24.96 | |
| 5 | QPSK | 12 | 13 | 24.85 | 24.90 | 24.72 | 24.87 | 24.97 | |
| 5 | QPSK | 25 | 0 | 24.98 | 24.95 | 24.68 | 24.89 | 24.86 | |
| 5 | 16QAM | 1 | 0 | 24.90 | 24.91 | 24.87 | 24.90 | 24.76 | 26 |
| 5 | 16QAM | 1 | 12 | 24.92 | 24.97 | 24.79 | 25.13 | 25.16 | |
| 5 | 16QAM | 1 | 24 | 24.97 | 25.04 | 24.79 | 24.73 | 25.03 | |
| 5 | 16QAM | 12 | 0 | 23.99 | 24.01 | 23.71 | 23.83 | 23.84 | 25 |
| 5 | 16QAM | 12 | 7 | 23.96 | 23.96 | 23.68 | 24.03 | 24.05 | |
| 5 | 16QAM | 12 | 13 | 24.00 | 23.98 | 23.67 | 23.93 | 24.03 | |
| 5 | 16QAM | 25 | 0 | 23.92 | 23.98 | 23.69 | 23.95 | 23.89 | |
| 5 | 64QAM | 1 | 0 | 23.72 | 23.80 | 23.63 | 23.66 | 23.56 | 25 |
| 5 | 64QAM | 1 | 12 | 23.87 | 23.81 | 23.55 | 24.06 | 24.04 | |
| 5 | 64QAM | 1 | 24 | 23.84 | 23.80 | 23.63 | 23.55 | 23.89 | |
| 5 | 64QAM | 12 | 0 | 22.95 | 23.00 | 22.75 | 22.88 | 22.90 | 24 |
| 5 | 64QAM | 12 | 7 | 22.97 | 22.95 | 22.72 | 23.01 | 22.98 | |
| 5 | 64QAM | 12 | 13 | 22.96 | 22.95 | 22.77 | 22.97 | 23.01 | |
| 5 | 64QAM | 25 | 0 | 22.98 | 22.99 | 22.74 | 22.99 | 22.95 | |
| 5 | 256QAM | 1 | 0 | 20.78 | 20.80 | 20.74 | 20.66 | 20.83 | 22 |
| 5 | 256QAM | 1 | 12 | 20.79 | 20.70 | 20.56 | 20.85 | 21.11 | |
| 5 | 256QAM | 1 | 24 | 20.87 | 20.78 | 20.55 | 20.47 | 20.90 | |
| 5 | 256QAM | 12 | 0 | 21.08 | 20.95 | 20.84 | 20.85 | 20.94 | 22 |
| 5 | 256QAM | 12 | 7 | 21.02 | 21.00 | 20.85 | 21.03 | 21.01 | |
| 5 | 256QAM | 12 | 13 | 21.02 | 20.90 | 20.74 | 20.88 | 20.98 | |
| 5 | 256QAM | 25 | 0 | 20.94 | 20.88 | 20.75 | 20.95 | 20.87 | |

## Band 48_Ant 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 | 24.39 | 24.55 | 24.62 | 24.65 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.27 | 24.36 | 24.46 | 24.47 | |
| 20 | QPSK | 1 | 99 | 24.31 | 24.34 | 24.42 | 24.47 | |
| 20 | QPSK | 50 | 0 | 23.47 | 23.57 | 23.60 | 23.61 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.46 | 23.54 | 23.55 | 23.65 | |
| 20 | QPSK | 50 | 50 | 23.40 | 23.47 | 23.54 | 23.57 | |
| 20 | QPSK | 100 | 0 | 23.43 | 23.52 | 23.52 | 23.64 | |
| 20 | 16QAM | 1 | 0 | 23.56 | 23.67 | 23.75 | 23.76 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.37 | 23.44 | 23.52 | 23.55 | |
| 20 | 16QAM | 1 | 99 | 23.39 | 23.43 | 23.54 | 23.57 | |
| 20 | 16QAM | 50 | 0 | 22.50 | 22.59 | 22.61 | 22.62 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.47 | 22.55 | 22.57 | 22.67 | |
| 20 | 16QAM | 50 | 50 | 22.43 | 22.49 | 22.56 | 22.60 | |
| 20 | 16QAM | 100 | 0 | 22.43 | 22.54 | 22.55 | 22.64 | |
| 20 | 64QAM | 1 | 0 | 22.25 | 22.38 | 22.43 | 22.43 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.12 | 22.20 | 22.29 | 22.29 | |
| 20 | 64QAM | 1 | 99 | 22.12 | 22.19 | 22.31 | 22.32 | |
| 20 | 64QAM | 50 | 0 | 21.52 | 21.59 | 21.61 | 21.64 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.49 | 21.58 | 21.57 | 21.68 | |
| 20 | 64QAM | 50 | 50 | 21.42 | 21.49 | 21.59 | 21.59 | |
| 20 | 64QAM | 100 | 0 | 21.47 | 21.54 | 21.53 | 21.66 | |
| 20 | 256QAM | 1 | 0 | 18.91 | 19.16 | 19.12 | 19.33 | 20.7 |
| 20 | 256QAM | 1 | 49 | 18.81 | 19.04 | 19.11 | 19.31 | |
| 20 | 256QAM | 1 | 99 | 19.01 | 19.16 | 19.31 | 19.45 | |
| 20 | 256QAM | 50 | 0 | 19.17 | 19.38 | 19.34 | 19.55 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.19 | 19.38 | 19.39 | 19.66 | |
| 20 | 256QAM | 50 | 50 | 19.21 | 19.38 | 19.49 | 19.66 | |
| 20 | 256QAM | 100 | 0 | 19.13 | 19.34 | 19.36 | 19.61 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 24.36 | 24.44 | 24.53 | 24.57 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.24 | 24.33 | 24.40 | 24.46 | |
| 15 | QPSK | 1 | 74 | 24.28 | 24.33 | 24.42 | 24.51 | |
| 15 | QPSK | 36 | 0 | 23.44 | 23.52 | 23.55 | 23.57 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.39 | 23.49 | 23.57 | 23.56 | |
| 15 | QPSK | 36 | 39 | 23.37 | 23.43 | 23.54 | 23.56 | |
| 15 | QPSK | 75 | 0 | 23.42 | 23.52 | 23.51 | 23.55 | |
| 15 | 16QAM | 1 | 0 | 23.48 | 23.57 | 23.68 | 23.67 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.27 | 23.36 | 23.45 | 23.49 | |
| 15 | 16QAM | 1 | 74 | 23.44 | 23.49 | 23.59 | 23.64 | |
| 15 | 16QAM | 36 | 0 | 22.41 | 22.50 | 22.52 | 22.55 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.37 | 22.44 | 22.54 | 22.50 | |
| 15 | 16QAM | 36 | 39 | 22.34 | 22.40 | 22.50 | 22.52 | |
| 15 | 16QAM | 75 | 0 | 22.42 | 22.52 | 22.51 | 22.55 | |
| 15 | 64QAM | 1 | 0 | 22.20 | 22.31 | 22.32 | 22.38 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.09 | 22.16 | 22.28 | 22.31 | |
| 15 | 64QAM | 1 | 74 | 22.16 | 22.24 | 22.35 | 22.36 | |
| 15 | 64QAM | 36 | 0 | 21.45 | 21.56 | 21.57 | 21.61 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.40 | 21.49 | 21.59 | 21.54 | |
| 15 | 64QAM | 36 | 39 | 21.40 | 21.46 | 21.55 | 21.58 | |
| 15 | 64QAM | 75 | 0 | 21.43 | 21.50 | 21.54 | 21.55 | |
| 15 | 256QAM | 1 | 0 | 18.86 | 19.10 | 19.05 | 19.32 | 20.7 |
| 15 | 256QAM | 1 | 37 | 18.77 | 19.04 | 19.10 | 19.28 | |
| 15 | 256QAM | 1 | 74 | 18.97 | 19.15 | 19.24 | 19.40 | |
| 15 | 256QAM | 36 | 0 | 19.13 | 19.30 | 19.31 | 19.45 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.14 | 19.38 | 19.32 | 19.65 | |
| 15 | 256QAM | 36 | 39 | 19.11 | 19.35 | 19.46 | 19.64 | |
| 15 | 256QAM | 75 | 0 | 19.04 | 19.24 | 19.36 | 19.59 | |
| Channel | | | | 55290 | 55815 | 56160 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 24.34 | 24.37 | 24.52 | 24.57 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.14 | 24.29 | 24.34 | 24.39 | |
| 10 | QPSK | 1 | 49 | 24.25 | 24.24 | 24.42 | 24.49 | |
| 10 | QPSK | 25 | 0 | 23.41 | 23.44 | 23.53 | 23.48 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.36 | 23.39 | 23.53 | 23.47 | |
| 10 | QPSK | 25 | 25 | 23.36 | 23.38 | 23.53 | 23.53 | |
| 10 | QPSK | 50 | 0 | 23.32 | 23.43 | 23.44 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.39 | 23.57 | 23.58 | 23.66 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.19 | 23.34 | 23.37 | 23.48 | |
| 10 | 16QAM | 1 | 49 | 23.39 | 23.47 | 23.49 | 23.54 | |
| 10 | 16QAM | 25 | 0 | 22.38 | 22.44 | 22.48 | 22.55 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.35 | 22.35 | 22.49 | 22.40 | |
| 10 | 16QAM | 25 | 25 | 22.24 | 22.39 | 22.48 | 22.50 | |
| 10 | 16QAM | 50 | 0 | 22.41 | 22.51 | 22.49 | 22.48 | |
| 10 | 64QAM | 1 | 0 | 22.11 | 22.26 | 22.28 | 22.30 | 23.7 |
| 10 | 64QAM | 1 | 25 | 21.99 | 22.11 | 22.28 | 22.25 | |
| 10 | 64QAM | 1 | 49 | 22.06 | 22.14 | 22.34 | 22.32 | |
| 10 | 64QAM | 25 | 0 | 21.35 | 21.47 | 21.48 | 21.56 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.31 | 21.43 | 21.52 | 21.45 | |
| 10 | 64QAM | 25 | 25 | 21.37 | 21.38 | 21.55 | 21.58 | |
| 10 | 64QAM | 50 | 0 | 21.38 | 21.45 | 21.49 | 21.48 | |
| 10 | 256QAM | 1 | 0 | 18.88 | 19.12 | 19.02 | 19.28 | 20.7 |
| 10 | 256QAM | 1 | 25 | 18.73 | 19.01 | 19.09 | 19.23 | |
| 10 | 256QAM | 1 | 49 | 18.96 | 19.10 | 19.25 | 19.39 | |
| 10 | 256QAM | 25 | 0 | 19.14 | 19.31 | 19.31 | 19.51 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.15 | 19.28 | 19.38 | 19.60 | |
| 10 | 256QAM | 25 | 25 | 19.14 | 19.28 | 19.46 | 19.63 | |
| 10 | 256QAM | 50 | 0 | 19.07 | 19.29 | 19.32 | 19.61 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 24.34 | 24.42 | 24.53 | 24.61 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.22 | 24.33 | 24.42 | 24.47 | |
| 5 | QPSK | 1 | 24 | 24.29 | 24.36 | 24.44 | 24.55 | |
| 5 | QPSK | 12 | 0 | 23.41 | 23.50 | 23.60 | 23.67 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.38 | 23.47 | 23.58 | 23.61 | |
| 5 | QPSK | 12 | 13 | 23.42 | 23.45 | 23.59 | 23.63 | |
| 5 | QPSK | 25 | 0 | 23.40 | 23.49 | 23.58 | 23.65 | |
| 5 | 16QAM | 1 | 0 | 23.47 | 23.57 | 23.65 | 23.75 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.45 | 23.53 | 23.60 | 23.67 | |
| 5 | 16QAM | 1 | 24 | 23.50 | 23.57 | 23.65 | 23.69 | |
| 5 | 16QAM | 12 | 0 | 22.39 | 22.48 | 22.59 | 22.63 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.39 | 22.49 | 22.54 | 22.63 | |
| 5 | 16QAM | 12 | 13 | 22.37 | 22.47 | 22.51 | 22.64 | |
| 5 | 16QAM | 25 | 0 | 22.44 | 22.53 | 22.62 | 22.66 | |
| 5 | 64QAM | 1 | 0 | 22.20 | 22.28 | 22.41 | 22.44 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.12 | 22.21 | 22.32 | 22.38 | |
| 5 | 64QAM | 1 | 24 | 22.19 | 22.28 | 22.41 | 22.47 | |
| 5 | 64QAM | 12 | 0 | 21.48 | 21.54 | 21.66 | 21.71 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.44 | 21.49 | 21.62 | 21.65 | |
| 5 | 64QAM | 12 | 13 | 21.43 | 21.47 | 21.59 | 21.67 | |
| 5 | 64QAM | 25 | 0 | 21.47 | 21.52 | 21.61 | 21.71 | |
| 5 | 256QAM | 1 | 0 | 18.90 | 19.14 | 19.11 | 19.24 | 20.7 |
| 5 | 256QAM | 1 | 12 | 18.71 | 19.03 | 19.09 | 19.23 | |
| 5 | 256QAM | 1 | 24 | 18.99 | 19.14 | 19.30 | 19.37 | |
| 5 | 256QAM | 12 | 0 | 19.10 | 19.29 | 19.24 | 19.46 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.15 | 19.37 | 19.39 | 19.61 | |
| 5 | 256QAM | 12 | 13 | 19.13 | 19.36 | 19.43 | 19.64 | |
| 5 | 256QAM | 25 | 0 | 19.11 | 19.34 | 19.33 | 19.58 | |

## Band 38_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 24.68 | 24.63 | 24.52 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.69 | 24.64 | 24.52 | |
| 20 | QPSK | 1 | 99 | 24.68 | 24.57 | 24.48 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.70 | 23.69 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.89 | 23.72 | 23.68 | |
| 20 | QPSK | 50 | 50 | 23.87 | 23.70 | 23.66 | |
| 20 | QPSK | 100 | 0 | 23.88 | 23.71 | 23.68 | |
| 20 | 16QAM | 1 | 0 | 23.81 | 23.74 | 23.67 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.79 | 23.72 | 23.61 | |
| 20 | 16QAM | 1 | 99 | 23.81 | 23.69 | 23.61 | |
| 20 | 16QAM | 50 | 0 | 22.91 | 22.76 | 22.73 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.75 | 22.70 | |
| 20 | 16QAM | 50 | 50 | 22.90 | 22.72 | 22.69 | |
| 20 | 16QAM | 100 | 0 | 22.89 | 22.73 | 22.70 | |
| 20 | 64QAM | 1 | 0 | 23.57 | 22.41 | 22.42 | 23.7 |
| 20 | 64QAM | 1 | 49 | 23.53 | 22.46 | 22.36 | |
| 20 | 64QAM | 1 | 99 | 23.56 | 22.39 | 22.42 | |
| 20 | 64QAM | 50 | 0 | 22.62 | 21.76 | 21.73 | 22.7 |
| 20 | 64QAM | 50 | 24 | 22.65 | 21.77 | 21.70 | |
| 20 | 64QAM | 50 | 50 | 22.62 | 21.74 | 21.70 | |
| 20 | 64QAM | 100 | 0 | 22.70 | 21.74 | 21.70 | |
| 20 | 256QAM | 1 | 0 | 19.77 | 19.78 | 19.81 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.70 | 19.68 | 19.59 | |
| 20 | 256QAM | 1 | 99 | 19.73 | 19.57 | 19.54 | |
| 20 | 256QAM | 50 | 0 | 20.07 | 19.98 | 19.97 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.02 | 19.92 | 19.93 | |
| 20 | 256QAM | 50 | 50 | 20.01 | 19.83 | 19.87 | |
| 20 | 256QAM | 100 | 0 | 20.03 | 19.92 | 19.91 | |
| Channel | | | | 37925 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.60 | 24.52 | 24.39 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.55 | 24.50 | 24.35 | |
| 15 | QPSK | 1 | 74 | 24.59 | 24.52 | 24.38 | |
| 15 | QPSK | 36 | 0 | 23.77 | 23.63 | 23.59 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.80 | 23.73 | 23.56 | |
| 15 | QPSK | 36 | 39 | 23.75 | 23.61 | 23.56 | |
| 15 | QPSK | 75 | 0 | 23.78 | 23.63 | 23.58 | |
| 15 | 16QAM | 1 | 0 | 23.78 | 23.68 | 23.58 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.63 | 23.60 | 23.43 | |
| 15 | 16QAM | 1 | 74 | 23.74 | 23.63 | 23.54 | |
| 15 | 16QAM | 36 | 0 | 22.76 | 22.64 | 22.55 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.74 | 22.68 | 22.54 | |
| 15 | 16QAM | 36 | 39 | 22.74 | 22.58 | 22.54 | |
| 15 | 16QAM | 75 | 0 | 22.79 | 22.65 | 22.60 | |
| 15 | 64QAM | 1 | 0 | 22.50 | 22.35 | 22.30 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.44 | 22.37 | 22.23 | |
| 15 | 64QAM | 1 | 74 | 22.44 | 22.29 | 22.25 | |
| 15 | 64QAM | 36 | 0 | 21.82 | 21.67 | 21.61 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.80 | 21.73 | 21.61 | |
| 15 | 64QAM | 36 | 39 | 21.81 | 21.65 | 21.58 | |
| 15 | 64QAM | 75 | 0 | 21.81 | 21.65 | 21.61 | |
| 15 | 256QAM | 1 | 0 | 19.75 | 19.70 | 19.77 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.67 | 19.58 | 19.55 | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.55 | 19.49 | |
| 15 | 256QAM | 36 | 0 | 19.98 | 19.89 | 19.89 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.95 | 19.86 | 19.91 | |
| 15 | 256QAM | 36 | 39 | 19.98 | 19.83 | 19.84 | |
| 15 | 256QAM | 75 | 0 | 19.99 | 19.91 | 19.89 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.63 | 24.51 | 24.42 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.61 | 24.55 | 24.41 | |
| 10 | QPSK | 1 | 49 | 24.67 | 24.57 | 24.42 | |
| 10 | QPSK | 25 | 0 | 23.74 | 23.59 | 23.52 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.75 | 23.69 | 23.52 | |
| 10 | QPSK | 25 | 25 | 23.74 | 23.69 | 23.51 | |
| 10 | QPSK | 50 | 0 | 23.75 | 23.61 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.81 | 23.66 | 23.52 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.72 | 23.64 | 23.51 | |
| 10 | 16QAM | 1 | 49 | 23.79 | 23.68 | 23.47 | |
| 10 | 16QAM | 25 | 0 | 22.74 | 22.59 | 22.53 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.72 | 22.58 | |
| 10 | 16QAM | 25 | 25 | 22.74 | 22.67 | 22.48 | |
| 10 | 16QAM | 50 | 0 | 22.78 | 22.62 | 22.56 | |
| 10 | 64QAM | 1 | 0 | 22.57 | 22.39 | 22.32 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.54 | 22.43 | 22.32 | |
| 10 | 64QAM | 1 | 49 | 22.50 | 22.39 | 22.30 | |
| 10 | 64QAM | 25 | 0 | 21.81 | 21.67 | 21.61 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.83 | 21.75 | 21.63 | |
| 10 | 64QAM | 25 | 25 | 21.82 | 21.76 | 21.60 | |
| 10 | 64QAM | 50 | 0 | 21.78 | 21.65 | 21.57 | |
| 10 | 256QAM | 1 | 0 | 19.69 | 19.72 | 19.78 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.65 | 19.59 | 19.56 | |
| 10 | 256QAM | 1 | 49 | 19.69 | 19.52 | 19.48 | |
| 10 | 256QAM | 25 | 0 | 19.98 | 19.89 | 19.91 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.94 | 19.83 | 19.86 | |
| 10 | 256QAM | 25 | 25 | 19.91 | 19.76 | 19.82 | |
| 10 | 256QAM | 50 | 0 | 20.01 | 19.84 | 19.88 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.58 | 24.53 | 24.37 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.54 | 24.49 | 24.35 | |
| 5 | QPSK | 1 | 24 | 24.59 | 24.52 | 24.33 | |
| 5 | QPSK | 12 | 0 | 23.68 | 23.64 | 23.48 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.72 | 23.64 | 23.50 | |
| 5 | QPSK | 12 | 13 | 23.71 | 23.66 | 23.49 | |
| 5 | QPSK | 25 | 0 | 23.72 | 23.65 | 23.45 | |
| 5 | 16QAM | 1 | 0 | 23.72 | 23.67 | 23.52 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.75 | 23.68 | 23.50 | |
| 5 | 16QAM | 1 | 24 | 23.75 | 23.68 | 23.52 | |
| 5 | 16QAM | 12 | 0 | 22.67 | 22.60 | 22.46 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.72 | 22.66 | 22.47 | |
| 5 | 16QAM | 12 | 13 | 22.67 | 22.62 | 22.45 | |
| 5 | 16QAM | 25 | 0 | 22.73 | 22.68 | 22.52 | |
| 5 | 64QAM | 1 | 0 | 22.51 | 22.42 | 22.25 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.54 | 22.44 | 22.30 | |
| 5 | 64QAM | 1 | 24 | 22.54 | 22.45 | 22.29 | |
| 5 | 64QAM | 12 | 0 | 21.76 | 21.71 | 21.53 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.77 | 21.70 | 21.55 | |
| 5 | 64QAM | 12 | 13 | 21.78 | 21.70 | 21.51 | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.70 | 21.55 | |
| 5 | 256QAM | 1 | 0 | 19.67 | 19.77 | 19.81 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.64 | 19.63 | 19.56 | |
| 5 | 256QAM | 1 | 24 | 19.72 | 19.55 | 19.49 | |
| 5 | 256QAM | 12 | 0 | 20.02 | 19.86 | 19.87 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.97 | 19.86 | 19.93 | |
| 5 | 256QAM | 12 | 13 | 19.99 | 19.80 | 19.77 | |
| 5 | 256QAM | 25 | 0 | 19.96 | 19.87 | 19.82 | |

## Band 41_Ant 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 | 24.69 | 24.77 | 24.75 | 24.51 | 24.30 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.74 | 24.80 | 24.64 | 24.83 | 24.68 | |
| 20 | QPSK | 1 | 99 | 24.76 | 24.82 | 24.75 | 24.41 | 24.57 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.94 | 23.83 | 23.75 | 23.65 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.90 | 23.95 | 23.83 | 23.87 | 23.77 | |
| 20 | QPSK | 50 | 50 | 23.87 | 23.97 | 23.82 | 23.75 | 23.75 | |
| 20 | QPSK | 100 | 0 | 23.88 | 23.95 | 23.83 | 23.79 | 23.69 | |
| 20 | 16QAM | 1 | 0 | 23.83 | 23.89 | 23.87 | 23.64 | 23.43 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.82 | 23.89 | 23.78 | 23.92 | 23.77 | |
| 20 | 16QAM | 1 | 99 | 23.86 | 23.95 | 23.83 | 23.48 | 23.63 | |
| 20 | 16QAM | 50 | 0 | 22.90 | 22.96 | 22.85 | 22.78 | 22.67 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.99 | 22.88 | 22.93 | 22.81 | |
| 20 | 16QAM | 50 | 50 | 22.91 | 23.00 | 22.87 | 22.80 | 22.79 | |
| 20 | 16QAM | 100 | 0 | 22.89 | 22.98 | 22.87 | 22.83 | 22.72 | |
| 20 | 64QAM | 1 | 0 | 22.54 | 22.57 | 22.50 | 22.28 | 22.12 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.56 | 22.62 | 22.51 | 22.72 | 22.52 | |
| 20 | 64QAM | 1 | 99 | 22.57 | 22.70 | 22.53 | 22.22 | 22.26 | |
| 20 | 64QAM | 50 | 0 | 21.91 | 21.97 | 21.85 | 21.78 | 21.67 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.94 | 22.01 | 21.87 | 21.92 | 21.83 | |
| 20 | 64QAM | 50 | 50 | 21.91 | 21.99 | 21.86 | 21.78 | 21.80 | |
| 20 | 64QAM | 100 | 0 | 21.90 | 21.98 | 21.87 | 21.81 | 21.72 | |
| 20 | 256QAM | 1 | 0 | 19.89 | 19.75 | 19.87 | 19.61 | 19.38 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.75 | 19.71 | 19.77 | 19.75 | 19.73 | |
| 20 | 256QAM | 1 | 99 | 19.79 | 19.81 | 19.82 | 19.26 | 19.59 | |
| 20 | 256QAM | 50 | 0 | 20.10 | 20.10 | 20.14 | 20.00 | 19.87 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.06 | 20.06 | 20.12 | 20.07 | 20.02 | |
| 20 | 256QAM | 50 | 50 | 20.07 | 20.01 | 20.09 | 19.88 | 19.98 | |
| 20 | 256QAM | 100 | 0 | 20.07 | 20.03 | 20.09 | 19.90 | 19.91 | |
| 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 | 24.62 | 24.70 | 24.65 | 24.61 | 24.39 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.63 | 24.72 | 24.60 | 24.74 | 24.63 | |
| 15 | QPSK | 1 | 74 | 24.66 | 24.81 | 24.68 | 24.53 | 24.59 | |
| 15 | QPSK | 36 | 0 | 23.70 | 23.85 | 23.75 | 23.73 | 23.63 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.83 | 23.84 | 23.76 | 23.77 | 23.71 | |
| 15 | QPSK | 36 | 39 | 23.80 | 23.87 | 23.74 | 23.77 | 23.72 | |
| 15 | QPSK | 75 | 0 | 23.79 | 23.86 | 23.77 | 23.72 | 23.66 | |
| 15 | 16QAM | 1 | 0 | 23.76 | 23.84 | 23.76 | 23.77 | 23.52 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.70 | 23.79 | 23.68 | 23.80 | 23.71 | |
| 15 | 16QAM | 1 | 74 | 23.80 | 24.00 | 23.85 | 23.67 | 23.68 | |
| 15 | 16QAM | 36 | 0 | 22.69 | 22.82 | 22.74 | 22.70 | 22.56 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.77 | 22.83 | 22.71 | 22.73 | 22.68 | |
| 15 | 16QAM | 36 | 39 | 22.77 | 22.86 | 22.71 | 22.75 | 22.67 | |
| 15 | 16QAM | 75 | 0 | 22.84 | 22.89 | 22.77 | 22.75 | 22.70 | |
| 15 | 64QAM | 1 | 0 | 22.46 | 22.54 | 22.51 | 22.43 | 22.23 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.52 | 22.58 | 22.45 | 22.66 | 22.47 | |
| 15 | 64QAM | 1 | 74 | 22.53 | 22.74 | 22.53 | 22.41 | 22.36 | |
| 15 | 64QAM | 36 | 0 | 21.75 | 21.90 | 21.79 | 21.76 | 21.64 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.83 | 21.89 | 21.76 | 21.79 | 21.78 | |
| 15 | 64QAM | 36 | 39 | 21.83 | 21.91 | 21.79 | 21.78 | 21.73 | |
| 15 | 64QAM | 75 | 0 | 21.83 | 21.90 | 21.78 | 21.74 | 21.70 | |
| 15 | 256QAM | 1 | 0 | 19.82 | 19.74 | 19.82 | 19.61 | 19.34 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.70 | 19.69 | 19.67 | 19.73 | 19.72 | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.75 | 19.78 | 19.20 | 19.56 | |
| 15 | 256QAM | 36 | 0 | 20.08 | 20.05 | 20.04 | 19.96 | 19.81 | 20.7 |
| 15 | 256QAM | 36 | 20 | 20.04 | 20.02 | 20.07 | 20.02 | 20.01 | |
| 15 | 256QAM | 36 | 39 | 19.98 | 19.95 | 20.03 | 19.80 | 19.90 | |
| 15 | 256QAM | 75 | 0 | 20.04 | 20.00 | 20.05 | 19.80 | 19.91 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 24.65 | 24.69 | 24.64 | 24.45 | 24.41 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.68 | 24.74 | 24.67 | 24.75 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.70 | 24.76 | 24.65 | 24.53 | 24.35 | |
| 10 | QPSK | 25 | 0 | 23.76 | 23.82 | 23.75 | 23.72 | 23.68 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.87 | 23.77 | 23.88 | 23.73 | |
| 10 | QPSK | 25 | 25 | 23.78 | 23.85 | 23.76 | 23.80 | 23.64 | |
| 10 | QPSK | 50 | 0 | 23.78 | 23.87 | 23.77 | 23.79 | 23.67 | |
| 10 | 16QAM | 1 | 0 | 23.80 | 23.84 | 23.79 | 23.65 | 23.56 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.80 | 23.89 | 23.74 | 23.91 | 23.74 | |
| 10 | 16QAM | 1 | 49 | 23.76 | 23.89 | 23.72 | 23.63 | 23.46 | |
| 10 | 16QAM | 25 | 0 | 22.77 | 22.84 | 22.77 | 22.77 | 22.69 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.81 | 22.89 | 22.80 | 22.94 | 22.77 | |
| 10 | 16QAM | 25 | 25 | 22.78 | 22.83 | 22.75 | 22.80 | 22.65 | |
| 10 | 16QAM | 50 | 0 | 22.81 | 22.90 | 22.79 | 22.84 | 22.70 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.51 | 22.47 | 22.35 | 22.28 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.58 | 22.67 | 22.53 | 22.76 | 22.49 | |
| 10 | 64QAM | 1 | 49 | 22.55 | 22.66 | 22.45 | 22.40 | 22.12 | |
| 10 | 64QAM | 25 | 0 | 21.83 | 21.92 | 21.82 | 21.81 | 21.74 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.88 | 21.94 | 21.80 | 21.96 | 21.82 | |
| 10 | 64QAM | 25 | 25 | 21.85 | 21.95 | 21.85 | 21.87 | 21.71 | |
| 10 | 64QAM | 50 | 0 | 21.81 | 21.87 | 21.79 | 21.83 | 21.70 | |
| 10 | 256QAM | 1 | 0 | 19.79 | 19.66 | 19.78 | 19.61 | 19.36 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.69 | 19.62 | 19.77 | 19.66 | 19.69 | |
| 10 | 256QAM | 1 | 49 | 19.78 | 19.81 | 19.80 | 19.24 | 19.54 | |
| 10 | 256QAM | 25 | 0 | 20.07 | 20.05 | 20.05 | 19.96 | 19.84 | 20.7 |
| 10 | 256QAM | 25 | 12 | 20.05 | 19.97 | 20.10 | 20.06 | 19.97 | |
| 10 | 256QAM | 25 | 25 | 19.97 | 20.01 | 20.04 | 19.88 | 19.91 | |
| 10 | 256QAM | 50 | 0 | 20.01 | 20.03 | 20.03 | 19.89 | 19.89 | |
| 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 | 24.67 | 24.69 | 24.59 | 24.70 | 24.58 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.64 | 24.71 | 24.64 | 24.74 | 24.59 | |
| 5 | QPSK | 1 | 24 | 24.62 | 24.69 | 24.61 | 24.70 | 24.54 | |
| 5 | QPSK | 12 | 0 | 23.77 | 23.80 | 23.73 | 23.78 | 23.72 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.76 | 23.87 | 23.77 | 23.83 | 23.73 | |
| 5 | QPSK | 12 | 13 | 23.76 | 23.82 | 23.74 | 23.85 | 23.70 | |
| 5 | QPSK | 25 | 0 | 23.76 | 23.83 | 23.75 | 23.78 | 23.67 | |
| 5 | 16QAM | 1 | 0 | 23.78 | 23.84 | 23.75 | 23.82 | 23.74 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.81 | 23.87 | 23.84 | 23.96 | 23.85 | |
| 5 | 16QAM | 1 | 24 | 23.83 | 23.87 | 23.80 | 23.89 | 23.71 | |
| 5 | 16QAM | 12 | 0 | 22.76 | 22.81 | 22.73 | 22.81 | 22.70 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.83 | 22.72 | 22.81 | 22.72 | |
| 5 | 16QAM | 12 | 13 | 22.76 | 22.80 | 22.74 | 22.81 | 22.68 | |
| 5 | 16QAM | 25 | 0 | 22.80 | 22.88 | 22.80 | 22.83 | 22.72 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.62 | 22.50 | 22.64 | 22.50 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.59 | 22.66 | 22.50 | 22.73 | 22.50 | |
| 5 | 64QAM | 1 | 24 | 22.59 | 22.65 | 22.52 | 22.67 | 22.44 | |
| 5 | 64QAM | 12 | 0 | 21.80 | 21.87 | 21.77 | 21.85 | 21.73 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.82 | 21.92 | 21.83 | 21.86 | 21.79 | |
| 5 | 64QAM | 12 | 13 | 21.80 | 21.89 | 21.79 | 21.89 | 21.72 | |
| 5 | 64QAM | 25 | 0 | 21.83 | 21.89 | 21.83 | 21.86 | 21.75 | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.73 | 19.81 | 19.53 | 19.33 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.75 | 19.65 | 19.69 | 19.73 | 19.73 | |
| 5 | 256QAM | 1 | 24 | 19.71 | 19.78 | 19.75 | 19.26 | 19.56 | |
| 5 | 256QAM | 12 | 0 | 20.04 | 20.09 | 20.06 | 19.99 | 19.82 | 20.7 |
| 5 | 256QAM | 12 | 7 | 20.02 | 20.03 | 20.02 | 20.00 | 20.02 | |
| 5 | 256QAM | 12 | 13 | 20.06 | 19.92 | 20.01 | 19.81 | 19.95 | |
| 5 | 256QAM | 25 | 0 | 20.05 | 19.96 | 20.02 | 19.86 | 19.89 | |

## Band 41 HPUE_Ant 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 26.30 | 26.35 | 26.33 | 26.26 | 26.05 | 27.5 |
| 20 | QPSK | 1 | 49 | 26.27 | 26.36 | 26.26 | 26.54 | 26.41 | |
| 20 | QPSK | 1 | 99 | 26.30 | 26.39 | 26.30 | 26.14 | 26.28 | |
| 20 | QPSK | 50 | 0 | 25.57 | 25.64 | 25.54 | 25.60 | 25.48 | 26.5 |
| 20 | QPSK | 50 | 24 | 25.57 | 25.67 | 25.57 | 25.77 | 25.66 | |
| 20 | QPSK | 50 | 50 | 25.57 | 25.66 | 25.54 | 25.60 | 25.63 | |
| 20 | QPSK | 100 | 0 | 25.57 | 25.66 | 25.54 | 25.63 | 25.56 | |
| 20 | 16QAM | 1 | 0 | 25.67 | 25.72 | 25.71 | 25.67 | 25.42 | 26.5 |
| 20 | 16QAM | 1 | 49 | 25.66 | 25.72 | 25.63 | 25.89 | 25.80 | |
| 20 | 16QAM | 1 | 99 | 25.64 | 25.73 | 25.63 | 25.49 | 25.63 | |
| 20 | 16QAM | 50 | 0 | 24.61 | 24.68 | 24.57 | 24.63 | 24.53 | 25.5 |
| 20 | 16QAM | 50 | 24 | 24.61 | 24.68 | 24.58 | 24.81 | 24.66 | |
| 20 | 16QAM | 50 | 50 | 24.61 | 24.70 | 24.56 | 24.65 | 24.66 | |
| 20 | 16QAM | 100 | 0 | 24.62 | 24.68 | 24.56 | 24.67 | 24.59 | |
| 20 | 64QAM | 1 | 0 | 24.48 | 24.50 | 24.49 | 24.46 | 24.28 | 25.5 |
| 20 | 64QAM | 1 | 49 | 24.51 | 24.58 | 24.45 | 24.80 | 24.64 | |
| 20 | 64QAM | 1 | 99 | 24.50 | 24.61 | 24.52 | 24.38 | 23.91 | |
| 20 | 64QAM | 50 | 0 | 23.61 | 23.68 | 23.59 | 23.65 | 23.52 | 24.5 |
| 20 | 64QAM | 50 | 24 | 23.63 | 23.70 | 23.58 | 23.77 | 23.66 | |
| 20 | 64QAM | 50 | 50 | 23.63 | 23.71 | 23.58 | 23.66 | 23.52 | |
| 20 | 64QAM | 100 | 0 | 23.62 | 23.69 | 23.57 | 23.68 | 23.59 | |
| 20 | 256QAM | 1 | 0 | 21.75 | 21.79 | 21.84 | 21.77 | 21.50 | 22.5 |
| 20 | 256QAM | 1 | 49 | 21.64 | 21.68 | 21.70 | 21.92 | 21.84 | |
| 20 | 256QAM | 1 | 99 | 21.73 | 21.77 | 21.75 | 21.49 | 21.84 | |
| 20 | 256QAM | 50 | 0 | 21.89 | 21.91 | 21.91 | 21.92 | 21.78 | 22.5 |
| 20 | 256QAM | 50 | 24 | 21.88 | 21.88 | 21.92 | 22.01 | 21.90 | |
| 20 | 256QAM | 50 | 50 | 21.81 | 21.86 | 21.85 | 21.82 | 21.86 | |
| 20 | 256QAM | 100 | 0 | 21.84 | 21.83 | 21.88 | 21.88 | 21.79 | |
| 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 | 26.33 | 26.41 | 26.38 | 26.49 | 26.25 | 27.5 |
| 15 | QPSK | 1 | 37 | 26.34 | 26.43 | 26.33 | 26.51 | 26.50 | |
| 15 | QPSK | 1 | 74 | 26.38 | 26.52 | 26.42 | 26.40 | 26.43 | |
| 15 | QPSK | 36 | 0 | 25.47 | 25.61 | 25.54 | 25.63 | 25.53 | 26.5 |
| 15 | QPSK | 36 | 20 | 25.56 | 25.63 | 25.55 | 25.68 | 25.62 | |
| 15 | QPSK | 36 | 39 | 25.56 | 25.63 | 25.52 | 25.65 | 25.61 | |
| 15 | QPSK | 75 | 0 | 25.56 | 25.63 | 25.53 | 25.63 | 25.59 | |
| 15 | 16QAM | 1 | 0 | 25.60 | 25.71 | 25.67 | 25.78 | 25.56 | 26.5 |
| 15 | 16QAM | 1 | 37 | 25.59 | 25.68 | 25.58 | 25.86 | 25.74 | |
| 15 | 16QAM | 1 | 74 | 25.66 | 25.82 | 25.71 | 25.70 | 25.68 | |
| 15 | 16QAM | 36 | 0 | 24.46 | 24.58 | 24.50 | 24.63 | 24.49 | 25.5 |
| 15 | 16QAM | 36 | 20 | 24.53 | 24.58 | 24.50 | 24.65 | 24.61 | |
| 15 | 16QAM | 36 | 39 | 24.55 | 24.62 | 24.50 | 24.66 | 24.60 | |
| 15 | 16QAM | 75 | 0 | 24.57 | 24.63 | 24.53 | 24.63 | 24.58 | |
| 15 | 64QAM | 1 | 0 | 24.41 | 24.51 | 24.49 | 24.61 | 24.39 | 25.5 |
| 15 | 64QAM | 1 | 37 | 24.51 | 24.58 | 24.48 | 24.81 | 24.51 | |
| 15 | 64QAM | 1 | 74 | 24.51 | 24.71 | 24.58 | 24.51 | 24.18 | |
| 15 | 64QAM | 36 | 0 | 23.49 | 23.62 | 23.55 | 23.65 | 23.54 | 24.5 |
| 15 | 64QAM | 36 | 20 | 23.58 | 23.66 | 23.54 | 23.70 | 23.56 | |
| 15 | 64QAM | 36 | 39 | 23.58 | 23.65 | 23.54 | 23.69 | 23.49 | |
| 15 | 64QAM | 75 | 0 | 23.58 | 23.66 | 23.55 | 23.65 | 23.58 | |
| 15 | 256QAM | 1 | 0 | 21.66 | 21.79 | 21.76 | 21.76 | 21.41 | 22.5 |
| 15 | 256QAM | 1 | 37 | 21.58 | 21.64 | 21.60 | 21.92 | 21.80 | |
| 15 | 256QAM | 1 | 74 | 21.71 | 21.71 | 21.67 | 21.46 | 21.84 | |
| 15 | 256QAM | 36 | 0 | 21.88 | 21.81 | 21.89 | 21.82 | 21.74 | 22.5 |
| 15 | 256QAM | 36 | 20 | 21.81 | 21.78 | 21.88 | 21.96 | 21.86 | |
| 15 | 256QAM | 36 | 39 | 21.75 | 21.76 | 21.85 | 21.75 | 21.86 | |
| 15 | 256QAM | 75 | 0 | 21.80 | 21.76 | 21.88 | 21.85 | 21.71 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 26.36 | 26.35 | 26.40 | 26.29 | 26.24 | 27.5 |
| 10 | QPSK | 1 | 25 | 26.33 | 26.42 | 26.32 | 26.53 | 26.40 | |
| 10 | QPSK | 1 | 49 | 26.43 | 26.51 | 26.33 | 26.40 | 26.12 | |
| 10 | QPSK | 25 | 0 | 25.55 | 25.63 | 25.54 | 25.64 | 25.59 | 26.5 |
| 10 | QPSK | 25 | 12 | 25.57 | 25.67 | 25.59 | 25.80 | 25.67 | |
| 10 | QPSK | 25 | 25 | 25.57 | 25.66 | 25.54 | 25.72 | 25.56 | |
| 10 | QPSK | 50 | 0 | 25.57 | 25.66 | 25.54 | 25.73 | 25.57 | |
| 10 | 16QAM | 1 | 0 | 25.77 | 25.77 | 25.75 | 25.66 | 25.62 | 26.5 |
| 10 | 16QAM | 1 | 25 | 25.71 | 25.80 | 25.71 | 25.92 | 25.77 | |
| 10 | 16QAM | 1 | 49 | 25.74 | 25.84 | 25.71 | 25.71 | 25.52 | |
| 10 | 16QAM | 25 | 0 | 24.54 | 24.62 | 24.58 | 24.68 | 24.64 | 25.5 |
| 10 | 16QAM | 25 | 12 | 24.59 | 24.70 | 24.61 | 24.86 | 24.71 | |
| 10 | 16QAM | 25 | 25 | 24.55 | 24.63 | 24.53 | 24.73 | 24.58 | |
| 10 | 16QAM | 50 | 0 | 24.59 | 24.70 | 24.59 | 24.75 | 24.61 | |
| 10 | 64QAM | 1 | 0 | 24.68 | 24.65 | 24.64 | 24.52 | 24.48 | 25.5 |
| 10 | 64QAM | 1 | 25 | 24.64 | 24.80 | 24.61 | 24.80 | 24.52 | |
| 10 | 64QAM | 1 | 49 | 24.65 | 24.75 | 24.62 | 24.60 | 24.21 | |
| 10 | 64QAM | 25 | 0 | 23.65 | 23.70 | 23.64 | 23.72 | 23.63 | 24.5 |
| 10 | 64QAM | 25 | 12 | 23.67 | 23.75 | 23.67 | 23.91 | 23.59 | |
| 10 | 64QAM | 25 | 25 | 23.63 | 23.73 | 23.62 | 23.79 | 23.48 | |
| 10 | 64QAM | 50 | 0 | 23.59 | 23.66 | 23.61 | 23.77 | 23.48 | |
| 10 | 256QAM | 1 | 0 | 21.68 | 21.71 | 21.77 | 21.67 | 21.44 | 22.5 |
| 10 | 256QAM | 1 | 25 | 21.64 | 21.60 | 21.70 | 21.89 | 21.83 | |
| 10 | 256QAM | 1 | 49 | 21.65 | 21.75 | 21.66 | 21.47 | 21.78 | |
| 10 | 256QAM | 25 | 0 | 21.88 | 21.81 | 21.90 | 21.89 | 21.73 | 22.5 |
| 10 | 256QAM | 25 | 12 | 21.80 | 21.86 | 21.90 | 21.94 | 21.87 | |
| 10 | 256QAM | 25 | 25 | 21.76 | 21.78 | 21.76 | 21.72 | 21.78 | |
| 10 | 256QAM | 50 | 0 | 21.82 | 21.83 | 21.80 | 21.85 | 21.73 | |
| 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 | 26.38 | 26.43 | 26.36 | 26.53 | 26.46 | 27.5 |
| 5 | QPSK | 1 | 12 | 26.38 | 26.46 | 26.40 | 26.52 | 26.46 | |
| 5 | QPSK | 1 | 24 | 26.40 | 26.43 | 26.34 | 26.51 | 26.38 | |
| 5 | QPSK | 12 | 0 | 25.55 | 25.62 | 25.54 | 25.72 | 25.61 | 26.5 |
| 5 | QPSK | 12 | 7 | 25.61 | 25.64 | 25.56 | 25.75 | 25.67 | |
| 5 | QPSK | 12 | 13 | 25.57 | 25.64 | 25.55 | 25.76 | 25.64 | |
| 5 | QPSK | 25 | 0 | 25.52 | 25.61 | 25.54 | 25.69 | 25.59 | |
| 5 | 16QAM | 1 | 0 | 25.76 | 25.78 | 25.72 | 25.84 | 25.78 | 26.5 |
| 5 | 16QAM | 1 | 12 | 25.70 | 25.80 | 25.73 | 25.91 | 25.74 | |
| 5 | 16QAM | 1 | 24 | 25.72 | 25.81 | 25.76 | 25.90 | 25.73 | |
| 5 | 16QAM | 12 | 0 | 24.59 | 24.64 | 24.58 | 24.76 | 24.65 | 25.5 |
| 5 | 16QAM | 12 | 7 | 24.62 | 24.69 | 24.64 | 24.76 | 24.72 | |
| 5 | 16QAM | 12 | 13 | 24.58 | 24.67 | 24.60 | 24.80 | 24.64 | |
| 5 | 16QAM | 25 | 0 | 24.60 | 24.65 | 24.60 | 24.76 | 24.68 | |
| 5 | 64QAM | 1 | 0 | 24.61 | 24.66 | 24.60 | 24.75 | 24.57 | 25.5 |
| 5 | 64QAM | 1 | 12 | 24.60 | 24.69 | 24.61 | 24.84 | 24.52 | |
| 5 | 64QAM | 1 | 24 | 24.63 | 24.71 | 24.65 | 24.82 | 24.44 | |
| 5 | 64QAM | 12 | 0 | 23.60 | 23.65 | 23.57 | 23.78 | 23.59 | 24.5 |
| 5 | 64QAM | 12 | 7 | 23.65 | 23.73 | 23.65 | 23.82 | 23.58 | |
| 5 | 64QAM | 12 | 13 | 23.59 | 23.70 | 23.59 | 23.83 | 23.53 | |
| 5 | 64QAM | 25 | 0 | 23.60 | 23.70 | 23.63 | 23.81 | 23.53 | |
| 5 | 256QAM | 1 | 0 | 21.74 | 21.71 | 21.78 | 21.74 | 21.45 | 22.5 |
| 5 | 256QAM | 1 | 12 | 21.59 | 21.58 | 21.66 | 21.91 | 21.77 | |
| 5 | 256QAM | 1 | 24 | 21.68 | 21.67 | 21.67 | 21.49 | 21.77 | |
| 5 | 256QAM | 12 | 0 | 21.81 | 21.90 | 21.81 | 21.89 | 21.71 | 22.5 |
| 5 | 256QAM | 12 | 7 | 21.88 | 21.79 | 21.85 | 21.91 | 21.83 | |
| 5 | 256QAM | 12 | 13 | 21.71 | 21.78 | 21.75 | 21.75 | 21.82 | |
| 5 | 256QAM | 25 | 0 | 21.74 | 21.77 | 21.79 | 21.83 | 21.79 | |

## Band 48_Ant 7

| 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 | 24.12 | 24.37 | 24.52 | 24.44 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.04 | 24.21 | 24.31 | 24.22 | |
| 20 | QPSK | 1 | 99 | 24.05 | 24.23 | 24.24 | 24.14 | |
| 20 | QPSK | 50 | 0 | 23.22 | 23.42 | 23.53 | 23.47 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.19 | 23.40 | 23.48 | 23.42 | |
| 20 | QPSK | 50 | 50 | 23.13 | 23.33 | 23.34 | 23.24 | |
| 20 | QPSK | 100 | 0 | 23.17 | 23.37 | 23.48 | 23.40 | |
| 20 | 16QAM | 1 | 0 | 23.25 | 23.46 | 23.65 | 23.57 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.11 | 23.29 | 23.41 | 23.31 | |
| 20 | 16QAM | 1 | 99 | 23.13 | 23.33 | 23.37 | 23.28 | |
| 20 | 16QAM | 50 | 0 | 22.24 | 22.44 | 22.57 | 22.50 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.21 | 22.42 | 22.53 | 22.44 | |
| 20 | 16QAM | 50 | 50 | 22.16 | 22.37 | 22.37 | 22.27 | |
| 20 | 16QAM | 100 | 0 | 22.18 | 22.41 | 22.49 | 22.40 | |
| 20 | 64QAM | 1 | 0 | 21.89 | 22.14 | 22.35 | 22.28 | 23.7 |
| 20 | 64QAM | 1 | 49 | 21.85 | 22.07 | 22.17 | 22.06 | |
| 20 | 64QAM | 1 | 99 | 21.92 | 22.08 | 22.07 | 21.95 | |
| 20 | 64QAM | 50 | 0 | 21.26 | 21.47 | 21.57 | 21.50 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.22 | 21.44 | 21.52 | 21.42 | |
| 20 | 64QAM | 50 | 50 | 21.16 | 21.38 | 21.38 | 21.29 | |
| 20 | 64QAM | 100 | 0 | 21.18 | 21.40 | 21.50 | 21.42 | |
| 20 | 256QAM | 1 | 0 | 19.23 | 19.31 | 19.59 | 19.41 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.18 | 19.33 | 19.49 | 19.30 | |
| 20 | 256QAM | 1 | 99 | 19.30 | 19.51 | 19.56 | 19.37 | |
| 20 | 256QAM | 50 | 0 | 19.52 | 19.64 | 19.80 | 19.64 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.52 | 19.69 | 19.84 | 19.63 | |
| 20 | 256QAM | 50 | 50 | 19.54 | 19.69 | 19.77 | 19.61 | |
| 20 | 256QAM | 100 | 0 | 19.47 | 19.64 | 19.77 | 19.63 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 24.05 | 24.28 | 24.40 | 24.34 | 25.7 |
| 15 | QPSK | 1 | 37 | 23.97 | 24.19 | 24.30 | 24.20 | |
| 15 | QPSK | 1 | 74 | 23.99 | 24.21 | 24.29 | 24.17 | |
| 15 | QPSK | 36 | 0 | 23.18 | 23.39 | 23.50 | 23.44 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.12 | 23.36 | 23.46 | 23.36 | |
| 15 | QPSK | 36 | 39 | 23.09 | 23.32 | 23.34 | 23.31 | |
| 15 | QPSK | 75 | 0 | 23.13 | 23.37 | 23.49 | 23.40 | |
| 15 | 16QAM | 1 | 0 | 23.20 | 23.43 | 23.55 | 23.48 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.02 | 23.23 | 23.35 | 23.26 | |
| 15 | 16QAM | 1 | 74 | 23.20 | 23.39 | 23.45 | 23.31 | |
| 15 | 16QAM | 36 | 0 | 22.14 | 22.37 | 22.48 | 22.37 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.32 | 22.42 | 22.33 | |
| 15 | 16QAM | 36 | 39 | 22.07 | 22.29 | 22.30 | 22.29 | |
| 15 | 16QAM | 75 | 0 | 22.18 | 22.38 | 22.47 | 22.36 | |
| 15 | 64QAM | 1 | 0 | 21.92 | 22.08 | 22.26 | 22.21 | 23.7 |
| 15 | 64QAM | 1 | 37 | 21.83 | 22.04 | 22.15 | 22.06 | |
| 15 | 64QAM | 1 | 74 | 21.89 | 22.13 | 22.14 | 22.01 | |
| 15 | 64QAM | 36 | 0 | 21.21 | 21.41 | 21.53 | 21.46 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.16 | 21.40 | 21.49 | 21.37 | |
| 15 | 64QAM | 36 | 39 | 21.12 | 21.35 | 21.36 | 21.33 | |
| 15 | 64QAM | 75 | 0 | 21.18 | 21.41 | 21.49 | 21.39 | |
| 15 | 256QAM | 1 | 0 | 19.17 | 19.24 | 19.56 | 19.33 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.09 | 19.24 | 19.41 | 19.25 | |
| 15 | 256QAM | 1 | 74 | 19.24 | 19.49 | 19.56 | 19.30 | |
| 15 | 256QAM | 36 | 0 | 19.47 | 19.58 | 19.71 | 19.63 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.52 | 19.64 | 19.76 | 19.60 | |
| 15 | 256QAM | 36 | 39 | 19.52 | 19.60 | 19.77 | 19.51 | |
| 15 | 256QAM | 75 | 0 | 19.46 | 19.56 | 19.72 | 19.58 | |
| Channel | | | | 55290 | 55815 | 56160 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 23.95 | 24.26 | 24.38 | 24.30 | 25.7 |
| 10 | QPSK | 1 | 25 | 23.89 | 24.10 | 24.28 | 24.16 | |
| 10 | QPSK | 1 | 49 | 23.93 | 24.20 | 24.19 | 24.15 | |
| 10 | QPSK | 25 | 0 | 23.13 | 23.31 | 23.40 | 23.37 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.10 | 23.35 | 23.44 | 23.27 | |
| 10 | QPSK | 25 | 25 | 23.00 | 23.26 | 23.33 | 23.25 | |
| 10 | QPSK | 50 | 0 | 23.06 | 23.32 | 23.45 | 23.31 | |
| 10 | 16QAM | 1 | 0 | 23.18 | 23.37 | 23.52 | 23.40 | 24.7 |
| 10 | 16QAM | 1 | 25 | 22.94 | 23.18 | 23.31 | 23.22 | |
| 10 | 16QAM | 1 | 49 | 23.15 | 23.34 | 23.37 | 23.22 | |
| 10 | 16QAM | 25 | 0 | 22.09 | 22.30 | 22.45 | 22.32 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.09 | 22.25 | 22.37 | 22.32 | |
| 10 | 16QAM | 25 | 25 | 22.04 | 22.25 | 22.27 | 22.19 | |
| 10 | 16QAM | 50 | 0 | 22.08 | 22.31 | 22.39 | 22.38 | |
| 10 | 64QAM | 1 | 0 | 21.83 | 22.06 | 22.18 | 22.13 | 23.7 |
| 10 | 64QAM | 1 | 25 | 21.76 | 21.99 | 22.13 | 21.96 | |
| 10 | 64QAM | 1 | 49 | 21.83 | 22.09 | 22.10 | 21.97 | |
| 10 | 64QAM | 25 | 0 | 21.14 | 21.41 | 21.48 | 21.41 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.33 | 21.42 | 21.35 | |
| 10 | 64QAM | 25 | 25 | 21.12 | 21.34 | 21.30 | 21.25 | |
| 10 | 64QAM | 50 | 0 | 21.14 | 21.36 | 21.44 | 21.31 | |
| 10 | 256QAM | 1 | 0 | 19.21 | 19.26 | 19.56 | 19.34 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.13 | 19.32 | 19.43 | 19.29 | |
| 10 | 256QAM | 1 | 49 | 19.21 | 19.51 | 19.53 | 19.35 | |
| 10 | 256QAM | 25 | 0 | 19.52 | 19.59 | 19.74 | 19.63 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.51 | 19.69 | 19.77 | 19.53 | |
| 10 | 256QAM | 25 | 25 | 19.46 | 19.68 | 19.76 | 19.58 | |
| 10 | 256QAM | 50 | 0 | 19.39 | 19.56 | 19.74 | 19.62 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 24.05 | 24.18 | 24.33 | 24.31 | 25.7 |
| 5 | QPSK | 1 | 12 | 23.94 | 24.16 | 24.22 | 24.18 | |
| 5 | QPSK | 1 | 24 | 23.93 | 24.14 | 24.25 | 24.10 | |
| 5 | QPSK | 12 | 0 | 23.09 | 23.35 | 23.45 | 23.43 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.04 | 23.28 | 23.38 | 23.28 | |
| 5 | QPSK | 12 | 13 | 23.07 | 23.31 | 23.33 | 23.22 | |
| 5 | QPSK | 25 | 0 | 23.12 | 23.33 | 23.41 | 23.38 | |
| 5 | 16QAM | 1 | 0 | 23.18 | 23.35 | 23.54 | 23.40 | 24.7 |
| 5 | 16QAM | 1 | 12 | 22.96 | 23.22 | 23.30 | 23.18 | |
| 5 | 16QAM | 1 | 24 | 23.13 | 23.30 | 23.39 | 23.29 | |
| 5 | 16QAM | 12 | 0 | 22.08 | 22.27 | 22.40 | 22.32 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.06 | 22.32 | 22.42 | 22.25 | |
| 5 | 16QAM | 12 | 13 | 21.98 | 22.26 | 22.24 | 22.20 | |
| 5 | 16QAM | 25 | 0 | 22.18 | 22.38 | 22.38 | 22.28 | |
| 5 | 64QAM | 1 | 0 | 21.91 | 22.01 | 22.17 | 22.12 | 23.7 |
| 5 | 64QAM | 1 | 12 | 21.74 | 22.01 | 22.05 | 22.06 | |
| 5 | 64QAM | 1 | 24 | 21.80 | 22.13 | 22.08 | 21.91 | |
| 5 | 64QAM | 12 | 0 | 21.15 | 21.31 | 21.46 | 21.41 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.07 | 21.35 | 21.49 | 21.31 | |
| 5 | 64QAM | 12 | 13 | 21.12 | 21.34 | 21.29 | 21.28 | |
| 5 | 64QAM | 25 | 0 | 21.11 | 21.40 | 21.49 | 21.33 | |
| 5 | 256QAM | 1 | 0 | 19.14 | 19.26 | 19.52 | 19.34 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.15 | 19.32 | 19.49 | 19.29 | |
| 5 | 256QAM | 1 | 24 | 19.25 | 19.45 | 19.56 | 19.27 | |
| 5 | 256QAM | 12 | 0 | 19.52 | 19.55 | 19.75 | 19.55 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.52 | 19.69 | 19.77 | 19.62 | |
| 5 | 256QAM | 12 | 13 | 19.45 | 19.62 | 19.70 | 19.59 | |
| 5 | 256QAM | 25 | 0 | 19.37 | 19.61 | 19.68 | 19.61 | |

## Band 38_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 23.42 | 23.33 | 23.25 | 25.2 |
| 20 | QPSK | 1 | 49 | 23.42 | 23.35 | 23.27 | |
| 20 | QPSK | 1 | 99 | 23.40 | 23.28 | 23.29 | |
| 20 | QPSK | 50 | 0 | 22.59 | 22.42 | 22.40 | 24.2 |
| 20 | QPSK | 50 | 24 | 22.55 | 22.42 | 22.42 | |
| 20 | QPSK | 50 | 50 | 22.55 | 22.42 | 22.40 | |
| 20 | QPSK | 100 | 0 | 22.56 | 22.41 | 22.42 | |
| 20 | 16QAM | 1 | 0 | 22.57 | 22.48 | 22.40 | 24.2 |
| 20 | 16QAM | 1 | 49 | 22.52 | 22.48 | 22.37 | |
| 20 | 16QAM | 1 | 99 | 22.57 | 22.47 | 22.44 | |
| 20 | 16QAM | 50 | 0 | 21.62 | 21.45 | 21.44 | 23.2 |
| 20 | 16QAM | 50 | 24 | 21.59 | 21.44 | 21.44 | |
| 20 | 16QAM | 50 | 50 | 21.59 | 21.44 | 21.45 | |
| 20 | 16QAM | 100 | 0 | 21.59 | 21.44 | 21.44 | |
| 20 | 64QAM | 1 | 0 | 21.28 | 21.22 | 21.22 | 23.2 |
| 20 | 64QAM | 1 | 49 | 21.33 | 21.26 | 21.15 | |
| 20 | 64QAM | 1 | 99 | 21.37 | 21.23 | 21.19 | |
| 20 | 64QAM | 50 | 0 | 20.62 | 20.46 | 20.44 | 22.2 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.47 | 20.45 | |
| 20 | 64QAM | 50 | 50 | 20.59 | 20.45 | 20.44 | |
| 20 | 64QAM | 100 | 0 | 20.60 | 20.42 | 20.44 | |
| 20 | 256QAM | 1 | 0 | 18.46 | 18.38 | 18.36 | 20.2 |
| 20 | 256QAM | 1 | 49 | 18.35 | 18.26 | 18.27 | |
| 20 | 256QAM | 1 | 99 | 18.34 | 18.15 | 18.14 | |
| 20 | 256QAM | 50 | 0 | 18.71 | 18.52 | 18.50 | 20.2 |
| 20 | 256QAM | 50 | 24 | 18.68 | 18.51 | 18.45 | |
| 20 | 256QAM | 50 | 50 | 18.63 | 18.39 | 18.33 | |
| 20 | 256QAM | 100 | 0 | 18.62 | 18.47 | 18.46 | |
| Channel | | | | 37925 | 38000 | 38075 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 23.38 | 23.28 | 23.21 | 25.2 |
| 15 | QPSK | 1 | 37 | 23.40 | 23.26 | 23.22 | |
| 15 | QPSK | 1 | 74 | 23.34 | 23.23 | 23.27 | |
| 15 | QPSK | 36 | 0 | 22.56 | 22.34 | 22.34 | 24.2 |
| 15 | QPSK | 36 | 20 | 22.55 | 22.39 | 22.39 | |
| 15 | QPSK | 36 | 39 | 22.46 | 22.42 | 22.30 | |
| 15 | QPSK | 75 | 0 | 22.49 | 22.31 | 22.40 | |
| 15 | 16QAM | 1 | 0 | 22.47 | 22.45 | 22.34 | 24.2 |
| 15 | 16QAM | 1 | 37 | 22.42 | 22.39 | 22.28 | |
| 15 | 16QAM | 1 | 74 | 22.54 | 22.39 | 22.37 | |
| 15 | 16QAM | 36 | 0 | 21.59 | 21.41 | 21.44 | 23.2 |
| 15 | 16QAM | 36 | 20 | 21.49 | 21.37 | 21.41 | |
| 15 | 16QAM | 36 | 39 | 21.58 | 21.37 | 21.39 | |
| 15 | 16QAM | 75 | 0 | 21.51 | 21.44 | 21.38 | |
| 15 | 64QAM | 1 | 0 | 21.26 | 21.23 | 21.21 | 23.2 |
| 15 | 64QAM | 1 | 37 | 21.31 | 21.23 | 21.22 | |
| 15 | 64QAM | 1 | 74 | 21.32 | 21.23 | 21.23 | |
| 15 | 64QAM | 36 | 0 | 20.57 | 20.44 | 20.40 | 22.2 |
| 15 | 64QAM | 36 | 20 | 20.61 | 20.43 | 20.37 | |
| 15 | 64QAM | 36 | 39 | 20.50 | 20.45 | 20.37 | |
| 15 | 64QAM | 75 | 0 | 20.54 | 20.37 | 20.39 | |
| 15 | 256QAM | 1 | 0 | 18.39 | 18.31 | 18.30 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.31 | 18.26 | 18.25 | |
| 15 | 256QAM | 1 | 74 | 18.32 | 18.23 | 18.23 | |
| 15 | 256QAM | 36 | 0 | 18.61 | 18.45 | 18.46 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.63 | 18.47 | 18.35 | |
| 15 | 256QAM | 36 | 39 | 18.53 | 18.38 | 18.31 | |
| 15 | 256QAM | 75 | 0 | 18.61 | 18.47 | 18.38 | |
| Channel | | | | 37900 | 38000 | 38100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 23.38 | 23.27 | 23.21 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.34 | 23.34 | 23.27 | |
| 10 | QPSK | 1 | 49 | 23.31 | 23.28 | 23.24 | |
| 10 | QPSK | 25 | 0 | 22.55 | 22.41 | 22.36 | 24.2 |
| 10 | QPSK | 25 | 12 | 22.53 | 22.36 | 22.33 | |
| 10 | QPSK | 25 | 25 | 22.53 | 22.38 | 22.35 | |
| 10 | QPSK | 50 | 0 | 22.51 | 22.38 | 22.36 | |
| 10 | 16QAM | 1 | 0 | 22.47 | 22.38 | 22.31 | 24.2 |
| 10 | 16QAM | 1 | 25 | 22.44 | 22.39 | 22.37 | |
| 10 | 16QAM | 1 | 49 | 22.54 | 22.46 | 22.34 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.43 | 21.42 | 23.2 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.35 | 21.34 | |
| 10 | 16QAM | 25 | 25 | 21.53 | 21.44 | 21.44 | |
| 10 | 16QAM | 50 | 0 | 21.52 | 21.40 | 21.42 | |
| 10 | 64QAM | 1 | 0 | 21.27 | 21.22 | 21.22 | 23.2 |
| 10 | 64QAM | 1 | 25 | 21.27 | 21.22 | 21.22 | |
| 10 | 64QAM | 1 | 49 | 21.33 | 21.21 | 21.23 | |
| 10 | 64QAM | 25 | 0 | 20.62 | 20.41 | 20.35 | 22.2 |
| 10 | 64QAM | 25 | 12 | 20.58 | 20.44 | 20.35 | |
| 10 | 64QAM | 25 | 25 | 20.55 | 20.42 | 20.38 | |
| 10 | 64QAM | 50 | 0 | 20.55 | 20.36 | 20.37 | |
| 10 | 256QAM | 1 | 0 | 18.39 | 18.31 | 18.32 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.28 | 18.24 | 18.21 | |
| 10 | 256QAM | 1 | 49 | 18.31 | 18.24 | 18.22 | |
| 10 | 256QAM | 25 | 0 | 18.64 | 18.42 | 18.46 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.64 | 18.43 | 18.35 | |
| 10 | 256QAM | 25 | 25 | 18.56 | 18.30 | 18.24 | |
| 10 | 256QAM | 50 | 0 | 18.58 | 18.41 | 18.45 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 23.39 | 23.24 | 23.25 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.41 | 23.28 | 23.20 | |
| 5 | QPSK | 1 | 24 | 23.32 | 23.21 | 23.21 | |
| 5 | QPSK | 12 | 0 | 22.56 | 22.34 | 22.31 | 24.2 |
| 5 | QPSK | 12 | 7 | 22.48 | 22.36 | 22.35 | |
| 5 | QPSK | 12 | 13 | 22.55 | 22.32 | 22.36 | |
| 5 | QPSK | 25 | 0 | 22.53 | 22.41 | 22.37 | |
| 5 | 16QAM | 1 | 0 | 22.47 | 22.42 | 22.38 | 24.2 |
| 5 | 16QAM | 1 | 12 | 22.44 | 22.44 | 22.28 | |
| 5 | 16QAM | 1 | 24 | 22.54 | 22.42 | 22.39 | |
| 5 | 16QAM | 12 | 0 | 21.54 | 21.43 | 21.37 | 23.2 |
| 5 | 16QAM | 12 | 7 | 21.59 | 21.36 | 21.44 | |
| 5 | 16QAM | 12 | 13 | 21.59 | 21.43 | 21.36 | |
| 5 | 16QAM | 25 | 0 | 21.59 | 21.40 | 21.34 | |
| 5 | 64QAM | 1 | 0 | 21.20 | 21.25 | 21.22 | 23.2 |
| 5 | 64QAM | 1 | 12 | 21.31 | 21.23 | 21.23 | |
| 5 | 64QAM | 1 | 24 | 21.30 | 21.23 | 21.21 | |
| 5 | 64QAM | 12 | 0 | 20.54 | 20.39 | 20.38 | 22.2 |
| 5 | 64QAM | 12 | 7 | 20.56 | 20.37 | 20.35 | |
| 5 | 64QAM | 12 | 13 | 20.53 | 20.45 | 20.38 | |
| 5 | 64QAM | 25 | 0 | 20.60 | 20.35 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 18.45 | 18.37 | 18.34 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.28 | 18.24 | 18.27 | |
| 5 | 256QAM | 1 | 24 | 18.28 | 18.20 | 18.22 | |
| 5 | 256QAM | 12 | 0 | 18.63 | 18.51 | 18.40 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.63 | 18.42 | 18.42 | |
| 5 | 256QAM | 12 | 13 | 18.56 | 18.39 | 18.27 | |
| 5 | 256QAM | 25 | 0 | 18.52 | 18.39 | 18.45 | |

## Band 41_Ant 0

| 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 23.93 | 23.99 | 23.83 | 23.74 | 23.72 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.99 | 24.01 | 23.84 | 24.09 | 24.02 | |
| 20 | QPSK | 1 | 99 | 23.98 | 23.99 | 23.83 | 23.76 | 23.94 | |
| 20 | QPSK | 50 | 0 | 23.16 | 23.19 | 22.95 | 22.97 | 22.98 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.18 | 23.19 | 22.94 | 23.12 | 23.13 | |
| 20 | QPSK | 50 | 50 | 23.14 | 23.18 | 22.93 | 23.03 | 23.11 | |
| 20 | QPSK | 100 | 0 | 23.15 | 23.19 | 22.95 | 23.03 | 23.05 | |
| 20 | 16QAM | 1 | 0 | 23.11 | 23.13 | 22.97 | 22.85 | 22.72 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.10 | 23.11 | 22.89 | 23.15 | 23.13 | |
| 20 | 16QAM | 1 | 99 | 23.11 | 23.12 | 22.96 | 22.68 | 23.03 | |
| 20 | 16QAM | 50 | 0 | 22.19 | 22.21 | 21.97 | 22.01 | 22.01 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.20 | 22.21 | 21.99 | 22.17 | 22.16 | |
| 20 | 16QAM | 50 | 50 | 22.18 | 22.19 | 21.97 | 22.05 | 22.15 | |
| 20 | 16QAM | 100 | 0 | 22.15 | 22.21 | 21.94 | 22.04 | 22.06 | |
| 20 | 64QAM | 1 | 0 | 21.80 | 21.84 | 21.59 | 21.52 | 21.42 | 23.5 |
| 20 | 64QAM | 1 | 49 | 21.85 | 21.84 | 21.68 | 21.92 | 21.96 | |
| 20 | 64QAM | 1 | 99 | 21.87 | 21.91 | 21.72 | 21.37 | 21.78 | |
| 20 | 64QAM | 50 | 0 | 21.19 | 21.21 | 20.98 | 21.02 | 21.00 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.19 | 21.24 | 21.00 | 21.17 | 21.17 | |
| 20 | 64QAM | 50 | 50 | 21.19 | 21.21 | 20.97 | 21.05 | 21.14 | |
| 20 | 64QAM | 100 | 0 | 21.18 | 21.23 | 20.98 | 21.07 | 21.07 | |
| 20 | 256QAM | 1 | 0 | 19.03 | 18.94 | 18.92 | 18.70 | 18.59 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.93 | 18.86 | 18.74 | 18.92 | 18.95 | |
| 20 | 256QAM | 1 | 99 | 18.99 | 18.94 | 18.74 | 18.49 | 18.83 | |
| 20 | 256QAM | 50 | 0 | 19.31 | 19.20 | 19.11 | 19.15 | 19.11 | 20.5 |
| 20 | 256QAM | 50 | 24 | 19.25 | 19.21 | 19.09 | 19.29 | 19.25 | |
| 20 | 256QAM | 50 | 50 | 19.22 | 19.18 | 19.02 | 19.08 | 19.16 | |
| 20 | 256QAM | 100 | 0 | 19.20 | 19.15 | 19.02 | 19.09 | 19.12 | |
| 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 | 23.91 | 23.98 | 23.77 | 23.85 | 23.76 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.88 | 23.95 | 23.78 | 24.02 | 23.94 | |
| 15 | QPSK | 1 | 74 | 23.94 | 24.07 | 23.82 | 23.83 | 23.97 | |
| 15 | QPSK | 36 | 0 | 23.04 | 23.15 | 22.93 | 23.00 | 23.00 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.12 | 23.15 | 22.90 | 23.06 | 23.12 | |
| 15 | QPSK | 36 | 39 | 23.11 | 23.16 | 22.90 | 23.07 | 23.10 | |
| 15 | QPSK | 75 | 0 | 23.10 | 23.15 | 22.91 | 23.00 | 23.06 | |
| 15 | 16QAM | 1 | 0 | 23.09 | 23.15 | 22.93 | 23.06 | 22.86 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.03 | 23.03 | 22.83 | 23.14 | 23.10 | |
| 15 | 16QAM | 1 | 74 | 23.14 | 23.25 | 23.01 | 22.92 | 23.11 | |
| 15 | 16QAM | 36 | 0 | 22.01 | 22.13 | 21.90 | 21.98 | 21.99 | 23.5 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.14 | 21.89 | 22.03 | 22.07 | |
| 15 | 16QAM | 36 | 39 | 22.09 | 22.11 | 21.87 | 22.04 | 22.07 | |
| 15 | 16QAM | 75 | 0 | 22.13 | 22.17 | 21.95 | 22.04 | 22.07 | |
| 15 | 64QAM | 1 | 0 | 21.72 | 21.84 | 21.65 | 21.74 | 21.57 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.85 | 21.84 | 21.64 | 21.93 | 21.89 | |
| 15 | 64QAM | 1 | 74 | 21.89 | 21.95 | 21.78 | 21.58 | 21.89 | |
| 15 | 64QAM | 36 | 0 | 21.06 | 21.20 | 20.95 | 21.03 | 21.03 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.15 | 21.16 | 20.95 | 21.09 | 21.14 | |
| 15 | 64QAM | 36 | 39 | 21.16 | 21.19 | 20.95 | 21.09 | 21.14 | |
| 15 | 64QAM | 75 | 0 | 21.16 | 21.19 | 20.95 | 21.02 | 21.08 | |
| 15 | 256QAM | 1 | 0 | 19.01 | 18.88 | 18.90 | 18.60 | 18.57 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.84 | 18.84 | 18.70 | 18.84 | 18.91 | |
| 15 | 256QAM | 1 | 74 | 18.94 | 18.93 | 18.69 | 18.45 | 18.74 | |
| 15 | 256QAM | 36 | 0 | 19.26 | 19.13 | 19.05 | 19.07 | 19.01 | 20.5 |
| 15 | 256QAM | 36 | 20 | 19.23 | 19.13 | 19.07 | 19.29 | 19.21 | |
| 15 | 256QAM | 36 | 39 | 19.20 | 19.11 | 18.94 | 19.03 | 19.07 | |
| 15 | 256QAM | 75 | 0 | 19.17 | 19.06 | 18.97 | 18.99 | 19.12 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 23.91 | 23.94 | 23.70 | 23.83 | 23.72 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.81 | 23.85 | 23.70 | 24.02 | 23.87 | |
| 10 | QPSK | 1 | 49 | 23.94 | 23.98 | 23.81 | 23.77 | 23.95 | |
| 10 | QPSK | 25 | 0 | 23.03 | 23.10 | 22.90 | 22.95 | 22.91 | 24.5 |
| 10 | QPSK | 25 | 12 | 23.03 | 23.13 | 22.80 | 23.06 | 23.09 | |
| 10 | QPSK | 25 | 25 | 23.06 | 23.07 | 22.82 | 23.00 | 23.00 | |
| 10 | QPSK | 50 | 0 | 23.05 | 23.12 | 22.84 | 22.93 | 22.99 | |
| 10 | 16QAM | 1 | 0 | 23.00 | 23.05 | 22.90 | 23.03 | 22.82 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.97 | 22.93 | 22.80 | 23.05 | 23.02 | |
| 10 | 16QAM | 1 | 49 | 23.10 | 23.20 | 23.00 | 22.91 | 23.09 | |
| 10 | 16QAM | 25 | 0 | 21.94 | 22.07 | 21.86 | 21.93 | 21.96 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.00 | 22.14 | 21.85 | 22.02 | 22.00 | |
| 10 | 16QAM | 25 | 25 | 22.07 | 22.02 | 21.80 | 21.96 | 22.05 | |
| 10 | 16QAM | 50 | 0 | 22.08 | 22.08 | 21.93 | 21.99 | 22.05 | |
| 10 | 64QAM | 1 | 0 | 21.70 | 21.79 | 21.65 | 21.66 | 21.51 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.77 | 21.80 | 21.60 | 21.86 | 21.79 | |
| 10 | 64QAM | 1 | 49 | 21.80 | 21.86 | 21.73 | 21.56 | 21.85 | |
| 10 | 64QAM | 25 | 0 | 21.00 | 21.20 | 20.87 | 20.96 | 20.97 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.07 | 21.11 | 20.91 | 20.99 | 21.07 | |
| 10 | 64QAM | 25 | 25 | 21.09 | 21.12 | 20.92 | 21.07 | 21.07 | |
| 10 | 64QAM | 50 | 0 | 21.14 | 21.17 | 20.88 | 20.99 | 21.04 | |
| 10 | 256QAM | 1 | 0 | 18.98 | 18.87 | 18.90 | 18.70 | 18.58 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.89 | 18.83 | 18.69 | 18.90 | 18.87 | |
| 10 | 256QAM | 1 | 49 | 18.96 | 18.91 | 18.73 | 18.40 | 18.80 | |
| 10 | 256QAM | 25 | 0 | 19.25 | 19.13 | 19.07 | 19.05 | 19.06 | 20.5 |
| 10 | 256QAM | 25 | 12 | 19.21 | 19.12 | 19.07 | 19.27 | 19.24 | |
| 10 | 256QAM | 25 | 25 | 19.17 | 19.15 | 18.95 | 19.08 | 19.09 | |
| 10 | 256QAM | 50 | 0 | 19.18 | 19.05 | 19.01 | 19.01 | 19.03 | |
| 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 | 23.84 | 23.94 | 23.73 | 23.81 | 23.72 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.80 | 23.91 | 23.75 | 23.92 | 23.85 | |
| 5 | QPSK | 1 | 24 | 23.87 | 23.99 | 23.80 | 23.79 | 23.92 | |
| 5 | QPSK | 12 | 0 | 23.01 | 23.09 | 22.89 | 22.94 | 22.93 | 24.5 |
| 5 | QPSK | 12 | 7 | 23.12 | 23.15 | 22.81 | 22.96 | 23.02 | |
| 5 | QPSK | 12 | 13 | 23.09 | 23.09 | 22.90 | 23.04 | 23.08 | |
| 5 | QPSK | 25 | 0 | 23.02 | 23.07 | 22.86 | 22.91 | 23.00 | |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.05 | 22.92 | 23.02 | 22.84 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.94 | 22.95 | 22.73 | 23.04 | 23.03 | |
| 5 | 16QAM | 1 | 24 | 23.10 | 23.24 | 22.93 | 22.85 | 23.09 | |
| 5 | 16QAM | 12 | 0 | 21.94 | 22.07 | 21.81 | 21.98 | 21.90 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.06 | 22.11 | 21.80 | 21.96 | 21.97 | |
| 5 | 16QAM | 12 | 13 | 22.02 | 22.04 | 21.82 | 21.98 | 21.99 | |
| 5 | 16QAM | 25 | 0 | 22.12 | 22.11 | 21.94 | 22.00 | 21.98 | |
| 5 | 64QAM | 1 | 0 | 21.68 | 21.84 | 21.58 | 21.74 | 21.47 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.76 | 21.83 | 21.59 | 21.89 | 21.85 | |
| 5 | 64QAM | 1 | 24 | 21.82 | 21.88 | 21.73 | 21.49 | 21.82 | |
| 5 | 64QAM | 12 | 0 | 20.98 | 21.12 | 20.90 | 21.01 | 20.93 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.06 | 21.06 | 20.85 | 21.06 | 21.07 | |
| 5 | 64QAM | 12 | 13 | 21.14 | 21.16 | 20.89 | 20.99 | 21.06 | |
| 5 | 64QAM | 25 | 0 | 21.10 | 21.15 | 20.88 | 20.92 | 21.01 | |
| 5 | 256QAM | 1 | 0 | 19.01 | 18.89 | 18.86 | 18.70 | 18.56 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.85 | 18.76 | 18.72 | 18.82 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.94 | 18.88 | 18.72 | 18.49 | 18.80 | |
| 5 | 256QAM | 12 | 0 | 19.21 | 19.10 | 19.03 | 19.07 | 19.05 | 20.5 |
| 5 | 256QAM | 12 | 7 | 19.21 | 19.21 | 19.04 | 19.21 | 19.20 | |
| 5 | 256QAM | 12 | 13 | 19.20 | 19.09 | 18.96 | 19.08 | 19.09 | |
| 5 | 256QAM | 25 | 0 | 19.16 | 19.14 | 18.94 | 19.03 | 19.04 | |

## Band 41 HPUE_Ant 0

| 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 25.61 | 25.65 | 25.51 | 25.56 | 25.45 | 27 |
| 20 | QPSK | 1 | 49 | 25.61 | 25.65 | 25.38 | 25.87 | 25.84 | |
| 20 | QPSK | 1 | 99 | 25.70 | 25.66 | 25.51 | 25.45 | 25.74 | |
| 20 | QPSK | 50 | 0 | 24.96 | 24.98 | 24.73 | 24.89 | 24.89 | 26 |
| 20 | QPSK | 50 | 24 | 24.99 | 24.99 | 24.73 | 25.03 | 25.03 | |
| 20 | QPSK | 50 | 50 | 24.95 | 24.97 | 24.72 | 24.91 | 25.02 | |
| 20 | QPSK | 100 | 0 | 24.98 | 24.99 | 24.73 | 24.93 | 24.96 | |
| 20 | 16QAM | 1 | 0 | 24.99 | 24.99 | 24.88 | 24.92 | 24.76 | 26 |
| 20 | 16QAM | 1 | 49 | 24.99 | 25.01 | 24.82 | 25.18 | 25.20 | |
| 20 | 16QAM | 1 | 99 | 25.02 | 25.04 | 24.84 | 24.77 | 25.07 | |
| 20 | 16QAM | 50 | 0 | 23.99 | 24.01 | 23.78 | 23.91 | 23.91 | 25 |
| 20 | 16QAM | 50 | 24 | 24.00 | 24.04 | 23.77 | 24.06 | 24.07 | |
| 20 | 16QAM | 50 | 50 | 24.00 | 24.00 | 23.77 | 23.96 | 24.04 | |
| 20 | 16QAM | 100 | 0 | 23.98 | 24.01 | 23.75 | 23.96 | 23.99 | |
| 20 | 64QAM | 1 | 0 | 23.81 | 23.84 | 23.65 | 23.73 | 23.62 | 25 |
| 20 | 64QAM | 1 | 49 | 23.87 | 23.85 | 23.65 | 24.06 | 24.09 | |
| 20 | 64QAM | 1 | 99 | 23.86 | 23.88 | 23.73 | 23.60 | 23.95 | |
| 20 | 64QAM | 50 | 0 | 23.01 | 23.03 | 22.79 | 22.90 | 22.93 | 24 |
| 20 | 64QAM | 50 | 24 | 22.99 | 23.05 | 22.78 | 23.06 | 23.06 | |
| 20 | 64QAM | 50 | 50 | 23.01 | 23.01 | 22.80 | 22.97 | 23.04 | |
| 20 | 64QAM | 100 | 0 | 23.00 | 23.03 | 22.78 | 22.99 | 22.97 | |
| 20 | 256QAM | 1 | 0 | 20.86 | 20.85 | 20.80 | 20.68 | 20.86 | 22 |
| 20 | 256QAM | 1 | 49 | 20.86 | 20.74 | 20.63 | 20.93 | 21.11 | |
| 20 | 256QAM | 1 | 99 | 20.87 | 20.81 | 20.61 | 20.56 | 20.95 | |
| 20 | 256QAM | 50 | 0 | 21.11 | 21.04 | 20.94 | 20.95 | 21.00 | 22 |
| 20 | 256QAM | 50 | 24 | 21.06 | 21.00 | 20.88 | 21.12 | 21.10 | |
| 20 | 256QAM | 50 | 50 | 21.03 | 21.00 | 20.81 | 20.95 | 21.06 | |
| 20 | 256QAM | 100 | 0 | 21.02 | 20.97 | 20.85 | 20.99 | 20.97 | |
| 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 | 25.51 | 25.57 | 25.46 | 25.53 | 25.35 | 27 |
| 15 | QPSK | 1 | 37 | 25.52 | 25.64 | 25.31 | 25.82 | 25.75 | |
| 15 | QPSK | 1 | 74 | 25.68 | 25.63 | 25.44 | 25.41 | 25.68 | |
| 15 | QPSK | 36 | 0 | 24.90 | 24.96 | 24.63 | 24.89 | 24.80 | 26 |
| 15 | QPSK | 36 | 20 | 24.99 | 24.96 | 24.71 | 24.93 | 25.02 | |
| 15 | QPSK | 36 | 39 | 24.95 | 24.88 | 24.66 | 24.87 | 24.92 | |
| 15 | QPSK | 75 | 0 | 24.92 | 24.90 | 24.64 | 24.88 | 24.88 | |
| 15 | 16QAM | 1 | 0 | 24.99 | 24.91 | 24.82 | 24.89 | 24.74 | 26 |
| 15 | 16QAM | 1 | 37 | 24.94 | 24.95 | 24.75 | 25.17 | 25.14 | |
| 15 | 16QAM | 1 | 74 | 24.99 | 25.04 | 24.78 | 24.77 | 24.99 | |
| 15 | 16QAM | 36 | 0 | 23.95 | 23.93 | 23.76 | 23.88 | 23.84 | 25 |
| 15 | 16QAM | 36 | 20 | 23.96 | 23.94 | 23.70 | 24.05 | 24.07 | |
| 15 | 16QAM | 36 | 39 | 23.95 | 23.95 | 23.69 | 23.92 | 24.04 | |
| 15 | 16QAM | 75 | 0 | 23.95 | 24.00 | 23.65 | 23.92 | 23.96 | |
| 15 | 64QAM | 1 | 0 | 23.81 | 23.78 | 23.65 | 23.66 | 23.58 | 25 |
| 15 | 64QAM | 1 | 37 | 23.79 | 23.82 | 23.64 | 24.04 | 24.07 | |
| 15 | 64QAM | 1 | 74 | 23.78 | 23.85 | 23.69 | 23.53 | 23.90 | |
| 15 | 64QAM | 36 | 0 | 22.91 | 22.96 | 22.72 | 22.86 | 22.89 | 24 |
| 15 | 64QAM | 36 | 20 | 22.93 | 23.04 | 22.76 | 22.96 | 22.98 | |
| 15 | 64QAM | 36 | 39 | 22.94 | 23.00 | 22.71 | 22.87 | 22.99 | |
| 15 | 64QAM | 75 | 0 | 22.90 | 22.93 | 22.78 | 22.92 | 22.87 | |
| 15 | 256QAM | 1 | 0 | 20.86 | 20.79 | 20.71 | 20.65 | 20.85 | 22 |
| 15 | 256QAM | 1 | 37 | 20.85 | 20.65 | 20.58 | 20.90 | 21.09 | |
| 15 | 256QAM | 1 | 74 | 20.77 | 20.75 | 20.55 | 20.50 | 20.86 | |
| 15 | 256QAM | 36 | 0 | 21.02 | 20.94 | 20.85 | 20.94 | 20.91 | 22 |
| 15 | 256QAM | 36 | 20 | 20.96 | 20.90 | 20.85 | 21.12 | 21.09 | |
| 15 | 256QAM | 36 | 39 | 21.02 | 20.91 | 20.81 | 20.95 | 21.01 | |
| 15 | 256QAM | 75 | 0 | 21.02 | 20.95 | 20.83 | 20.89 | 20.89 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 25.54 | 25.58 | 25.43 | 25.55 | 25.44 | 27 |
| 10 | QPSK | 1 | 25 | 25.53 | 25.58 | 25.34 | 25.80 | 25.77 | |
| 10 | QPSK | 1 | 49 | 25.63 | 25.56 | 25.48 | 25.45 | 25.73 | |
| 10 | QPSK | 25 | 0 | 24.92 | 24.98 | 24.63 | 24.86 | 24.81 | 26 |
| 10 | QPSK | 25 | 12 | 24.90 | 24.98 | 24.64 | 25.02 | 24.97 | |
| 10 | QPSK | 25 | 25 | 24.94 | 24.96 | 24.64 | 24.89 | 25.01 | |
| 10 | QPSK | 50 | 0 | 24.91 | 24.93 | 24.69 | 24.91 | 24.90 | |
| 10 | 16QAM | 1 | 0 | 24.94 | 24.97 | 24.87 | 24.91 | 24.72 | 26 |
| 10 | 16QAM | 1 | 25 | 24.94 | 24.98 | 24.81 | 25.12 | 25.17 | |
| 10 | 16QAM | 1 | 49 | 24.98 | 25.00 | 24.77 | 24.75 | 25.05 | |
| 10 | 16QAM | 25 | 0 | 23.93 | 23.97 | 23.68 | 23.82 | 23.89 | 25 |
| 10 | 16QAM | 25 | 12 | 23.98 | 23.97 | 23.76 | 24.06 | 24.07 | |
| 10 | 16QAM | 25 | 25 | 23.93 | 23.92 | 23.77 | 23.89 | 24.03 | |
| 10 | 16QAM | 50 | 0 | 23.94 | 23.97 | 23.75 | 23.92 | 23.96 | |
| 10 | 64QAM | 1 | 0 | 23.79 | 23.77 | 23.59 | 23.69 | 23.59 | 25 |
| 10 | 64QAM | 1 | 25 | 23.81 | 23.84 | 23.60 | 24.01 | 24.01 | |
| 10 | 64QAM | 1 | 49 | 23.82 | 23.82 | 23.65 | 23.52 | 23.88 | |
| 10 | 64QAM | 25 | 0 | 22.94 | 22.96 | 22.75 | 22.87 | 22.88 | 24 |
| 10 | 64QAM | 25 | 12 | 22.99 | 23.00 | 22.78 | 23.06 | 22.96 | |
| 10 | 64QAM | 25 | 25 | 22.97 | 22.96 | 22.74 | 22.87 | 23.01 | |
| 10 | 64QAM | 50 | 0 | 22.94 | 22.96 | 22.68 | 22.90 | 22.93 | |
| 10 | 256QAM | 1 | 0 | 20.86 | 20.84 | 20.74 | 20.64 | 20.79 | 22 |
| 10 | 256QAM | 1 | 25 | 20.80 | 20.74 | 20.54 | 20.86 | 21.09 | |
| 10 | 256QAM | 1 | 49 | 20.85 | 20.78 | 20.51 | 20.51 | 20.88 | |
| 10 | 256QAM | 25 | 0 | 21.05 | 20.99 | 20.93 | 20.90 | 20.92 | 22 |
| 10 | 256QAM | 25 | 12 | 20.98 | 20.99 | 20.82 | 21.05 | 21.07 | |
| 10 | 256QAM | 25 | 25 | 20.94 | 20.90 | 20.80 | 20.91 | 20.99 | |
| 10 | 256QAM | 50 | 0 | 20.97 | 20.89 | 20.75 | 20.99 | 20.91 | |
| 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 | 25.58 | 25.65 | 25.42 | 25.48 | 25.41 | 27 |
| 5 | QPSK | 1 | 12 | 25.57 | 25.64 | 25.35 | 25.86 | 25.78 | |
| 5 | QPSK | 1 | 24 | 25.65 | 25.59 | 25.41 | 25.36 | 25.65 | |
| 5 | QPSK | 12 | 0 | 24.91 | 24.91 | 24.72 | 24.83 | 24.86 | 26 |
| 5 | QPSK | 12 | 7 | 24.95 | 24.89 | 24.69 | 25.03 | 24.96 | |
| 5 | QPSK | 12 | 13 | 24.85 | 24.90 | 24.72 | 24.87 | 24.97 | |
| 5 | QPSK | 25 | 0 | 24.98 | 24.95 | 24.68 | 24.89 | 24.86 | |
| 5 | 16QAM | 1 | 0 | 24.90 | 24.91 | 24.87 | 24.90 | 24.76 | 26 |
| 5 | 16QAM | 1 | 12 | 24.92 | 24.97 | 24.79 | 25.13 | 25.16 | |
| 5 | 16QAM | 1 | 24 | 24.97 | 25.04 | 24.79 | 24.73 | 25.03 | |
| 5 | 16QAM | 12 | 0 | 23.99 | 24.01 | 23.71 | 23.83 | 23.84 | 25 |
| 5 | 16QAM | 12 | 7 | 23.96 | 23.96 | 23.68 | 24.03 | 24.05 | |
| 5 | 16QAM | 12 | 13 | 24.00 | 23.98 | 23.67 | 23.93 | 24.03 | |
| 5 | 16QAM | 25 | 0 | 23.92 | 23.98 | 23.69 | 23.95 | 23.89 | |
| 5 | 64QAM | 1 | 0 | 23.72 | 23.80 | 23.63 | 23.66 | 23.56 | 25 |
| 5 | 64QAM | 1 | 12 | 23.87 | 23.81 | 23.55 | 24.06 | 24.04 | |
| 5 | 64QAM | 1 | 24 | 23.84 | 23.80 | 23.63 | 23.55 | 23.89 | |
| 5 | 64QAM | 12 | 0 | 22.95 | 23.00 | 22.75 | 22.88 | 22.90 | 24 |
| 5 | 64QAM | 12 | 7 | 22.97 | 22.95 | 22.72 | 23.01 | 22.98 | |
| 5 | 64QAM | 12 | 13 | 22.96 | 22.95 | 22.77 | 22.97 | 23.01 | |
| 5 | 64QAM | 25 | 0 | 22.98 | 22.99 | 22.74 | 22.99 | 22.95 | |
| 5 | 256QAM | 1 | 0 | 20.78 | 20.80 | 20.74 | 20.66 | 20.83 | 22 |
| 5 | 256QAM | 1 | 12 | 20.79 | 20.70 | 20.56 | 20.85 | 21.11 | |
| 5 | 256QAM | 1 | 24 | 20.87 | 20.78 | 20.55 | 20.47 | 20.90 | |
| 5 | 256QAM | 12 | 0 | 21.08 | 20.95 | 20.84 | 20.85 | 20.94 | 22 |
| 5 | 256QAM | 12 | 7 | 21.02 | 21.00 | 20.85 | 21.03 | 21.01 | |
| 5 | 256QAM | 12 | 13 | 21.02 | 20.90 | 20.74 | 20.88 | 20.98 | |
| 5 | 256QAM | 25 | 0 | 20.94 | 20.88 | 20.75 | 20.95 | 20.87 | |

## Band 48_Ant 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 | 24.39 | 24.55 | 24.62 | 24.65 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.27 | 24.36 | 24.46 | 24.47 | |
| 20 | QPSK | 1 | 99 | 24.31 | 24.34 | 24.42 | 24.47 | |
| 20 | QPSK | 50 | 0 | 23.47 | 23.57 | 23.60 | 23.61 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.46 | 23.54 | 23.55 | 23.65 | |
| 20 | QPSK | 50 | 50 | 23.40 | 23.47 | 23.54 | 23.57 | |
| 20 | QPSK | 100 | 0 | 23.43 | 23.52 | 23.52 | 23.64 | |
| 20 | 16QAM | 1 | 0 | 23.56 | 23.67 | 23.75 | 23.76 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.37 | 23.44 | 23.52 | 23.55 | |
| 20 | 16QAM | 1 | 99 | 23.39 | 23.43 | 23.54 | 23.57 | |
| 20 | 16QAM | 50 | 0 | 22.50 | 22.59 | 22.61 | 22.62 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.47 | 22.55 | 22.57 | 22.67 | |
| 20 | 16QAM | 50 | 50 | 22.43 | 22.49 | 22.56 | 22.60 | |
| 20 | 16QAM | 100 | 0 | 22.43 | 22.54 | 22.55 | 22.64 | |
| 20 | 64QAM | 1 | 0 | 22.25 | 22.38 | 22.43 | 22.43 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.12 | 22.20 | 22.29 | 22.29 | |
| 20 | 64QAM | 1 | 99 | 22.12 | 22.19 | 22.31 | 22.32 | |
| 20 | 64QAM | 50 | 0 | 21.52 | 21.59 | 21.61 | 21.64 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.49 | 21.58 | 21.57 | 21.68 | |
| 20 | 64QAM | 50 | 50 | 21.42 | 21.49 | 21.59 | 21.59 | |
| 20 | 64QAM | 100 | 0 | 21.47 | 21.54 | 21.53 | 21.66 | |
| 20 | 256QAM | 1 | 0 | 18.91 | 19.16 | 19.12 | 19.33 | 20.7 |
| 20 | 256QAM | 1 | 49 | 18.81 | 19.04 | 19.11 | 19.31 | |
| 20 | 256QAM | 1 | 99 | 19.01 | 19.16 | 19.31 | 19.45 | |
| 20 | 256QAM | 50 | 0 | 19.17 | 19.38 | 19.34 | 19.55 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.19 | 19.38 | 19.39 | 19.66 | |
| 20 | 256QAM | 50 | 50 | 19.21 | 19.38 | 19.49 | 19.66 | |
| 20 | 256QAM | 100 | 0 | 19.13 | 19.34 | 19.36 | 19.61 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 24.36 | 24.44 | 24.53 | 24.57 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.24 | 24.33 | 24.40 | 24.46 | |
| 15 | QPSK | 1 | 74 | 24.28 | 24.33 | 24.42 | 24.51 | |
| 15 | QPSK | 36 | 0 | 23.44 | 23.52 | 23.55 | 23.57 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.39 | 23.49 | 23.57 | 23.56 | |
| 15 | QPSK | 36 | 39 | 23.37 | 23.43 | 23.54 | 23.56 | |
| 15 | QPSK | 75 | 0 | 23.42 | 23.52 | 23.51 | 23.55 | |
| 15 | 16QAM | 1 | 0 | 23.48 | 23.57 | 23.68 | 23.67 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.27 | 23.36 | 23.45 | 23.49 | |
| 15 | 16QAM | 1 | 74 | 23.44 | 23.49 | 23.59 | 23.64 | |
| 15 | 16QAM | 36 | 0 | 22.41 | 22.50 | 22.52 | 22.55 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.37 | 22.44 | 22.54 | 22.50 | |
| 15 | 16QAM | 36 | 39 | 22.34 | 22.40 | 22.50 | 22.52 | |
| 15 | 16QAM | 75 | 0 | 22.42 | 22.52 | 22.51 | 22.55 | |
| 15 | 64QAM | 1 | 0 | 22.20 | 22.31 | 22.32 | 22.38 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.09 | 22.16 | 22.28 | 22.31 | |
| 15 | 64QAM | 1 | 74 | 22.16 | 22.24 | 22.35 | 22.36 | |
| 15 | 64QAM | 36 | 0 | 21.45 | 21.56 | 21.57 | 21.61 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.40 | 21.49 | 21.59 | 21.54 | |
| 15 | 64QAM | 36 | 39 | 21.40 | 21.46 | 21.55 | 21.58 | |
| 15 | 64QAM | 75 | 0 | 21.43 | 21.50 | 21.54 | 21.55 | |
| 15 | 256QAM | 1 | 0 | 18.86 | 19.10 | 19.05 | 19.32 | 20.7 |
| 15 | 256QAM | 1 | 37 | 18.77 | 19.04 | 19.10 | 19.28 | |
| 15 | 256QAM | 1 | 74 | 18.97 | 19.15 | 19.24 | 19.40 | |
| 15 | 256QAM | 36 | 0 | 19.13 | 19.30 | 19.31 | 19.45 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.14 | 19.38 | 19.32 | 19.65 | |
| 15 | 256QAM | 36 | 39 | 19.11 | 19.35 | 19.46 | 19.64 | |
| 15 | 256QAM | 75 | 0 | 19.04 | 19.24 | 19.36 | 19.59 | |
| Channel | | | | 55290 | 55815 | 56160 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 24.34 | 24.37 | 24.52 | 24.57 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.14 | 24.29 | 24.34 | 24.39 | |
| 10 | QPSK | 1 | 49 | 24.25 | 24.24 | 24.42 | 24.49 | |
| 10 | QPSK | 25 | 0 | 23.41 | 23.44 | 23.53 | 23.48 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.36 | 23.39 | 23.53 | 23.47 | |
| 10 | QPSK | 25 | 25 | 23.36 | 23.38 | 23.53 | 23.53 | |
| 10 | QPSK | 50 | 0 | 23.32 | 23.43 | 23.44 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.39 | 23.57 | 23.58 | 23.66 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.19 | 23.34 | 23.37 | 23.48 | |
| 10 | 16QAM | 1 | 49 | 23.39 | 23.47 | 23.49 | 23.54 | |
| 10 | 16QAM | 25 | 0 | 22.38 | 22.44 | 22.48 | 22.55 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.35 | 22.35 | 22.49 | 22.40 | |
| 10 | 16QAM | 25 | 25 | 22.24 | 22.39 | 22.48 | 22.50 | |
| 10 | 16QAM | 50 | 0 | 22.41 | 22.51 | 22.49 | 22.48 | |
| 10 | 64QAM | 1 | 0 | 22.11 | 22.26 | 22.28 | 22.30 | 23.7 |
| 10 | 64QAM | 1 | 25 | 21.99 | 22.11 | 22.28 | 22.25 | |
| 10 | 64QAM | 1 | 49 | 22.06 | 22.14 | 22.34 | 22.32 | |
| 10 | 64QAM | 25 | 0 | 21.35 | 21.47 | 21.48 | 21.56 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.31 | 21.43 | 21.52 | 21.45 | |
| 10 | 64QAM | 25 | 25 | 21.37 | 21.38 | 21.55 | 21.58 | |
| 10 | 64QAM | 50 | 0 | 21.38 | 21.45 | 21.49 | 21.48 | |
| 10 | 256QAM | 1 | 0 | 18.88 | 19.12 | 19.02 | 19.28 | 20.7 |
| 10 | 256QAM | 1 | 25 | 18.73 | 19.01 | 19.09 | 19.23 | |
| 10 | 256QAM | 1 | 49 | 18.96 | 19.10 | 19.25 | 19.39 | |
| 10 | 256QAM | 25 | 0 | 19.14 | 19.31 | 19.31 | 19.51 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.15 | 19.28 | 19.38 | 19.60 | |
| 10 | 256QAM | 25 | 25 | 19.14 | 19.28 | 19.46 | 19.63 | |
| 10 | 256QAM | 50 | 0 | 19.07 | 19.29 | 19.32 | 19.61 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 24.34 | 24.42 | 24.53 | 24.61 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.22 | 24.33 | 24.42 | 24.47 | |
| 5 | QPSK | 1 | 24 | 24.29 | 24.36 | 24.44 | 24.55 | |
| 5 | QPSK | 12 | 0 | 23.41 | 23.50 | 23.60 | 23.67 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.38 | 23.47 | 23.58 | 23.61 | |
| 5 | QPSK | 12 | 13 | 23.42 | 23.45 | 23.59 | 23.63 | |
| 5 | QPSK | 25 | 0 | 23.40 | 23.49 | 23.58 | 23.65 | |
| 5 | 16QAM | 1 | 0 | 23.47 | 23.57 | 23.65 | 23.75 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.45 | 23.53 | 23.60 | 23.67 | |
| 5 | 16QAM | 1 | 24 | 23.50 | 23.57 | 23.65 | 23.69 | |
| 5 | 16QAM | 12 | 0 | 22.39 | 22.48 | 22.59 | 22.63 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.39 | 22.49 | 22.54 | 22.63 | |
| 5 | 16QAM | 12 | 13 | 22.37 | 22.47 | 22.51 | 22.64 | |
| 5 | 16QAM | 25 | 0 | 22.44 | 22.53 | 22.62 | 22.66 | |
| 5 | 64QAM | 1 | 0 | 22.20 | 22.28 | 22.41 | 22.44 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.12 | 22.21 | 22.32 | 22.38 | |
| 5 | 64QAM | 1 | 24 | 22.19 | 22.28 | 22.41 | 22.47 | |
| 5 | 64QAM | 12 | 0 | 21.48 | 21.54 | 21.66 | 21.71 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.44 | 21.49 | 21.62 | 21.65 | |
| 5 | 64QAM | 12 | 13 | 21.43 | 21.47 | 21.59 | 21.67 | |
| 5 | 64QAM | 25 | 0 | 21.47 | 21.52 | 21.61 | 21.71 | |
| 5 | 256QAM | 1 | 0 | 18.90 | 19.14 | 19.11 | 19.24 | 20.7 |
| 5 | 256QAM | 1 | 12 | 18.71 | 19.03 | 19.09 | 19.23 | |
| 5 | 256QAM | 1 | 24 | 18.99 | 19.14 | 19.30 | 19.37 | |
| 5 | 256QAM | 12 | 0 | 19.10 | 19.29 | 19.24 | 19.46 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.15 | 19.37 | 19.39 | 19.61 | |
| 5 | 256QAM | 12 | 13 | 19.13 | 19.36 | 19.43 | 19.64 | |
| 5 | 256QAM | 25 | 0 | 19.11 | 19.34 | 19.33 | 19.58 | |

## Band 38_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 24.68 | 24.63 | 24.52 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.69 | 24.64 | 24.52 | |
| 20 | QPSK | 1 | 99 | 24.68 | 24.57 | 24.48 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.70 | 23.69 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.89 | 23.72 | 23.68 | |
| 20 | QPSK | 50 | 50 | 23.87 | 23.70 | 23.66 | |
| 20 | QPSK | 100 | 0 | 23.88 | 23.71 | 23.68 | |
| 20 | 16QAM | 1 | 0 | 23.81 | 23.74 | 23.67 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.79 | 23.72 | 23.61 | |
| 20 | 16QAM | 1 | 99 | 23.81 | 23.69 | 23.61 | |
| 20 | 16QAM | 50 | 0 | 22.91 | 22.76 | 22.73 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.75 | 22.70 | |
| 20 | 16QAM | 50 | 50 | 22.90 | 22.72 | 22.69 | |
| 20 | 16QAM | 100 | 0 | 22.89 | 22.73 | 22.70 | |
| 20 | 64QAM | 1 | 0 | 23.57 | 22.41 | 22.42 | 23.7 |
| 20 | 64QAM | 1 | 49 | 23.53 | 22.46 | 22.36 | |
| 20 | 64QAM | 1 | 99 | 23.56 | 22.39 | 22.42 | |
| 20 | 64QAM | 50 | 0 | 22.62 | 21.76 | 21.73 | 22.7 |
| 20 | 64QAM | 50 | 24 | 22.65 | 21.77 | 21.70 | |
| 20 | 64QAM | 50 | 50 | 22.62 | 21.74 | 21.70 | |
| 20 | 64QAM | 100 | 0 | 22.70 | 21.74 | 21.70 | |
| 20 | 256QAM | 1 | 0 | 19.77 | 19.78 | 19.81 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.70 | 19.68 | 19.59 | |
| 20 | 256QAM | 1 | 99 | 19.73 | 19.57 | 19.54 | |
| 20 | 256QAM | 50 | 0 | 20.07 | 19.96 | 19.97 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.02 | 19.92 | 19.93 | |
| 20 | 256QAM | 50 | 50 | 20.01 | 19.83 | 19.87 | |
| 20 | 256QAM | 100 | 0 | 20.03 | 19.92 | 19.91 | |
| Channel | | | | 37925 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.60 | 24.52 | 24.39 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.55 | 24.50 | 24.35 | |
| 15 | QPSK | 1 | 74 | 24.59 | 24.52 | 24.38 | |
| 15 | QPSK | 36 | 0 | 23.77 | 23.63 | 23.59 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.80 | 23.73 | 23.56 | |
| 15 | QPSK | 36 | 39 | 23.75 | 23.61 | 23.56 | |
| 15 | QPSK | 75 | 0 | 23.78 | 23.63 | 23.58 | |
| 15 | 16QAM | 1 | 0 | 23.78 | 23.68 | 23.58 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.63 | 23.60 | 23.43 | |
| 15 | 16QAM | 1 | 74 | 23.74 | 23.63 | 23.54 | |
| 15 | 16QAM | 36 | 0 | 22.76 | 22.64 | 22.55 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.74 | 22.68 | 22.54 | |
| 15 | 16QAM | 36 | 39 | 22.74 | 22.58 | 22.54 | |
| 15 | 16QAM | 75 | 0 | 22.79 | 22.65 | 22.60 | |
| 15 | 64QAM | 1 | 0 | 22.50 | 22.35 | 22.30 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.44 | 22.37 | 22.23 | |
| 15 | 64QAM | 1 | 74 | 22.44 | 22.29 | 22.25 | |
| 15 | 64QAM | 36 | 0 | 21.82 | 21.67 | 21.61 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.80 | 21.73 | 21.61 | |
| 15 | 64QAM | 36 | 39 | 21.81 | 21.65 | 21.58 | |
| 15 | 64QAM | 75 | 0 | 21.81 | 21.65 | 21.61 | |
| 15 | 256QAM | 1 | 0 | 19.75 | 19.70 | 19.77 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.67 | 19.58 | 19.55 | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.55 | 19.49 | |
| 15 | 256QAM | 36 | 0 | 19.98 | 19.89 | 19.89 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.95 | 19.86 | 19.91 | |
| 15 | 256QAM | 36 | 39 | 19.98 | 19.83 | 19.84 | |
| 15 | 256QAM | 75 | 0 | 19.99 | 19.91 | 19.89 | |
| Channel | | | | 37900 | 38000 | 38100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.63 | 24.51 | 24.42 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.61 | 24.55 | 24.41 | |
| 10 | QPSK | 1 | 49 | 24.67 | 24.57 | 24.42 | |
| 10 | QPSK | 25 | 0 | 23.74 | 23.59 | 23.52 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.75 | 23.69 | 23.52 | |
| 10 | QPSK | 25 | 25 | 23.74 | 23.69 | 23.51 | |
| 10 | QPSK | 50 | 0 | 23.75 | 23.61 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.81 | 23.66 | 23.52 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.72 | 23.64 | 23.51 | |
| 10 | 16QAM | 1 | 49 | 23.79 | 23.68 | 23.47 | |
| 10 | 16QAM | 25 | 0 | 22.74 | 22.59 | 22.53 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.72 | 22.58 | |
| 10 | 16QAM | 25 | 25 | 22.74 | 22.67 | 22.48 | |
| 10 | 16QAM | 50 | 0 | 22.78 | 22.62 | 22.56 | |
| 10 | 64QAM | 1 | 0 | 22.57 | 22.39 | 22.32 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.54 | 22.43 | 22.32 | |
| 10 | 64QAM | 1 | 49 | 22.50 | 22.39 | 22.30 | |
| 10 | 64QAM | 25 | 0 | 21.81 | 21.67 | 21.61 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.83 | 21.75 | 21.63 | |
| 10 | 64QAM | 25 | 25 | 21.82 | 21.76 | 21.60 | |
| 10 | 64QAM | 50 | 0 | 21.78 | 21.65 | 21.57 | |
| 10 | 256QAM | 1 | 0 | 19.69 | 19.72 | 19.78 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.65 | 19.59 | 19.56 | |
| 10 | 256QAM | 1 | 49 | 19.69 | 19.52 | 19.48 | |
| 10 | 256QAM | 25 | 0 | 19.98 | 19.89 | 19.91 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.94 | 19.83 | 19.86 | |
| 10 | 256QAM | 25 | 25 | 19.91 | 19.76 | 19.82 | |
| 10 | 256QAM | 50 | 0 | 20.01 | 19.84 | 19.88 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.58 | 24.53 | 24.37 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.54 | 24.49 | 24.35 | |
| 5 | QPSK | 1 | 24 | 24.59 | 24.52 | 24.33 | |
| 5 | QPSK | 12 | 0 | 23.68 | 23.64 | 23.48 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.72 | 23.64 | 23.50 | |
| 5 | QPSK | 12 | 13 | 23.71 | 23.66 | 23.49 | |
| 5 | QPSK | 25 | 0 | 23.72 | 23.65 | 23.45 | |
| 5 | 16QAM | 1 | 0 | 23.72 | 23.67 | 23.52 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.75 | 23.68 | 23.50 | |
| 5 | 16QAM | 1 | 24 | 23.75 | 23.68 | 23.52 | |
| 5 | 16QAM | 12 | 0 | 22.67 | 22.60 | 22.46 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.72 | 22.66 | 22.47 | |
| 5 | 16QAM | 12 | 13 | 22.67 | 22.62 | 22.45 | |
| 5 | 16QAM | 25 | 0 | 22.73 | 22.68 | 22.52 | |
| 5 | 64QAM | 1 | 0 | 22.51 | 22.42 | 22.25 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.54 | 22.44 | 22.30 | |
| 5 | 64QAM | 1 | 24 | 22.54 | 22.45 | 22.29 | |
| 5 | 64QAM | 12 | 0 | 21.76 | 21.71 | 21.53 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.77 | 21.70 | 21.55 | |
| 5 | 64QAM | 12 | 13 | 21.78 | 21.70 | 21.51 | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.70 | 21.55 | |
| 5 | 256QAM | 1 | 0 | 19.67 | 19.77 | 19.81 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.64 | 19.63 | 19.56 | |
| 5 | 256QAM | 1 | 24 | 19.72 | 19.55 | 19.49 | |
| 5 | 256QAM | 12 | 0 | 20.02 | 19.86 | 19.87 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.97 | 19.86 | 19.93 | |
| 5 | 256QAM | 12 | 13 | 19.99 | 19.80 | 19.77 | |
| 5 | 256QAM | 25 | 0 | 19.96 | 19.87 | 19.82 | |

## Band 41_Ant 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 | 24.69 | 24.77 | 24.75 | 24.51 | 24.30 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.74 | 24.80 | 24.64 | 24.83 | 24.68 | |
| 20 | QPSK | 1 | 99 | 24.76 | 24.82 | 24.75 | 24.41 | 24.57 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.94 | 23.83 | 23.75 | 23.65 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.90 | 23.95 | 23.83 | 23.87 | 23.77 | |
| 20 | QPSK | 50 | 50 | 23.87 | 23.97 | 23.82 | 23.75 | 23.75 | |
| 20 | QPSK | 100 | 0 | 23.88 | 23.95 | 23.83 | 23.79 | 23.69 | |
| 20 | 16QAM | 1 | 0 | 23.83 | 23.89 | 23.87 | 23.64 | 23.43 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.82 | 23.89 | 23.78 | 23.92 | 23.77 | |
| 20 | 16QAM | 1 | 99 | 23.86 | 23.95 | 23.83 | 23.48 | 23.63 | |
| 20 | 16QAM | 50 | 0 | 22.90 | 22.96 | 22.85 | 22.78 | 22.67 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.99 | 22.88 | 22.93 | 22.81 | |
| 20 | 16QAM | 50 | 50 | 22.91 | 23.00 | 22.87 | 22.80 | 22.79 | |
| 20 | 16QAM | 100 | 0 | 22.89 | 22.98 | 22.87 | 22.83 | 22.72 | |
| 20 | 64QAM | 1 | 0 | 22.54 | 22.57 | 22.50 | 22.28 | 22.12 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.56 | 22.62 | 22.51 | 22.72 | 22.52 | |
| 20 | 64QAM | 1 | 99 | 22.57 | 22.70 | 22.53 | 22.22 | 22.26 | |
| 20 | 64QAM | 50 | 0 | 21.91 | 21.97 | 21.85 | 21.78 | 21.67 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.94 | 22.01 | 21.87 | 21.92 | 21.83 | |
| 20 | 64QAM | 50 | 50 | 21.91 | 21.99 | 21.86 | 21.78 | 21.80 | |
| 20 | 64QAM | 100 | 0 | 21.90 | 21.98 | 21.87 | 21.81 | 21.72 | |
| 20 | 256QAM | 1 | 0 | 19.89 | 19.75 | 19.87 | 19.61 | 19.38 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.75 | 19.71 | 19.77 | 19.75 | 19.73 | |
| 20 | 256QAM | 1 | 99 | 19.79 | 19.81 | 19.82 | 19.26 | 19.59 | |
| 20 | 256QAM | 50 | 0 | 20.10 | 20.10 | 20.14 | 20.00 | 19.87 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.06 | 20.06 | 20.12 | 20.07 | 20.02 | |
| 20 | 256QAM | 50 | 50 | 20.07 | 20.01 | 20.09 | 19.88 | 19.98 | |
| 20 | 256QAM | 100 | 0 | 20.07 | 20.03 | 20.09 | 19.90 | 19.91 | |
| 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 | 24.62 | 24.70 | 24.65 | 24.61 | 24.39 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.63 | 24.72 | 24.60 | 24.74 | 24.63 | |
| 15 | QPSK | 1 | 74 | 24.66 | 24.81 | 24.68 | 24.53 | 24.59 | |
| 15 | QPSK | 36 | 0 | 23.70 | 23.85 | 23.75 | 23.73 | 23.63 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.83 | 23.84 | 23.76 | 23.77 | 23.71 | |
| 15 | QPSK | 36 | 39 | 23.80 | 23.87 | 23.74 | 23.77 | 23.72 | |
| 15 | QPSK | 75 | 0 | 23.79 | 23.86 | 23.77 | 23.72 | 23.66 | |
| 15 | 16QAM | 1 | 0 | 23.76 | 23.84 | 23.76 | 23.77 | 23.52 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.70 | 23.79 | 23.68 | 23.80 | 23.71 | |
| 15 | 16QAM | 1 | 74 | 23.80 | 24.00 | 23.85 | 23.67 | 23.68 | |
| 15 | 16QAM | 36 | 0 | 22.69 | 22.82 | 22.74 | 22.70 | 22.56 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.77 | 22.83 | 22.71 | 22.73 | 22.68 | |
| 15 | 16QAM | 36 | 39 | 22.77 | 22.86 | 22.71 | 22.75 | 22.67 | |
| 15 | 16QAM | 75 | 0 | 22.84 | 22.89 | 22.77 | 22.75 | 22.70 | |
| 15 | 64QAM | 1 | 0 | 22.46 | 22.54 | 22.51 | 22.43 | 22.23 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.52 | 22.58 | 22.45 | 22.66 | 22.47 | |
| 15 | 64QAM | 1 | 74 | 22.53 | 22.74 | 22.53 | 22.41 | 22.36 | |
| 15 | 64QAM | 36 | 0 | 21.75 | 21.90 | 21.79 | 21.76 | 21.64 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.83 | 21.89 | 21.76 | 21.79 | 21.78 | |
| 15 | 64QAM | 36 | 39 | 21.83 | 21.91 | 21.79 | 21.78 | 21.73 | |
| 15 | 64QAM | 75 | 0 | 21.83 | 21.90 | 21.78 | 21.74 | 21.70 | |
| 15 | 256QAM | 1 | 0 | 19.82 | 19.74 | 19.82 | 19.61 | 19.34 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.70 | 19.69 | 19.67 | 19.73 | 19.72 | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.75 | 19.78 | 19.20 | 19.56 | |
| 15 | 256QAM | 36 | 0 | 20.08 | 20.05 | 20.04 | 19.96 | 19.81 | 20.7 |
| 15 | 256QAM | 36 | 20 | 20.04 | 20.02 | 20.07 | 20.02 | 20.01 | |
| 15 | 256QAM | 36 | 39 | 19.98 | 19.95 | 20.03 | 19.80 | 19.90 | |
| 15 | 256QAM | 75 | 0 | 20.04 | 20.00 | 20.05 | 19.80 | 19.91 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 24.65 | 24.69 | 24.64 | 24.45 | 24.41 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.68 | 24.74 | 24.67 | 24.75 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.70 | 24.76 | 24.65 | 24.53 | 24.35 | |
| 10 | QPSK | 25 | 0 | 23.76 | 23.82 | 23.75 | 23.72 | 23.68 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.87 | 23.77 | 23.88 | 23.73 | |
| 10 | QPSK | 25 | 25 | 23.78 | 23.85 | 23.76 | 23.80 | 23.64 | |
| 10 | QPSK | 50 | 0 | 23.78 | 23.87 | 23.77 | 23.79 | 23.67 | |
| 10 | 16QAM | 1 | 0 | 23.80 | 23.84 | 23.79 | 23.65 | 23.56 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.80 | 23.89 | 23.74 | 23.91 | 23.74 | |
| 10 | 16QAM | 1 | 49 | 23.76 | 23.89 | 23.72 | 23.63 | 23.46 | |
| 10 | 16QAM | 25 | 0 | 22.77 | 22.84 | 22.77 | 22.77 | 22.69 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.81 | 22.89 | 22.80 | 22.94 | 22.77 | |
| 10 | 16QAM | 25 | 25 | 22.78 | 22.83 | 22.75 | 22.80 | 22.65 | |
| 10 | 16QAM | 50 | 0 | 22.81 | 22.90 | 22.79 | 22.84 | 22.70 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.51 | 22.47 | 22.35 | 22.28 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.58 | 22.67 | 22.53 | 22.76 | 22.49 | |
| 10 | 64QAM | 1 | 49 | 22.55 | 22.66 | 22.45 | 22.40 | 22.12 | |
| 10 | 64QAM | 25 | 0 | 21.83 | 21.92 | 21.82 | 21.81 | 21.74 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.88 | 21.94 | 21.80 | 21.96 | 21.82 | |
| 10 | 64QAM | 25 | 25 | 21.85 | 21.95 | 21.85 | 21.87 | 21.71 | |
| 10 | 64QAM | 50 | 0 | 21.81 | 21.87 | 21.79 | 21.83 | 21.70 | |
| 10 | 256QAM | 1 | 0 | 19.79 | 19.66 | 19.78 | 19.61 | 19.36 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.69 | 19.62 | 19.77 | 19.66 | 19.69 | |
| 10 | 256QAM | 1 | 49 | 19.78 | 19.81 | 19.80 | 19.24 | 19.54 | |
| 10 | 256QAM | 25 | 0 | 20.07 | 20.05 | 20.05 | 19.96 | 19.84 | 20.7 |
| 10 | 256QAM | 25 | 12 | 20.05 | 19.97 | 20.10 | 20.06 | 19.97 | |
| 10 | 256QAM | 25 | 25 | 19.97 | 20.01 | 20.04 | 19.88 | 19.91 | |
| 10 | 256QAM | 50 | 0 | 20.01 | 20.03 | 20.03 | 19.89 | 19.89 | |
| 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 | 24.67 | 24.69 | 24.59 | 24.70 | 24.58 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.64 | 24.71 | 24.64 | 24.74 | 24.59 | |
| 5 | QPSK | 1 | 24 | 24.62 | 24.69 | 24.61 | 24.70 | 24.54 | |
| 5 | QPSK | 12 | 0 | 23.77 | 23.80 | 23.73 | 23.78 | 23.72 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.76 | 23.87 | 23.77 | 23.83 | 23.73 | |
| 5 | QPSK | 12 | 13 | 23.76 | 23.82 | 23.74 | 23.85 | 23.70 | |
| 5 | QPSK | 25 | 0 | 23.76 | 23.83 | 23.75 | 23.78 | 23.67 | |
| 5 | 16QAM | 1 | 0 | 23.78 | 23.84 | 23.75 | 23.82 | 23.74 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.81 | 23.87 | 23.84 | 23.96 | 23.85 | |
| 5 | 16QAM | 1 | 24 | 23.83 | 23.87 | 23.80 | 23.89 | 23.71 | |
| 5 | 16QAM | 12 | 0 | 22.76 | 22.81 | 22.73 | 22.81 | 22.70 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.83 | 22.72 | 22.81 | 22.72 | |
| 5 | 16QAM | 12 | 13 | 22.76 | 22.80 | 22.74 | 22.81 | 22.68 | |
| 5 | 16QAM | 25 | 0 | 22.80 | 22.88 | 22.80 | 22.83 | 22.72 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.62 | 22.50 | 22.64 | 22.50 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.59 | 22.66 | 22.50 | 22.73 | 22.50 | |
| 5 | 64QAM | 1 | 24 | 22.59 | 22.65 | 22.52 | 22.67 | 22.44 | |
| 5 | 64QAM | 12 | 0 | 21.80 | 21.87 | 21.77 | 21.85 | 21.73 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.82 | 21.92 | 21.83 | 21.86 | 21.79 | |
| 5 | 64QAM | 12 | 13 | 21.80 | 21.89 | 21.79 | 21.89 | 21.72 | |
| 5 | 64QAM | 25 | 0 | 21.83 | 21.89 | 21.83 | 21.86 | 21.75 | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.73 | 19.81 | 19.53 | 19.33 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.75 | 19.65 | 19.69 | 19.73 | 19.73 | |
| 5 | 256QAM | 1 | 24 | 19.71 | 19.78 | 19.75 | 19.26 | 19.56 | |
| 5 | 256QAM | 12 | 0 | 20.04 | 20.09 | 20.06 | 19.99 | 19.82 | 20.7 |
| 5 | 256QAM | 12 | 7 | 20.02 | 20.03 | 20.02 | 20.00 | 20.02 | |
| 5 | 256QAM | 12 | 13 | 20.06 | 19.92 | 20.01 | 19.81 | 19.95 | |
| 5 | 256QAM | 25 | 0 | 20.05 | 19.96 | 20.02 | 19.86 | 19.89 | |

## Band 41 HPUE_Ant 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 26.30 | 26.35 | 26.33 | 26.26 | 26.05 | 27.5 |
| 20 | QPSK | 1 | 49 | 26.27 | 26.36 | 26.26 | 26.54 | 26.41 | |
| 20 | QPSK | 1 | 99 | 26.30 | 26.39 | 26.30 | 26.14 | 26.28 | |
| 20 | QPSK | 50 | 0 | 25.57 | 25.64 | 25.54 | 25.60 | 25.48 | 26.5 |
| 20 | QPSK | 50 | 24 | 25.57 | 25.67 | 25.57 | 25.77 | 25.66 | |
| 20 | QPSK | 50 | 50 | 25.57 | 25.66 | 25.54 | 25.60 | 25.63 | |
| 20 | QPSK | 100 | 0 | 25.57 | 25.66 | 25.54 | 25.63 | 25.56 | |
| 20 | 16QAM | 1 | 0 | 25.67 | 25.72 | 25.71 | 25.67 | 25.42 | 26.5 |
| 20 | 16QAM | 1 | 49 | 25.66 | 25.72 | 25.63 | 25.89 | 25.80 | |
| 20 | 16QAM | 1 | 99 | 25.64 | 25.73 | 25.63 | 25.49 | 25.63 | |
| 20 | 16QAM | 50 | 0 | 24.61 | 24.68 | 24.57 | 24.63 | 24.53 | 25.5 |
| 20 | 16QAM | 50 | 24 | 24.61 | 24.68 | 24.58 | 24.81 | 24.66 | |
| 20 | 16QAM | 50 | 50 | 24.61 | 24.70 | 24.56 | 24.65 | 24.66 | |
| 20 | 16QAM | 100 | 0 | 24.62 | 24.68 | 24.56 | 24.67 | 24.59 | |
| 20 | 64QAM | 1 | 0 | 24.48 | 24.50 | 24.49 | 24.46 | 24.28 | 25.5 |
| 20 | 64QAM | 1 | 49 | 24.51 | 24.58 | 24.45 | 24.80 | 24.64 | |
| 20 | 64QAM | 1 | 99 | 24.50 | 24.61 | 24.52 | 24.38 | 23.91 | |
| 20 | 64QAM | 50 | 0 | 23.61 | 23.68 | 23.59 | 23.65 | 23.52 | 24.5 |
| 20 | 64QAM | 50 | 24 | 23.63 | 23.70 | 23.58 | 23.77 | 23.66 | |
| 20 | 64QAM | 50 | 50 | 23.63 | 23.71 | 23.58 | 23.66 | 23.52 | |
| 20 | 64QAM | 100 | 0 | 23.62 | 23.69 | 23.57 | 23.68 | 23.59 | |
| 20 | 256QAM | 1 | 0 | 21.75 | 21.79 | 21.84 | 21.77 | 21.50 | 22.5 |
| 20 | 256QAM | 1 | 49 | 21.64 | 21.68 | 21.70 | 21.92 | 21.84 | |
| 20 | 256QAM | 1 | 99 | 21.73 | 21.77 | 21.75 | 21.49 | 21.84 | |
| 20 | 256QAM | 50 | 0 | 21.89 | 21.91 | 21.91 | 21.92 | 21.78 | 22.5 |
| 20 | 256QAM | 50 | 24 | 21.88 | 21.88 | 21.92 | 22.01 | 21.90 | |
| 20 | 256QAM | 50 | 50 | 21.81 | 21.86 | 21.85 | 21.82 | 21.86 | |
| 20 | 256QAM | 100 | 0 | 21.84 | 21.83 | 21.88 | 21.88 | 21.79 | |
| 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 | 26.33 | 26.41 | 26.38 | 26.49 | 26.25 | 27.5 |
| 15 | QPSK | 1 | 37 | 26.34 | 26.43 | 26.33 | 26.51 | 26.50 | |
| 15 | QPSK | 1 | 74 | 26.38 | 26.52 | 26.42 | 26.40 | 26.43 | |
| 15 | QPSK | 36 | 0 | 25.47 | 25.61 | 25.54 | 25.63 | 25.53 | 26.5 |
| 15 | QPSK | 36 | 20 | 25.56 | 25.63 | 25.55 | 25.68 | 25.62 | |
| 15 | QPSK | 36 | 39 | 25.56 | 25.63 | 25.52 | 25.65 | 25.61 | |
| 15 | QPSK | 75 | 0 | 25.56 | 25.63 | 25.53 | 25.63 | 25.59 | |
| 15 | 16QAM | 1 | 0 | 25.60 | 25.71 | 25.67 | 25.78 | 25.56 | 26.5 |
| 15 | 16QAM | 1 | 37 | 25.59 | 25.68 | 25.58 | 25.86 | 25.74 | |
| 15 | 16QAM | 1 | 74 | 25.66 | 25.82 | 25.71 | 25.70 | 25.68 | |
| 15 | 16QAM | 36 | 0 | 24.46 | 24.58 | 24.50 | 24.63 | 24.49 | 25.5 |
| 15 | 16QAM | 36 | 20 | 24.53 | 24.58 | 24.50 | 24.65 | 24.61 | |
| 15 | 16QAM | 36 | 39 | 24.55 | 24.62 | 24.50 | 24.66 | 24.60 | |
| 15 | 16QAM | 75 | 0 | 24.57 | 24.63 | 24.53 | 24.63 | 24.58 | |
| 15 | 64QAM | 1 | 0 | 24.41 | 24.51 | 24.49 | 24.61 | 24.39 | 25.5 |
| 15 | 64QAM | 1 | 37 | 24.51 | 24.58 | 24.48 | 24.81 | 24.51 | |
| 15 | 64QAM | 1 | 74 | 24.51 | 24.71 | 24.58 | 24.51 | 24.18 | |
| 15 | 64QAM | 36 | 0 | 23.49 | 23.62 | 23.55 | 23.65 | 23.54 | 24.5 |
| 15 | 64QAM | 36 | 20 | 23.58 | 23.66 | 23.54 | 23.70 | 23.56 | |
| 15 | 64QAM | 36 | 39 | 23.58 | 23.65 | 23.54 | 23.69 | 23.49 | |
| 15 | 64QAM | 75 | 0 | 23.58 | 23.66 | 23.55 | 23.65 | 23.58 | |
| 15 | 256QAM | 1 | 0 | 21.66 | 21.79 | 21.76 | 21.76 | 21.41 | 22.5 |
| 15 | 256QAM | 1 | 37 | 21.58 | 21.64 | 21.60 | 21.92 | 21.80 | |
| 15 | 256QAM | 1 | 74 | 21.71 | 21.71 | 21.67 | 21.46 | 21.84 | |
| 15 | 256QAM | 36 | 0 | 21.88 | 21.81 | 21.89 | 21.82 | 21.74 | 22.5 |
| 15 | 256QAM | 36 | 20 | 21.81 | 21.78 | 21.88 | 21.96 | 21.86 | |
| 15 | 256QAM | 36 | 39 | 21.75 | 21.76 | 21.85 | 21.75 | 21.86 | |
| 15 | 256QAM | 75 | 0 | 21.80 | 21.76 | 21.88 | 21.85 | 21.71 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 26.36 | 26.35 | 26.40 | 26.29 | 26.24 | 27.5 |
| 10 | QPSK | 1 | 25 | 26.33 | 26.42 | 26.32 | 26.53 | 26.40 | |
| 10 | QPSK | 1 | 49 | 26.43 | 26.51 | 26.33 | 26.40 | 26.12 | |
| 10 | QPSK | 25 | 0 | 25.55 | 25.63 | 25.54 | 25.64 | 25.59 | 26.5 |
| 10 | QPSK | 25 | 12 | 25.57 | 25.67 | 25.59 | 25.80 | 25.67 | |
| 10 | QPSK | 25 | 25 | 25.57 | 25.66 | 25.54 | 25.72 | 25.56 | |
| 10 | QPSK | 50 | 0 | 25.57 | 25.66 | 25.54 | 25.73 | 25.57 | |
| 10 | 16QAM | 1 | 0 | 25.77 | 25.77 | 25.75 | 25.66 | 25.62 | 26.5 |
| 10 | 16QAM | 1 | 25 | 25.71 | 25.80 | 25.71 | 25.92 | 25.77 | |
| 10 | 16QAM | 1 | 49 | 25.74 | 25.84 | 25.71 | 25.71 | 25.52 | |
| 10 | 16QAM | 25 | 0 | 24.54 | 24.62 | 24.58 | 24.68 | 24.64 | 25.5 |
| 10 | 16QAM | 25 | 12 | 24.59 | 24.70 | 24.61 | 24.86 | 24.71 | |
| 10 | 16QAM | 25 | 25 | 24.55 | 24.63 | 24.53 | 24.73 | 24.58 | |
| 10 | 16QAM | 50 | 0 | 24.59 | 24.70 | 24.59 | 24.75 | 24.61 | |
| 10 | 64QAM | 1 | 0 | 24.68 | 24.65 | 24.64 | 24.52 | 24.48 | 25.5 |
| 10 | 64QAM | 1 | 25 | 24.64 | 24.80 | 24.61 | 24.80 | 24.52 | |
| 10 | 64QAM | 1 | 49 | 24.65 | 24.75 | 24.62 | 24.60 | 24.21 | |
| 10 | 64QAM | 25 | 0 | 23.65 | 23.70 | 23.64 | 23.72 | 23.63 | 24.5 |
| 10 | 64QAM | 25 | 12 | 23.67 | 23.75 | 23.67 | 23.91 | 23.59 | |
| 10 | 64QAM | 25 | 25 | 23.63 | 23.73 | 23.62 | 23.79 | 23.48 | |
| 10 | 64QAM | 50 | 0 | 23.59 | 23.66 | 23.61 | 23.77 | 23.48 | |
| 10 | 256QAM | 1 | 0 | 21.68 | 21.71 | 21.77 | 21.67 | 21.44 | 22.5 |
| 10 | 256QAM | 1 | 25 | 21.64 | 21.60 | 21.70 | 21.89 | 21.83 | |
| 10 | 256QAM | 1 | 49 | 21.65 | 21.75 | 21.66 | 21.47 | 21.78 | |
| 10 | 256QAM | 25 | 0 | 21.88 | 21.81 | 21.90 | 21.89 | 21.73 | 22.5 |
| 10 | 256QAM | 25 | 12 | 21.80 | 21.86 | 21.90 | 21.94 | 21.87 | |
| 10 | 256QAM | 25 | 25 | 21.76 | 21.78 | 21.76 | 21.72 | 21.78 | |
| 10 | 256QAM | 50 | 0 | 21.82 | 21.83 | 21.80 | 21.85 | 21.73 | |
| 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 | 26.38 | 26.43 | 26.36 | 26.53 | 26.46 | 27.5 |
| 5 | QPSK | 1 | 12 | 26.38 | 26.46 | 26.40 | 26.52 | 26.46 | |
| 5 | QPSK | 1 | 24 | 26.40 | 26.43 | 26.34 | 26.51 | 26.38 | |
| 5 | QPSK | 12 | 0 | 25.55 | 25.62 | 25.54 | 25.72 | 25.61 | 26.5 |
| 5 | QPSK | 12 | 7 | 25.61 | 25.64 | 25.56 | 25.75 | 25.67 | |
| 5 | QPSK | 12 | 13 | 25.57 | 25.64 | 25.55 | 25.76 | 25.64 | |
| 5 | QPSK | 25 | 0 | 25.52 | 25.61 | 25.54 | 25.69 | 25.59 | |
| 5 | 16QAM | 1 | 0 | 25.76 | 25.78 | 25.72 | 25.84 | 25.78 | 26.5 |
| 5 | 16QAM | 1 | 12 | 25.70 | 25.80 | 25.73 | 25.91 | 25.74 | |
| 5 | 16QAM | 1 | 24 | 25.72 | 25.81 | 25.76 | 25.90 | 25.73 | |
| 5 | 16QAM | 12 | 0 | 24.59 | 24.64 | 24.58 | 24.76 | 24.65 | 25.5 |
| 5 | 16QAM | 12 | 7 | 24.62 | 24.69 | 24.64 | 24.76 | 24.72 | |
| 5 | 16QAM | 12 | 13 | 24.58 | 24.67 | 24.60 | 24.80 | 24.64 | |
| 5 | 16QAM | 25 | 0 | 24.60 | 24.65 | 24.60 | 24.76 | 24.68 | |
| 5 | 64QAM | 1 | 0 | 24.61 | 24.66 | 24.60 | 24.75 | 24.57 | 25.5 |
| 5 | 64QAM | 1 | 12 | 24.60 | 24.69 | 24.61 | 24.84 | 24.52 | |
| 5 | 64QAM | 1 | 24 | 24.63 | 24.71 | 24.65 | 24.82 | 24.44 | |
| 5 | 64QAM | 12 | 0 | 23.60 | 23.65 | 23.57 | 23.78 | 23.59 | 24.5 |
| 5 | 64QAM | 12 | 7 | 23.65 | 23.73 | 23.65 | 23.82 | 23.58 | |
| 5 | 64QAM | 12 | 13 | 23.59 | 23.70 | 23.59 | 23.83 | 23.53 | |
| 5 | 64QAM | 25 | 0 | 23.60 | 23.70 | 23.63 | 23.81 | 23.53 | |
| 5 | 256QAM | 1 | 0 | 21.74 | 21.71 | 21.78 | 21.74 | 21.45 | 22.5 |
| 5 | 256QAM | 1 | 12 | 21.59 | 21.58 | 21.66 | 21.91 | 21.77 | |
| 5 | 256QAM | 1 | 24 | 21.68 | 21.67 | 21.67 | 21.49 | 21.77 | |
| 5 | 256QAM | 12 | 0 | 21.81 | 21.90 | 21.81 | 21.89 | 21.71 | 22.5 |
| 5 | 256QAM | 12 | 7 | 21.88 | 21.79 | 21.85 | 21.91 | 21.83 | |
| 5 | 256QAM | 12 | 13 | 21.71 | 21.78 | 21.75 | 21.75 | 21.82 | |
| 5 | 256QAM | 25 | 0 | 21.74 | 21.77 | 21.79 | 21.83 | 21.79 | |

## Band 48_Ant 7

| 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 | 22.10 | 22.18 | 22.38 | 22.16 | 24.1 |
| 20 | QPSK | 1 | 49 | 22.12 | 22.16 | 22.30 | 22.10 | |
| 20 | QPSK | 1 | 99 | 22.22 | 22.31 | 22.38 | 22.22 | |
| 20 | QPSK | 50 | 0 | 22.23 | 22.27 | 22.45 | 22.21 | 24.1 |
| 20 | QPSK | 50 | 24 | 22.27 | 22.32 | 22.48 | 22.23 | |
| 20 | QPSK | 50 | 50 | 22.26 | 22.31 | 22.39 | 22.17 | |
| 20 | QPSK | 100 | 0 | 22.23 | 22.31 | 22.46 | 22.23 | |
| 20 | 16QAM | 1 | 0 | 22.14 | 22.34 | 22.54 | 22.32 | 24.1 |
| 20 | 16QAM | 1 | 49 | 22.08 | 22.25 | 22.41 | 22.19 | |
| 20 | 16QAM | 1 | 99 | 22.26 | 22.46 | 22.54 | 22.33 | 23.7 |
| 20 | 16QAM | 50 | 0 | 22.16 | 22.33 | 22.50 | 22.28 | |
| 20 | 16QAM | 50 | 24 | 22.18 | 22.36 | 22.53 | 22.28 | |
| 20 | 16QAM | 50 | 50 | 22.17 | 22.36 | 22.44 | 22.22 | |
| 20 | 16QAM | 100 | 0 | 22.17 | 22.35 | 22.50 | 22.26 | |
| 20 | 64QAM | 1 | 0 | 21.66 | 21.86 | 22.10 | 21.88 | 23.7 |
| 20 | 64QAM | 1 | 49 | 21.68 | 21.86 | 21.99 | 21.77 | |
| 20 | 64QAM | 1 | 99 | 21.67 | 22.03 | 22.09 | 21.87 | |
| 20 | 64QAM | 50 | 0 | 21.44 | 21.62 | 21.80 | 21.57 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.48 | 21.66 | 21.81 | 21.56 | |
| 20 | 64QAM | 50 | 50 | 21.48 | 21.66 | 21.73 | 21.52 | |
| 20 | 64QAM | 100 | 0 | 21.46 | 21.64 | 21.80 | 21.56 | |
| 20 | 256QAM | 1 | 0 | 19.20 | 19.33 | 19.59 | 19.40 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.14 | 19.31 | 19.50 | 19.28 | |
| 20 | 256QAM | 1 | 99 | 19.30 | 19.49 | 19.50 | 19.36 | 20.7 |
| 20 | 256QAM | 50 | 0 | 19.51 | 19.64 | 19.81 | 19.65 | |
| 20 | 256QAM | 50 | 24 | 19.53 | 19.66 | 19.82 | 19.64 | |
| 20 | 256QAM | 50 | 50 | 19.51 | 19.66 | 19.77 | 19.58 | |
| 20 | 256QAM | 100 | 0 | 19.50 | 19.61 | 19.78 | 19.61 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 21.93 | 22.16 | 22.29 | 22.09 | 24.1 |
| 15 | QPSK | 1 | 37 | 21.92 | 22.06 | 22.20 | 22.02 | |
| 15 | QPSK | 1 | 74 | 22.01 | 22.24 | 22.35 | 22.19 | |
| 15 | QPSK | 36 | 0 | 22.10 | 22.20 | 22.41 | 22.18 | 24.1 |
| 15 | QPSK | 36 | 20 | 22.05 | 22.28 | 22.39 | 22.15 | |
| 15 | QPSK | 36 | 39 | 22.11 | 22.30 | 22.39 | 22.07 | |
| 15 | QPSK | 75 | 0 | 22.06 | 22.29 | 22.36 | 22.19 | |
| 15 | 16QAM | 1 | 0 | 22.14 | 22.24 | 22.45 | 22.29 | 24.1 |
| 15 | 16QAM | 1 | 37 | 21.98 | 22.25 | 22.41 | 22.14 | |
| 15 | 16QAM | 1 | 74 | 22.19 | 22.46 | 22.51 | 22.30 | |
| 15 | 16QAM | 36 | 0 | 22.13 | 22.25 | 22.41 | 22.28 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.11 | 22.32 | 22.47 | 22.24 | |
| 15 | 16QAM | 36 | 39 | 22.12 | 22.27 | 22.42 | 22.12 | |
| 15 | 16QAM | 75 | 0 | 22.13 | 22.25 | 22.49 | 22.17 | |
| 15 | 64QAM | 1 | 0 | 21.60 | 21.77 | 22.04 | 21.82 | 23.7 |
| 15 | 64QAM | 1 | 37 | 21.64 | 21.81 | 21.98 | 21.68 | |
| 15 | 64QAM | 1 | 74 | 21.79 | 22.02 | 22.00 | 21.78 | |
| 15 | 64QAM | 36 | 0 | 21.37 | 21.52 | 21.75 | 21.48 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.40 | 21.56 | 21.72 | 21.46 | |
| 15 | 64QAM | 36 | 39 | 21.44 | 21.60 | 21.65 | 21.48 | |
| 15 | 64QAM | 75 | 0 | 21.37 | 21.62 | 21.75 | 21.53 | |
| 15 | 256QAM | 1 | 0 | 19.18 | 19.26 | 19.51 | 19.37 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.09 | 19.30 | 19.42 | 19.22 | |
| 15 | 256QAM | 1 | 74 | 19.28 | 19.49 | 19.43 | 19.36 | 20.7 |
| 15 | 256QAM | 36 | 0 | 19.44 | 19.54 | 19.71 | 19.59 | |
| 15 | 256QAM | 36 | 20 | 19.48 | 19.64 | 19.74 | 19.60 | |
| 15 | 256QAM | 36 | 39 | 19.49 | 19.66 | 19.69 | 19.53 | |
| 15 | 256QAM | 75 | 0 | 19.46 | 19.52 | 19.77 | 19.52 | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 21.98 | 22.16 | 22.36 | 22.14 | 24.1 |
| 10 | QPSK | 1 | 25 | 22.00 | 22.15 | 22.22 | 21.97 | |
| 10 | QPSK | 1 | 49 | 22.03 | 22.22 | 22.37 | 22.18 | |
| 10 | QPSK | 25 | 0 | 22.01 | 22.24 | 22.35 | 22.21 | 24.1 |
| 10 | QPSK | 25 | 12 | 22.08 | 22.22 | 22.39 | 22.21 | |
| 10 | QPSK | 25 | 25 | 22.14 | 22.31 | 22.34 | 22.14 | |
| 10 | QPSK | 50 | 0 | 22.06 | 22.23 | 22.40 | 22.15 | |
| 10 | 16QAM | 1 | 0 | 22.10 | 22.26 | 22.46 | 22.30 | 24.1 |
| 10 | 16QAM | 1 | 25 | 22.03 | 22.25 | 22.40 | 22.19 | |
| 10 | 16QAM | 1 | 49 | 22.16 | 22.36 | 22.46 | 22.32 | |
| 10 | 16QAM | 25 | 0 | 22.09 | 22.28 | 22.46 | 22.25 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.17 | 22.36 | 22.45 | 22.22 | |
| 10 | 16QAM | 25 | 25 | 22.12 | 22.35 | 22.44 | 22.16 | |
| 10 | 16QAM | 50 | 0 | 22.15 | 22.28 | 22.45 | 22.23 | |
| 10 | 64QAM | 1 | 0 | 21.59 | 21.85 | 22.05 | 21.79 | 23.7 |
| 10 | 64QAM | 1 | 25 | 21.66 | 21.86 | 21.92 | 21.70 | |
| 10 | 64QAM | 1 | 49 | 21.85 | 22.02 | 22.03 | 21.85 | |
| 10 | 64QAM | 25 | 0 | 21.43 | 21.54 | 21.70 | 21.48 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.38 | 21.57 | 21.74 | 21.49 | |
| 10 | 64QAM | 25 | 25 | 21.45 | 21.58 | 21.69 | 21.49 | |
| 10 | 64QAM | 50 | 0 | 21.46 | 21.55 | 21.74 | 21.52 | |
| 10 | 256QAM | 1 | 0 | 19.16 | 19.27 | 19.50 | 19.32 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.08 | 19.27 | 19.43 | 19.22 | |
| 10 | 256QAM | 1 | 49 | 19.23 | 19.41 | 19.48 | 19.35 | |
| 10 | 256QAM | 25 | 0 | 19.51 | 19.55 | 19.79 | 19.64 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.48 | 19.59 | 19.75 | 19.63 | |
| 10 | 256QAM | 25 | 25 | 19.47 | 19.59 | 19.67 | 19.53 | |
| 10 | 256QAM | 50 | 0 | 19.48 | 19.54 | 19.70 | 19.53 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 21.94 | 22.10 | 22.29 | 22.14 | 24.1 |
| 5 | QPSK | 1 | 12 | 21.98 | 22.13 | 22.21 | 21.96 | |
| 5 | QPSK | 1 | 24 | 22.07 | 22.29 | 22.29 | 22.17 | |
| 5 | QPSK | 12 | 0 | 22.03 | 22.24 | 22.45 | 22.12 | 24.1 |
| 5 | QPSK | 12 | 7 | 22.12 | 22.21 | 22.46 | 22.13 | |
| 5 | QPSK | 12 | 13 | 22.14 | 22.34 | 22.31 | 22.11 | |
| 5 | QPSK | 25 | 0 | 22.03 | 22.27 | 22.36 | 22.18 | |
| 5 | 16QAM | 1 | 0 | 22.09 | 22.32 | 22.50 | 22.23 | 24.1 |
| 5 | 16QAM | 1 | 12 | 22.06 | 22.15 | 22.35 | 22.16 | |
| 5 | 16QAM | 1 | 24 | 22.25 | 22.44 | 22.48 | 22.24 | |
| 5 | 16QAM | 12 | 0 | 22.13 | 22.25 | 22.43 | 22.22 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.14 | 22.27 | 22.43 | 22.21 | |
| 5 | 16QAM | 12 | 13 | 22.13 | 22.32 | 22.35 | 22.20 | |
| 5 | 16QAM | 25 | 0 | 22.07 | 22.32 | 22.48 | 22.16 | |
| 5 | 64QAM | 1 | 0 | 21.62 | 21.85 | 22.10 | 21.85 | 23.7 |
| 5 | 64QAM | 1 | 12 | 21.68 | 21.78 | 21.95 | 21.68 | |
| 5 | 64QAM | 1 | 24 | 21.87 | 21.96 | 22.01 | 21.87 | |
| 5 | 64QAM | 12 | 0 | 21.39 | 21.62 | 21.70 | 21.52 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.40 | 21.62 | 21.80 | 21.53 | |
| 5 | 64QAM | 12 | 13 | 21.44 | 21.60 | 21.67 | 21.42 | |
| 5 | 64QAM | 25 | 0 | 21.38 | 21.58 | 21.80 | 21.52 | |
| 5 | 256QAM | 1 | 0 | 19.16 | 19.27 | 19.50 | 19.35 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.08 | 19.25 | 19.48 | 19.18 | |
| 5 | 256QAM | 1 | 24 | 19.28 | 19.48 | 19.47 | 19.27 | |
| 5 | 256QAM | 12 | 0 | 19.48 | 19.62 | 19.71 | 19.62 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.53 | 19.62 | 19.76 | 19.57 | |
| 5 | 256QAM | 12 | 13 | 19.42 | 19.61 | 19.67 | 19.48 | |
| 5 | 256QAM | 25 | 0 | 19.47 | 19.55 | 19.74 | 19.53 | |

## Band 38_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2590 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 23.42 | 23.33 | 23.25 | 25.2 |
| 20 | QPSK | 1 | 49 | 23.42 | 23.35 | 23.27 | |
| 20 | QPSK | 1 | 99 | 23.40 | 23.28 | 23.29 | |
| 20 | QPSK | 50 | 0 | 22.59 | 22.42 | 22.40 | 24.2 |
| 20 | QPSK | 50 | 24 | 22.55 | 22.42 | 22.42 | |
| 20 | QPSK | 50 | 50 | 22.55 | 22.42 | 22.40 | |
| 20 | QPSK | 100 | 0 | 22.56 | 22.41 | 22.42 | |
| 20 | 16QAM | 1 | 0 | 22.57 | 22.48 | 22.40 | 24.2 |
| 20 | 16QAM | 1 | 49 | 22.52 | 22.48 | 22.37 | |
| 20 | 16QAM | 1 | 99 | 22.57 | 22.47 | 22.44 | |
| 20 | 16QAM | 50 | 0 | 21.62 | 21.45 | 21.44 | 23.2 |
| 20 | 16QAM | 50 | 24 | 21.59 | 21.44 | 21.44 | |
| 20 | 16QAM | 50 | 50 | 21.59 | 21.44 | 21.45 | |
| 20 | 16QAM | 100 | 0 | 21.59 | 21.44 | 21.44 | |
| 20 | 64QAM | 1 | 0 | 21.28 | 21.22 | 21.22 | 23.2 |
| 20 | 64QAM | 1 | 49 | 21.33 | 21.26 | 21.15 | |
| 20 | 64QAM | 1 | 99 | 21.37 | 21.23 | 21.19 | |
| 20 | 64QAM | 50 | 0 | 20.62 | 20.46 | 20.44 | 22.2 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.47 | 20.45 | |
| 20 | 64QAM | 50 | 50 | 20.59 | 20.45 | 20.44 | |
| 20 | 64QAM | 100 | 0 | 20.60 | 20.42 | 20.44 | |
| 20 | 256QAM | 1 | 0 | 18.46 | 18.38 | 18.36 | 20.2 |
| 20 | 256QAM | 1 | 49 | 18.35 | 18.26 | 18.27 | |
| 20 | 256QAM | 1 | 99 | 18.34 | 18.15 | 18.14 | |
| 20 | 256QAM | 50 | 0 | 18.71 | 18.52 | 18.50 | 20.2 |
| 20 | 256QAM | 50 | 24 | 18.68 | 18.51 | 18.45 | |
| 20 | 256QAM | 50 | 50 | 18.63 | 18.39 | 18.33 | |
| 20 | 256QAM | 100 | 0 | 18.62 | 18.47 | 18.46 | |
| Channel | | | | 37925 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 23.38 | 23.28 | 23.21 | 25.2 |
| 15 | QPSK | 1 | 37 | 23.40 | 23.26 | 23.22 | |
| 15 | QPSK | 1 | 74 | 23.34 | 23.23 | 23.27 | |
| 15 | QPSK | 36 | 0 | 22.56 | 22.34 | 22.34 | 24.2 |
| 15 | QPSK | 36 | 20 | 22.55 | 22.39 | 22.39 | |
| 15 | QPSK | 36 | 39 | 22.46 | 22.42 | 22.30 | |
| 15 | QPSK | 75 | 0 | 22.49 | 22.31 | 22.40 | |
| 15 | 16QAM | 1 | 0 | 22.47 | 22.45 | 22.34 | 24.2 |
| 15 | 16QAM | 1 | 37 | 22.42 | 22.39 | 22.28 | |
| 15 | 16QAM | 1 | 74 | 22.54 | 22.39 | 22.37 | |
| 15 | 16QAM | 36 | 0 | 21.59 | 21.41 | 21.44 | 23.2 |
| 15 | 16QAM | 36 | 20 | 21.49 | 21.37 | 21.41 | |
| 15 | 16QAM | 36 | 39 | 21.58 | 21.37 | 21.39 | |
| 15 | 16QAM | 75 | 0 | 21.51 | 21.44 | 21.38 | |
| 15 | 64QAM | 1 | 0 | 21.26 | 21.23 | 21.21 | 23.2 |
| 15 | 64QAM | 1 | 37 | 21.31 | 21.23 | 21.22 | |
| 15 | 64QAM | 1 | 74 | 21.32 | 21.23 | 21.23 | |
| 15 | 64QAM | 36 | 0 | 20.57 | 20.44 | 20.40 | 22.2 |
| 15 | 64QAM | 36 | 20 | 20.61 | 20.43 | 20.37 | |
| 15 | 64QAM | 36 | 39 | 20.50 | 20.45 | 20.37 | |
| 15 | 64QAM | 75 | 0 | 20.54 | 20.37 | 20.39 | |
| 15 | 256QAM | 1 | 0 | 18.39 | 18.31 | 18.30 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.31 | 18.26 | 18.25 | |
| 15 | 256QAM | 1 | 74 | 18.32 | 18.23 | 18.23 | |
| 15 | 256QAM | 36 | 0 | 18.61 | 18.45 | 18.46 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.63 | 18.47 | 18.35 | |
| 15 | 256QAM | 36 | 39 | 18.53 | 18.38 | 18.31 | |
| 15 | 256QAM | 75 | 0 | 18.61 | 18.47 | 18.38 | |
| Channel | | | | 37900 | 38000 | 38100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 23.38 | 23.27 | 23.21 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.34 | 23.34 | 23.27 | |
| 10 | QPSK | 1 | 49 | 23.31 | 23.28 | 23.24 | |
| 10 | QPSK | 25 | 0 | 22.55 | 22.41 | 22.36 | 24.2 |
| 10 | QPSK | 25 | 12 | 22.53 | 22.36 | 22.33 | |
| 10 | QPSK | 25 | 25 | 22.53 | 22.38 | 22.35 | |
| 10 | QPSK | 50 | 0 | 22.51 | 22.38 | 22.36 | |
| 10 | 16QAM | 1 | 0 | 22.47 | 22.38 | 22.31 | 24.2 |
| 10 | 16QAM | 1 | 25 | 22.44 | 22.39 | 22.37 | |
| 10 | 16QAM | 1 | 49 | 22.54 | 22.46 | 22.34 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.43 | 21.42 | 23.2 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.35 | 21.34 | |
| 10 | 16QAM | 25 | 25 | 21.53 | 21.44 | 21.44 | |
| 10 | 16QAM | 50 | 0 | 21.52 | 21.40 | 21.42 | |
| 10 | 64QAM | 1 | 0 | 21.27 | 21.22 | 21.22 | 23.2 |
| 10 | 64QAM | 1 | 25 | 21.27 | 21.22 | 21.22 | |
| 10 | 64QAM | 1 | 49 | 21.33 | 21.21 | 21.23 | |
| 10 | 64QAM | 25 | 0 | 20.62 | 20.41 | 20.35 | 22.2 |
| 10 | 64QAM | 25 | 12 | 20.58 | 20.44 | 20.35 | |
| 10 | 64QAM | 25 | 25 | 20.55 | 20.42 | 20.38 | |
| 10 | 64QAM | 50 | 0 | 20.55 | 20.36 | 20.37 | |
| 10 | 256QAM | 1 | 0 | 18.39 | 18.31 | 18.32 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.28 | 18.24 | 18.21 | |
| 10 | 256QAM | 1 | 49 | 18.31 | 18.24 | 18.22 | |
| 10 | 256QAM | 25 | 0 | 18.64 | 18.42 | 18.46 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.64 | 18.43 | 18.35 | |
| 10 | 256QAM | 25 | 25 | 18.56 | 18.30 | 18.24 | |
| 10 | 256QAM | 50 | 0 | 18.58 | 18.41 | 18.45 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 23.39 | 23.24 | 23.25 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.41 | 23.28 | 23.20 | |
| 5 | QPSK | 1 | 24 | 23.32 | 23.21 | 23.21 | |
| 5 | QPSK | 12 | 0 | 22.56 | 22.34 | 22.31 | 24.2 |
| 5 | QPSK | 12 | 7 | 22.48 | 22.36 | 22.35 | |
| 5 | QPSK | 12 | 13 | 22.55 | 22.32 | 22.36 | |
| 5 | QPSK | 25 | 0 | 22.53 | 22.41 | 22.37 | |
| 5 | 16QAM | 1 | 0 | 22.47 | 22.42 | 22.38 | 24.2 |
| 5 | 16QAM | 1 | 12 | 22.44 | 22.44 | 22.28 | |
| 5 | 16QAM | 1 | 24 | 22.54 | 22.42 | 22.39 | |
| 5 | 16QAM | 12 | 0 | 21.54 | 21.43 | 21.37 | 23.2 |
| 5 | 16QAM | 12 | 7 | 21.59 | 21.36 | 21.44 | |
| 5 | 16QAM | 12 | 13 | 21.59 | 21.43 | 21.36 | |
| 5 | 16QAM | 25 | 0 | 21.59 | 21.40 | 21.34 | |
| 5 | 64QAM | 1 | 0 | 21.20 | 21.25 | 21.22 | 23.2 |
| 5 | 64QAM | 1 | 12 | 21.31 | 21.23 | 21.23 | |
| 5 | 64QAM | 1 | 24 | 21.30 | 21.23 | 21.21 | |
| 5 | 64QAM | 12 | 0 | 20.54 | 20.39 | 20.38 | 22.2 |
| 5 | 64QAM | 12 | 7 | 20.56 | 20.37 | 20.35 | |
| 5 | 64QAM | 12 | 13 | 20.53 | 20.45 | 20.38 | |
| 5 | 64QAM | 25 | 0 | 20.60 | 20.35 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 18.45 | 18.37 | 18.34 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.28 | 18.24 | 18.27 | |
| 5 | 256QAM | 1 | 24 | 18.28 | 18.20 | 18.22 | |
| 5 | 256QAM | 12 | 0 | 18.63 | 18.51 | 18.40 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.63 | 18.42 | 18.42 | |
| 5 | 256QAM | 12 | 13 | 18.56 | 18.39 | 18.27 | |
| 5 | 256QAM | 25 | 0 | 18.52 | 18.39 | 18.45 | |

## Band 41_Ant 0

| 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 23.93 | 23.99 | 23.83 | 23.74 | 23.72 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.99 | 24.01 | 23.84 | 24.09 | 24.02 | |
| 20 | QPSK | 1 | 99 | 23.98 | 23.99 | 23.83 | 23.76 | 23.94 | |
| 20 | QPSK | 50 | 0 | 23.16 | 23.19 | 22.95 | 22.97 | 22.98 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.18 | 23.19 | 22.94 | 23.12 | 23.13 | |
| 20 | QPSK | 50 | 50 | 23.14 | 23.18 | 22.93 | 23.03 | 23.11 | |
| 20 | QPSK | 100 | 0 | 23.15 | 23.19 | 22.95 | 23.03 | 23.05 | |
| 20 | 16QAM | 1 | 0 | 23.11 | 23.13 | 22.97 | 22.85 | 22.72 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.10 | 23.11 | 22.89 | 23.15 | 23.13 | |
| 20 | 16QAM | 1 | 99 | 23.11 | 23.12 | 22.96 | 22.68 | 23.03 | |
| 20 | 16QAM | 50 | 0 | 22.19 | 22.21 | 21.97 | 22.01 | 22.01 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.20 | 22.21 | 21.99 | 22.17 | 22.16 | |
| 20 | 16QAM | 50 | 50 | 22.18 | 22.19 | 21.97 | 22.05 | 22.15 | |
| 20 | 16QAM | 100 | 0 | 22.15 | 22.21 | 21.94 | 22.04 | 22.06 | |
| 20 | 64QAM | 1 | 0 | 21.80 | 21.84 | 21.59 | 21.52 | 21.42 | 23.5 |
| 20 | 64QAM | 1 | 49 | 21.85 | 21.84 | 21.68 | 21.92 | 21.96 | |
| 20 | 64QAM | 1 | 99 | 21.87 | 21.91 | 21.72 | 21.37 | 21.78 | |
| 20 | 64QAM | 50 | 0 | 21.19 | 21.21 | 20.98 | 21.02 | 21.00 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.19 | 21.24 | 21.00 | 21.17 | 21.17 | |
| 20 | 64QAM | 50 | 50 | 21.19 | 21.21 | 20.97 | 21.05 | 21.14 | |
| 20 | 64QAM | 100 | 0 | 21.18 | 21.23 | 20.98 | 21.07 | 21.07 | |
| 20 | 256QAM | 1 | 0 | 19.03 | 18.94 | 18.92 | 18.70 | 18.59 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.93 | 18.86 | 18.74 | 18.92 | 18.95 | |
| 20 | 256QAM | 1 | 99 | 18.99 | 18.94 | 18.74 | 18.49 | 18.83 | |
| 20 | 256QAM | 50 | 0 | 19.31 | 19.20 | 19.11 | 19.15 | 19.11 | 20.5 |
| 20 | 256QAM | 50 | 24 | 19.25 | 19.21 | 19.09 | 19.29 | 19.25 | |
| 20 | 256QAM | 50 | 50 | 19.22 | 19.18 | 19.02 | 19.08 | 19.16 | |
| 20 | 256QAM | 100 | 0 | 19.20 | 19.15 | 19.02 | 19.09 | 19.12 | |
| 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 | 23.91 | 23.98 | 23.77 | 23.85 | 23.76 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.88 | 23.95 | 23.78 | 24.02 | 23.94 | |
| 15 | QPSK | 1 | 74 | 23.94 | 24.07 | 23.82 | 23.83 | 23.97 | |
| 15 | QPSK | 36 | 0 | 23.04 | 23.15 | 22.93 | 23.00 | 23.00 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.12 | 23.15 | 22.90 | 23.06 | 23.12 | |
| 15 | QPSK | 36 | 39 | 23.11 | 23.16 | 22.90 | 23.07 | 23.10 | |
| 15 | QPSK | 75 | 0 | 23.10 | 23.15 | 22.91 | 23.00 | 23.06 | |
| 15 | 16QAM | 1 | 0 | 23.09 | 23.15 | 22.93 | 23.06 | 22.86 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.03 | 23.03 | 22.83 | 23.14 | 23.10 | |
| 15 | 16QAM | 1 | 74 | 23.14 | 23.25 | 23.01 | 22.92 | 23.11 | |
| 15 | 16QAM | 36 | 0 | 22.01 | 22.13 | 21.90 | 21.98 | 21.99 | 23.5 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.14 | 21.89 | 22.03 | 22.07 | |
| 15 | 16QAM | 36 | 39 | 22.09 | 22.11 | 21.87 | 22.04 | 22.07 | |
| 15 | 16QAM | 75 | 0 | 22.13 | 22.17 | 21.95 | 22.04 | 22.07 | |
| 15 | 64QAM | 1 | 0 | 21.72 | 21.84 | 21.65 | 21.74 | 21.57 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.85 | 21.84 | 21.64 | 21.93 | 21.89 | |
| 15 | 64QAM | 1 | 74 | 21.89 | 21.95 | 21.78 | 21.58 | 21.89 | |
| 15 | 64QAM | 36 | 0 | 21.06 | 21.20 | 20.95 | 21.03 | 21.03 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.15 | 21.16 | 20.95 | 21.09 | 21.14 | |
| 15 | 64QAM | 36 | 39 | 21.16 | 21.19 | 20.95 | 21.09 | 21.14 | |
| 15 | 64QAM | 75 | 0 | 21.16 | 21.19 | 20.95 | 21.02 | 21.08 | |
| 15 | 256QAM | 1 | 0 | 19.01 | 18.88 | 18.90 | 18.60 | 18.57 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.84 | 18.84 | 18.70 | 18.84 | 18.91 | |
| 15 | 256QAM | 1 | 74 | 18.94 | 18.93 | 18.69 | 18.45 | 18.74 | |
| 15 | 256QAM | 36 | 0 | 19.26 | 19.13 | 19.05 | 19.07 | 19.01 | 20.5 |
| 15 | 256QAM | 36 | 20 | 19.23 | 19.13 | 19.07 | 19.29 | 19.21 | |
| 15 | 256QAM | 36 | 39 | 19.20 | 19.11 | 18.94 | 19.03 | 19.07 | |
| 15 | 256QAM | 75 | 0 | 19.17 | 19.06 | 18.97 | 18.99 | 19.12 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 23.91 | 23.94 | 23.70 | 23.83 | 23.72 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.81 | 23.85 | 23.70 | 24.02 | 23.87 | |
| 10 | QPSK | 1 | 49 | 23.94 | 23.98 | 23.81 | 23.77 | 23.95 | |
| 10 | QPSK | 25 | 0 | 23.03 | 23.10 | 22.90 | 22.95 | 22.91 | 24.5 |
| 10 | QPSK | 25 | 12 | 23.03 | 23.13 | 22.80 | 23.06 | 23.09 | |
| 10 | QPSK | 25 | 25 | 23.06 | 23.07 | 22.82 | 23.00 | 23.00 | |
| 10 | QPSK | 50 | 0 | 23.05 | 23.12 | 22.84 | 22.93 | 22.99 | |
| 10 | 16QAM | 1 | 0 | 23.00 | 23.05 | 22.90 | 23.03 | 22.82 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.97 | 22.93 | 22.80 | 23.05 | 23.02 | |
| 10 | 16QAM | 1 | 49 | 23.10 | 23.20 | 23.00 | 22.91 | 23.09 | |
| 10 | 16QAM | 25 | 0 | 21.94 | 22.07 | 21.86 | 21.93 | 21.96 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.00 | 22.14 | 21.85 | 22.02 | 22.00 | |
| 10 | 16QAM | 25 | 25 | 22.07 | 22.02 | 21.80 | 21.96 | 22.05 | |
| 10 | 16QAM | 50 | 0 | 22.08 | 22.08 | 21.93 | 21.99 | 22.05 | |
| 10 | 64QAM | 1 | 0 | 21.70 | 21.79 | 21.65 | 21.66 | 21.51 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.77 | 21.80 | 21.60 | 21.86 | 21.79 | |
| 10 | 64QAM | 1 | 49 | 21.80 | 21.86 | 21.73 | 21.56 | 21.85 | |
| 10 | 64QAM | 25 | 0 | 21.00 | 21.20 | 20.87 | 20.96 | 20.97 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.07 | 21.11 | 20.91 | 20.99 | 21.07 | |
| 10 | 64QAM | 25 | 25 | 21.09 | 21.12 | 20.92 | 21.07 | 21.07 | |
| 10 | 64QAM | 50 | 0 | 21.14 | 21.17 | 20.88 | 20.99 | 21.04 | |
| 10 | 256QAM | 1 | 0 | 18.98 | 18.87 | 18.90 | 18.70 | 18.58 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.89 | 18.83 | 18.69 | 18.90 | 18.87 | |
| 10 | 256QAM | 1 | 49 | 18.96 | 18.91 | 18.73 | 18.40 | 18.80 | |
| 10 | 256QAM | 25 | 0 | 19.25 | 19.13 | 19.07 | 19.05 | 19.06 | 20.5 |
| 10 | 256QAM | 25 | 12 | 19.21 | 19.12 | 19.07 | 19.27 | 19.24 | |
| 10 | 256QAM | 25 | 25 | 19.17 | 19.15 | 18.95 | 19.08 | 19.09 | |
| 10 | 256QAM | 50 | 0 | 19.18 | 19.05 | 19.01 | 19.01 | 19.03 | |
| 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 | 23.84 | 23.94 | 23.73 | 23.81 | 23.72 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.80 | 23.91 | 23.75 | 23.92 | 23.85 | |
| 5 | QPSK | 1 | 24 | 23.87 | 23.99 | 23.80 | 23.79 | 23.92 | |
| 5 | QPSK | 12 | 0 | 23.01 | 23.09 | 22.89 | 22.94 | 22.93 | 24.5 |
| 5 | QPSK | 12 | 7 | 23.12 | 23.15 | 22.81 | 22.96 | 23.02 | |
| 5 | QPSK | 12 | 13 | 23.09 | 23.09 | 22.90 | 23.04 | 23.08 | |
| 5 | QPSK | 25 | 0 | 23.02 | 23.07 | 22.86 | 22.91 | 23.00 | |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.05 | 22.92 | 23.02 | 22.84 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.94 | 22.95 | 22.73 | 23.04 | 23.03 | |
| 5 | 16QAM | 1 | 24 | 23.10 | 23.24 | 22.93 | 22.85 | 23.09 | |
| 5 | 16QAM | 12 | 0 | 21.94 | 22.07 | 21.81 | 21.98 | 21.90 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.06 | 22.11 | 21.80 | 21.96 | 21.97 | |
| 5 | 16QAM | 12 | 13 | 22.02 | 22.04 | 21.82 | 21.98 | 21.99 | |
| 5 | 16QAM | 25 | 0 | 22.12 | 22.11 | 21.94 | 22.00 | 21.98 | |
| 5 | 64QAM | 1 | 0 | 21.68 | 21.84 | 21.58 | 21.74 | 21.47 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.76 | 21.83 | 21.59 | 21.89 | 21.85 | |
| 5 | 64QAM | 1 | 24 | 21.82 | 21.88 | 21.73 | 21.49 | 21.82 | |
| 5 | 64QAM | 12 | 0 | 20.98 | 21.12 | 20.90 | 21.01 | 20.93 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.06 | 21.06 | 20.85 | 21.06 | 21.07 | |
| 5 | 64QAM | 12 | 13 | 21.14 | 21.16 | 20.89 | 20.99 | 21.06 | |
| 5 | 64QAM | 25 | 0 | 21.10 | 21.15 | 20.88 | 20.92 | 21.01 | |
| 5 | 256QAM | 1 | 0 | 19.01 | 18.89 | 18.86 | 18.70 | 18.56 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.85 | 18.76 | 18.72 | 18.82 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.94 | 18.88 | 18.72 | 18.49 | 18.80 | |
| 5 | 256QAM | 12 | 0 | 19.21 | 19.10 | 19.03 | 19.07 | 19.05 | 20.5 |
| 5 | 256QAM | 12 | 7 | 19.21 | 19.21 | 19.04 | 19.21 | 19.20 | |
| 5 | 256QAM | 12 | 13 | 19.20 | 19.09 | 18.96 | 19.08 | 19.09 | |
| 5 | 256QAM | 25 | 0 | 19.16 | 19.14 | 18.94 | 19.03 | 19.04 | |

## Band 41 HPUE_Ant 0

| 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 25.61 | 25.65 | 25.51 | 25.56 | 25.45 | 27 |
| 20 | QPSK | 1 | 49 | 25.61 | 25.65 | 25.38 | 25.87 | 25.84 | |
| 20 | QPSK | 1 | 99 | 25.70 | 25.66 | 25.51 | 25.45 | 25.74 | |
| 20 | QPSK | 50 | 0 | 24.96 | 24.98 | 24.73 | 24.89 | 24.89 | 26 |
| 20 | QPSK | 50 | 24 | 24.99 | 24.99 | 24.73 | 25.03 | 25.03 | |
| 20 | QPSK | 50 | 50 | 24.95 | 24.97 | 24.72 | 24.91 | 25.02 | |
| 20 | QPSK | 100 | 0 | 24.98 | 24.99 | 24.73 | 24.93 | 24.96 | |
| 20 | 16QAM | 1 | 0 | 24.99 | 24.99 | 24.88 | 24.92 | 24.76 | 26 |
| 20 | 16QAM | 1 | 49 | 24.99 | 25.01 | 24.82 | 25.18 | 25.20 | |
| 20 | 16QAM | 1 | 99 | 25.02 | 25.04 | 24.84 | 24.77 | 25.07 | |
| 20 | 16QAM | 50 | 0 | 23.99 | 24.01 | 23.78 | 23.91 | 23.91 | 25 |
| 20 | 16QAM | 50 | 24 | 24.00 | 24.04 | 23.77 | 24.06 | 24.07 | |
| 20 | 16QAM | 50 | 50 | 24.00 | 24.00 | 23.77 | 23.96 | 24.04 | |
| 20 | 16QAM | 100 | 0 | 23.98 | 24.01 | 23.75 | 23.96 | 23.99 | |
| 20 | 64QAM | 1 | 0 | 23.81 | 23.84 | 23.65 | 23.73 | 23.62 | 25 |
| 20 | 64QAM | 1 | 49 | 23.87 | 23.85 | 23.65 | 24.06 | 24.09 | |
| 20 | 64QAM | 1 | 99 | 23.86 | 23.88 | 23.73 | 23.60 | 23.95 | |
| 20 | 64QAM | 50 | 0 | 23.01 | 23.03 | 22.79 | 22.90 | 22.93 | 24 |
| 20 | 64QAM | 50 | 24 | 22.99 | 23.05 | 22.78 | 23.06 | 23.08 | |
| 20 | 64QAM | 50 | 50 | 23.01 | 23.01 | 22.80 | 22.97 | 23.04 | |
| 20 | 64QAM | 100 | 0 | 23.00 | 23.03 | 22.78 | 22.99 | 22.97 | |
| 20 | 256QAM | 1 | 0 | 20.86 | 20.85 | 20.80 | 20.68 | 20.86 | 22 |
| 20 | 256QAM | 1 | 49 | 20.86 | 20.74 | 20.63 | 20.93 | 21.11 | |
| 20 | 256QAM | 1 | 99 | 20.87 | 20.81 | 20.61 | 20.56 | 20.95 | |
| 20 | 256QAM | 50 | 0 | 21.11 | 21.04 | 20.94 | 20.95 | 21.00 | 22 |
| 20 | 256QAM | 50 | 24 | 21.06 | 21.00 | 20.88 | 21.12 | 21.10 | |
| 20 | 256QAM | 50 | 50 | 21.03 | 21.00 | 20.81 | 20.95 | 21.06 | |
| 20 | 256QAM | 100 | 0 | 21.02 | 20.97 | 20.85 | 20.99 | 20.97 | |
| 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 | 25.51 | 25.57 | 25.46 | 25.53 | 25.35 | 27 |
| 15 | QPSK | 1 | 37 | 25.52 | 25.64 | 25.31 | 25.82 | 25.75 | |
| 15 | QPSK | 1 | 74 | 25.68 | 25.63 | 25.44 | 25.41 | 25.68 | |
| 15 | QPSK | 36 | 0 | 24.90 | 24.96 | 24.63 | 24.89 | 24.80 | 26 |
| 15 | QPSK | 36 | 20 | 24.99 | 24.96 | 24.71 | 24.93 | 25.02 | |
| 15 | QPSK | 36 | 39 | 24.95 | 24.88 | 24.66 | 24.87 | 24.92 | |
| 15 | QPSK | 75 | 0 | 24.92 | 24.90 | 24.64 | 24.88 | 24.88 | |
| 15 | 16QAM | 1 | 0 | 24.99 | 24.91 | 24.82 | 24.89 | 24.74 | 26 |
| 15 | 16QAM | 1 | 37 | 24.94 | 24.95 | 24.75 | 25.17 | 25.14 | |
| 15 | 16QAM | 1 | 74 | 24.99 | 25.04 | 24.78 | 24.77 | 24.99 | |
| 15 | 16QAM | 36 | 0 | 23.95 | 23.93 | 23.76 | 23.88 | 23.84 | 25 |
| 15 | 16QAM | 36 | 20 | 23.96 | 23.94 | 23.70 | 24.05 | 24.07 | |
| 15 | 16QAM | 36 | 39 | 23.95 | 23.95 | 23.69 | 23.92 | 24.04 | |
| 15 | 16QAM | 75 | 0 | 23.95 | 24.00 | 23.65 | 23.92 | 23.96 | |
| 15 | 64QAM | 1 | 0 | 23.81 | 23.78 | 23.65 | 23.66 | 23.58 | 25 |
| 15 | 64QAM | 1 | 37 | 23.79 | 23.82 | 23.64 | 24.04 | 24.07 | |
| 15 | 64QAM | 1 | 74 | 23.78 | 23.85 | 23.69 | 23.53 | 23.90 | |
| 15 | 64QAM | 36 | 0 | 22.91 | 22.96 | 22.72 | 22.86 | 22.89 | 24 |
| 15 | 64QAM | 36 | 20 | 22.93 | 23.04 | 22.76 | 22.96 | 22.98 | |
| 15 | 64QAM | 36 | 39 | 22.94 | 23.00 | 22.71 | 22.87 | 22.99 | |
| 15 | 64QAM | 75 | 0 | 22.90 | 22.93 | 22.78 | 22.92 | 22.87 | |
| 15 | 256QAM | 1 | 0 | 20.86 | 20.79 | 20.71 | 20.65 | 20.85 | 22 |
| 15 | 256QAM | 1 | 37 | 20.85 | 20.65 | 20.58 | 20.90 | 21.09 | |
| 15 | 256QAM | 1 | 74 | 20.77 | 20.75 | 20.55 | 20.50 | 20.86 | |
| 15 | 256QAM | 36 | 0 | 21.02 | 20.94 | 20.85 | 20.94 | 20.91 | 22 |
| 15 | 256QAM | 36 | 20 | 20.96 | 20.90 | 20.85 | 21.12 | 21.09 | |
| 15 | 256QAM | 36 | 39 | 21.02 | 20.91 | 20.81 | 20.95 | 21.01 | |
| 15 | 256QAM | 75 | 0 | 21.02 | 20.95 | 20.83 | 20.89 | 20.89 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 25.54 | 25.58 | 25.43 | 25.55 | 25.44 | 27 |
| 10 | QPSK | 1 | 25 | 25.53 | 25.58 | 25.34 | 25.80 | 25.77 | |
| 10 | QPSK | 1 | 49 | 25.63 | 25.56 | 25.48 | 25.45 | 25.73 | |
| 10 | QPSK | 25 | 0 | 24.92 | 24.98 | 24.63 | 24.86 | 24.81 | 26 |
| 10 | QPSK | 25 | 12 | 24.90 | 24.98 | 24.64 | 25.02 | 24.97 | |
| 10 | QPSK | 25 | 25 | 24.94 | 24.96 | 24.64 | 24.89 | 25.01 | |
| 10 | QPSK | 50 | 0 | 24.91 | 24.93 | 24.69 | 24.91 | 24.90 | |
| 10 | 16QAM | 1 | 0 | 24.94 | 24.97 | 24.87 | 24.91 | 24.72 | 26 |
| 10 | 16QAM | 1 | 25 | 24.94 | 24.98 | 24.81 | 25.12 | 25.17 | |
| 10 | 16QAM | 1 | 49 | 24.98 | 25.00 | 24.77 | 24.75 | 25.05 | |
| 10 | 16QAM | 25 | 0 | 23.93 | 23.97 | 23.68 | 23.82 | 23.89 | 25 |
| 10 | 16QAM | 25 | 12 | 23.98 | 23.97 | 23.76 | 24.06 | 24.07 | |
| 10 | 16QAM | 25 | 25 | 23.93 | 23.92 | 23.77 | 23.89 | 24.03 | |
| 10 | 16QAM | 50 | 0 | 23.94 | 23.97 | 23.75 | 23.92 | 23.96 | |
| 10 | 64QAM | 1 | 0 | 23.79 | 23.77 | 23.59 | 23.69 | 23.59 | 25 |
| 10 | 64QAM | 1 | 25 | 23.81 | 23.84 | 23.60 | 24.01 | 24.01 | |
| 10 | 64QAM | 1 | 49 | 23.82 | 23.82 | 23.65 | 23.52 | 23.88 | |
| 10 | 64QAM | 25 | 0 | 22.94 | 22.96 | 22.75 | 22.87 | 22.88 | 24 |
| 10 | 64QAM | 25 | 12 | 22.99 | 23.00 | 22.78 | 23.06 | 22.96 | |
| 10 | 64QAM | 25 | 25 | 22.97 | 22.96 | 22.74 | 22.87 | 23.01 | |
| 10 | 64QAM | 50 | 0 | 22.94 | 22.96 | 22.68 | 22.90 | 22.93 | |
| 10 | 256QAM | 1 | 0 | 20.86 | 20.84 | 20.74 | 20.64 | 20.79 | 22 |
| 10 | 256QAM | 1 | 25 | 20.80 | 20.74 | 20.54 | 20.86 | 21.09 | |
| 10 | 256QAM | 1 | 49 | 20.85 | 20.78 | 20.51 | 20.51 | 20.88 | |
| 10 | 256QAM | 25 | 0 | 21.05 | 20.99 | 20.93 | 20.90 | 20.92 | 22 |
| 10 | 256QAM | 25 | 12 | 20.98 | 20.99 | 20.82 | 21.05 | 21.07 | |
| 10 | 256QAM | 25 | 25 | 20.94 | 20.90 | 20.80 | 20.91 | 20.99 | |
| 10 | 256QAM | 50 | 0 | 20.97 | 20.89 | 20.75 | 20.99 | 20.91 | |
| 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 | 25.58 | 25.65 | 25.42 | 25.48 | 25.41 | 27 |
| 5 | QPSK | 1 | 12 | 25.57 | 25.64 | 25.35 | 25.86 | 25.78 | |
| 5 | QPSK | 1 | 24 | 25.65 | 25.59 | 25.41 | 25.36 | 25.65 | |
| 5 | QPSK | 12 | 0 | 24.91 | 24.91 | 24.72 | 24.83 | 24.86 | 26 |
| 5 | QPSK | 12 | 7 | 24.95 | 24.89 | 24.69 | 25.03 | 24.96 | |
| 5 | QPSK | 12 | 13 | 24.85 | 24.90 | 24.72 | 24.87 | 24.97 | |
| 5 | QPSK | 25 | 0 | 24.98 | 24.95 | 24.68 | 24.89 | 24.86 | |
| 5 | 16QAM | 1 | 0 | 24.90 | 24.91 | 24.87 | 24.90 | 24.76 | 26 |
| 5 | 16QAM | 1 | 12 | 24.92 | 24.97 | 24.79 | 25.13 | 25.16 | |
| 5 | 16QAM | 1 | 24 | 24.97 | 25.04 | 24.79 | 24.73 | 25.03 | |
| 5 | 16QAM | 12 | 0 | 23.99 | 24.01 | 23.71 | 23.83 | 23.84 | 25 |
| 5 | 16QAM | 12 | 7 | 23.96 | 23.96 | 23.68 | 24.03 | 24.05 | |
| 5 | 16QAM | 12 | 13 | 24.00 | 23.98 | 23.67 | 23.93 | 24.03 | |
| 5 | 16QAM | 25 | 0 | 23.92 | 23.98 | 23.69 | 23.95 | 23.89 | |
| 5 | 64QAM | 1 | 0 | 23.72 | 23.80 | 23.63 | 23.66 | 23.56 | 25 |
| 5 | 64QAM | 1 | 12 | 23.87 | 23.81 | 23.55 | 24.06 | 24.04 | |
| 5 | 64QAM | 1 | 24 | 23.84 | 23.80 | 23.63 | 23.55 | 23.89 | |
| 5 | 64QAM | 12 | 0 | 22.95 | 23.00 | 22.75 | 22.88 | 22.90 | 24 |
| 5 | 64QAM | 12 | 7 | 22.97 | 22.95 | 22.72 | 23.01 | 22.98 | |
| 5 | 64QAM | 12 | 13 | 22.96 | 22.95 | 22.77 | 22.97 | 23.01 | |
| 5 | 64QAM | 25 | 0 | 22.98 | 22.99 | 22.74 | 22.99 | 22.95 | |
| 5 | 256QAM | 1 | 0 | 20.78 | 20.80 | 20.74 | 20.66 | 20.83 | 22 |
| 5 | 256QAM | 1 | 12 | 20.79 | 20.70 | 20.56 | 20.85 | 21.11 | |
| 5 | 256QAM | 1 | 24 | 20.87 | 20.78 | 20.55 | 20.47 | 20.90 | |
| 5 | 256QAM | 12 | 0 | 21.08 | 20.95 | 20.84 | 20.85 | 20.94 | 22 |
| 5 | 256QAM | 12 | 7 | 21.02 | 21.00 | 20.85 | 21.03 | 21.01 | |
| 5 | 256QAM | 12 | 13 | 21.02 | 20.90 | 20.74 | 20.88 | 20.98 | |
| 5 | 256QAM | 25 | 0 | 20.94 | 20.88 | 20.75 | 20.95 | 20.87 | |

## Band 48_Ant 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 | 23.48 | 23.57 | 23.67 | 23.74 | 24.9 |
| 20 | QPSK | 1 | 49 | 23.34 | 23.43 | 23.52 | 23.54 | |
| 20 | QPSK | 1 | 99 | 23.34 | 23.43 | 23.48 | 23.49 | |
| 20 | QPSK | 50 | 0 | 23.22 | 23.35 | 23.36 | 23.36 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.18 | 23.29 | 23.30 | 23.39 | |
| 20 | QPSK | 50 | 50 | 23.14 | 23.23 | 23.31 | 23.33 | |
| 20 | QPSK | 100 | 0 | 23.18 | 23.30 | 23.28 | 23.40 | |
| 20 | 16QAM | 1 | 0 | 23.29 | 23.43 | 23.53 | 23.52 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.12 | 23.23 | 23.30 | 23.32 | |
| 20 | 16QAM | 1 | 99 | 23.16 | 23.23 | 23.29 | 23.31 | |
| 20 | 16QAM | 50 | 0 | 22.23 | 22.37 | 22.38 | 22.41 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.20 | 22.33 | 22.33 | 22.41 | |
| 20 | 16QAM | 50 | 50 | 22.15 | 22.27 | 22.32 | 22.34 | |
| 20 | 16QAM | 100 | 0 | 22.19 | 22.31 | 22.31 | 22.40 | |
| 20 | 64QAM | 1 | 0 | 22.00 | 22.17 | 22.19 | 22.22 | 23.7 |
| 20 | 64QAM | 1 | 49 | 21.83 | 21.98 | 22.06 | 22.08 | |
| 20 | 64QAM | 1 | 99 | 21.92 | 21.97 | 22.05 | 22.06 | |
| 20 | 64QAM | 50 | 0 | 21.24 | 21.39 | 21.38 | 21.41 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.23 | 21.35 | 21.33 | 21.44 | |
| 20 | 64QAM | 50 | 50 | 21.15 | 21.28 | 21.34 | 21.33 | |
| 20 | 64QAM | 100 | 0 | 21.20 | 21.31 | 21.32 | 21.42 | |
| 20 | 256QAM | 1 | 0 | 18.88 | 19.06 | 19.11 | 19.32 | 20.7 |
| 20 | 256QAM | 1 | 49 | 18.71 | 18.95 | 19.01 | 19.30 | |
| 20 | 256QAM | 1 | 99 | 18.99 | 19.14 | 19.31 | 19.36 | |
| 20 | 256QAM | 50 | 0 | 19.17 | 19.35 | 19.29 | 19.54 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.11 | 19.28 | 19.32 | 19.56 | |
| 20 | 256QAM | 50 | 50 | 19.15 | 19.35 | 19.42 | 19.65 | |
| 20 | 256QAM | 100 | 0 | 19.04 | 19.27 | 19.26 | 19.51 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 23.43 | 23.49 | 23.59 | 23.64 | 24.9 |
| 15 | QPSK | 1 | 37 | 23.26 | 23.34 | 23.48 | 23.54 | |
| 15 | QPSK | 1 | 74 | 23.33 | 23.38 | 23.42 | 23.44 | |
| 15 | QPSK | 36 | 0 | 23.21 | 23.35 | 23.26 | 23.26 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.13 | 23.21 | 23.25 | 23.33 | |
| 15 | QPSK | 36 | 39 | 23.10 | 23.18 | 23.31 | 23.30 | |
| 15 | QPSK | 75 | 0 | 23.18 | 23.29 | 23.24 | 23.30 | |
| 15 | 16QAM | 1 | 0 | 23.27 | 23.40 | 23.50 | 23.46 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.03 | 23.17 | 23.24 | 23.25 | |
| 15 | 16QAM | 1 | 74 | 23.10 | 23.21 | 23.29 | 23.23 | |
| 15 | 16QAM | 36 | 0 | 22.19 | 22.28 | 22.28 | 22.41 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.19 | 22.29 | 22.29 | 22.37 | |
| 15 | 16QAM | 36 | 39 | 22.08 | 22.25 | 22.29 | 22.27 | |
| 15 | 16QAM | 75 | 0 | 22.15 | 22.25 | 22.21 | 22.32 | |
| 15 | 64QAM | 1 | 0 | 21.92 | 22.12 | 22.14 | 22.19 | 23.7 |
| 15 | 64QAM | 1 | 37 | 21.80 | 21.88 | 22.00 | 22.00 | |
| 15 | 64QAM | 1 | 74 | 21.83 | 21.89 | 22.04 | 21.97 | |
| 15 | 64QAM | 36 | 0 | 21.20 | 21.30 | 21.32 | 21.39 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.15 | 21.31 | 21.31 | 21.42 | |
| 15 | 64QAM | 36 | 39 | 21.09 | 21.23 | 21.27 | 21.31 | |
| 15 | 64QAM | 75 | 0 | 21.16 | 21.29 | 21.29 | 21.40 | |
| 15 | 256QAM | 1 | 0 | 18.82 | 19.14 | 19.04 | 19.25 | 20.7 |
| 15 | 256QAM | 1 | 37 | 18.76 | 18.96 | 19.11 | 19.21 | |
| 15 | 256QAM | 1 | 74 | 19.00 | 19.10 | 19.27 | 19.42 | |
| 15 | 256QAM | 36 | 0 | 19.10 | 19.34 | 19.27 | 19.45 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.17 | 19.29 | 19.29 | 19.63 | |
| 15 | 256QAM | 36 | 39 | 19.20 | 19.32 | 19.47 | 19.60 | |
| 15 | 256QAM | 75 | 0 | 19.03 | 19.32 | 19.36 | 19.59 | |
| Channel | | | | 55290 | 55815 | 56165 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 23.42 | 23.57 | 23.67 | 23.67 | 24.9 |
| 10 | QPSK | 1 | 25 | 23.28 | 23.37 | 23.50 | 23.46 | |
| 10 | QPSK | 1 | 49 | 23.28 | 23.34 | 23.47 | 23.42 | |
| 10 | QPSK | 25 | 0 | 23.16 | 23.29 | 23.29 | 23.35 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.17 | 23.24 | 23.30 | 23.34 | |
| 10 | QPSK | 25 | 25 | 23.07 | 23.15 | 23.30 | 23.28 | |
| 10 | QPSK | 50 | 0 | 23.09 | 23.20 | 23.27 | 23.31 | |
| 10 | 16QAM | 1 | 0 | 23.19 | 23.36 | 23.51 | 23.47 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.06 | 23.17 | 23.24 | 23.29 | |
| 10 | 16QAM | 1 | 49 | 23.16 | 23.21 | 23.25 | 23.28 | |
| 10 | 16QAM | 25 | 0 | 22.20 | 22.36 | 22.30 | 22.34 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.13 | 22.23 | 22.32 | 22.33 | |
| 10 | 16QAM | 25 | 25 | 22.09 | 22.26 | 22.27 | 22.27 | |
| 10 | 16QAM | 50 | 0 | 22.09 | 22.29 | 22.24 | 22.33 | |
| 10 | 64QAM | 1 | 0 | 22.00 | 22.15 | 22.15 | 22.20 | 23.7 |
| 10 | 64QAM | 1 | 25 | 21.74 | 21.98 | 22.04 | 22.04 | |
| 10 | 64QAM | 1 | 49 | 21.85 | 21.93 | 21.99 | 22.06 | |
| 10 | 64QAM | 25 | 0 | 21.18 | 21.30 | 21.32 | 21.31 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.19 | 21.30 | 21.29 | 21.44 | |
| 10 | 64QAM | 25 | 25 | 21.06 | 21.28 | 21.32 | 21.33 | |
| 10 | 64QAM | 50 | 0 | 21.11 | 21.23 | 21.29 | 21.32 | |
| 10 | 256QAM | 1 | 0 | 18.90 | 19.11 | 19.06 | 19.26 | 20.7 |
| 10 | 256QAM | 1 | 25 | 18.76 | 19.03 | 19.07 | 19.22 | |
| 10 | 256QAM | 1 | 49 | 18.94 | 19.08 | 19.24 | 19.38 | |
| 10 | 256QAM | 25 | 0 | 19.12 | 19.34 | 19.25 | 19.47 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.11 | 19.32 | 19.37 | 19.60 | |
| 10 | 256QAM | 25 | 25 | 19.19 | 19.34 | 19.41 | 19.59 | |
| 10 | 256QAM | 50 | 0 | 19.12 | 19.28 | 19.32 | 19.54 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 23.44 | 23.57 | 23.63 | 23.66 | 24.9 |
| 5 | QPSK | 1 | 12 | 23.29 | 23.41 | 23.49 | 23.44 | |
| 5 | QPSK | 1 | 24 | 23.27 | 23.35 | 23.48 | 23.40 | |
| 5 | QPSK | 12 | 0 | 23.22 | 23.26 | 23.30 | 23.36 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.11 | 23.27 | 23.22 | 23.39 | |
| 5 | QPSK | 12 | 13 | 23.09 | 23.20 | 23.26 | 23.23 | |
| 5 | QPSK | 25 | 0 | 23.14 | 23.23 | 23.20 | 23.39 | |
| 5 | 16QAM | 1 | 0 | 23.26 | 23.40 | 23.46 | 23.45 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.02 | 23.22 | 23.22 | 23.29 | |
| 5 | 16QAM | 1 | 24 | 23.09 | 23.22 | 23.29 | 23.31 | |
| 5 | 16QAM | 12 | 0 | 22.23 | 22.34 | 22.32 | 22.36 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.10 | 22.26 | 22.32 | 22.32 | |
| 5 | 16QAM | 12 | 13 | 22.09 | 22.25 | 22.28 | 22.27 | |
| 5 | 16QAM | 25 | 0 | 22.18 | 22.23 | 22.21 | 22.38 | |
| 5 | 64QAM | 1 | 0 | 21.97 | 22.07 | 22.09 | 22.13 | 23.7 |
| 5 | 64QAM | 1 | 12 | 21.81 | 21.91 | 21.97 | 22.01 | |
| 5 | 64QAM | 1 | 24 | 21.89 | 21.94 | 22.01 | 21.97 | |
| 5 | 64QAM | 12 | 0 | 21.19 | 21.39 | 21.34 | 21.31 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.22 | 21.26 | 21.31 | 21.39 | |
| 5 | 64QAM | 12 | 13 | 21.11 | 21.28 | 21.34 | 21.27 | |
| 5 | 64QAM | 25 | 0 | 21.17 | 21.27 | 21.25 | 21.36 | |
| 5 | 256QAM | 1 | 0 | 18.83 | 19.14 | 19.11 | 19.33 | 20.7 |
| 5 | 256QAM | 1 | 12 | 18.78 | 19.02 | 19.10 | 19.30 | |
| 5 | 256QAM | 1 | 24 | 18.98 | 19.08 | 19.28 | 19.39 | |
| 5 | 256QAM | 12 | 0 | 19.16 | 19.32 | 19.34 | 19.54 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.11 | 19.34 | 19.35 | 19.65 | |
| 5 | 256QAM | 12 | 13 | 19.11 | 19.38 | 19.44 | 19.64 | |
| 5 | 256QAM | 25 | 0 | 19.09 | 19.32 | 19.28 | 19.58 | |

## Band 38_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 24.68 | 24.63 | 24.52 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.69 | 24.64 | 24.52 | |
| 20 | QPSK | 1 | 99 | 24.68 | 24.57 | 24.48 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.70 | 23.69 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.89 | 23.72 | 23.68 | |
| 20 | QPSK | 50 | 50 | 23.87 | 23.70 | 23.66 | |
| 20 | QPSK | 100 | 0 | 23.88 | 23.71 | 23.68 | |
| 20 | 16QAM | 1 | 0 | 23.81 | 23.74 | 23.67 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.79 | 23.72 | 23.61 | |
| 20 | 16QAM | 1 | 99 | 23.81 | 23.69 | 23.61 | |
| 20 | 16QAM | 50 | 0 | 22.91 | 22.76 | 22.73 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.75 | 22.70 | |
| 20 | 16QAM | 50 | 50 | 22.90 | 22.72 | 22.69 | |
| 20 | 16QAM | 100 | 0 | 22.89 | 22.73 | 22.70 | |
| 20 | 64QAM | 1 | 0 | 23.57 | 22.41 | 22.42 | 23.7 |
| 20 | 64QAM | 1 | 49 | 23.53 | 22.46 | 22.36 | |
| 20 | 64QAM | 1 | 99 | 23.56 | 22.39 | 22.42 | |
| 20 | 64QAM | 50 | 0 | 22.62 | 21.76 | 21.73 | 22.7 |
| 20 | 64QAM | 50 | 24 | 22.65 | 21.77 | 21.70 | |
| 20 | 64QAM | 50 | 50 | 22.62 | 21.74 | 21.70 | |
| 20 | 64QAM | 100 | 0 | 22.70 | 21.74 | 21.70 | |
| 20 | 256QAM | 1 | 0 | 19.77 | 19.78 | 19.81 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.70 | 19.68 | 19.59 | |
| 20 | 256QAM | 1 | 99 | 19.73 | 19.57 | 19.54 | |
| 20 | 256QAM | 50 | 0 | 20.07 | 19.96 | 19.97 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.02 | 19.92 | 19.93 | |
| 20 | 256QAM | 50 | 50 | 20.01 | 19.83 | 19.87 | |
| 20 | 256QAM | 100 | 0 | 20.03 | 19.92 | 19.91 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.60 | 24.52 | 24.39 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.55 | 24.50 | 24.35 | |
| 15 | QPSK | 1 | 74 | 24.59 | 24.52 | 24.38 | |
| 15 | QPSK | 36 | 0 | 23.77 | 23.63 | 23.59 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.80 | 23.73 | 23.56 | |
| 15 | QPSK | 36 | 39 | 23.75 | 23.61 | 23.56 | |
| 15 | QPSK | 75 | 0 | 23.78 | 23.63 | 23.58 | |
| 15 | 16QAM | 1 | 0 | 23.78 | 23.68 | 23.58 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.63 | 23.60 | 23.43 | |
| 15 | 16QAM | 1 | 74 | 23.74 | 23.63 | 23.54 | |
| 15 | 16QAM | 36 | 0 | 22.76 | 22.64 | 22.55 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.74 | 22.68 | 22.54 | |
| 15 | 16QAM | 36 | 39 | 22.74 | 22.58 | 22.54 | |
| 15 | 16QAM | 75 | 0 | 22.79 | 22.65 | 22.60 | |
| 15 | 64QAM | 1 | 0 | 22.50 | 22.35 | 22.30 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.44 | 22.37 | 22.23 | |
| 15 | 64QAM | 1 | 74 | 22.44 | 22.29 | 22.25 | |
| 15 | 64QAM | 36 | 0 | 21.62 | 21.67 | 21.61 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.80 | 21.73 | 21.61 | |
| 15 | 64QAM | 36 | 39 | 21.81 | 21.65 | 21.58 | |
| 15 | 64QAM | 75 | 0 | 21.81 | 21.65 | 21.61 | |
| 15 | 256QAM | 1 | 0 | 19.75 | 19.70 | 19.77 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.67 | 19.58 | 19.55 | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.55 | 19.49 | |
| 15 | 256QAM | 36 | 0 | 19.98 | 19.89 | 19.89 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.95 | 19.86 | 19.91 | |
| 15 | 256QAM | 36 | 39 | 19.98 | 19.83 | 19.84 | |
| 15 | 256QAM | 75 | 0 | 19.99 | 19.91 | 19.89 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.63 | 24.51 | 24.42 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.61 | 24.55 | 24.41 | |
| 10 | QPSK | 1 | 49 | 24.67 | 24.57 | 24.42 | |
| 10 | QPSK | 25 | 0 | 23.74 | 23.59 | 23.52 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.75 | 23.69 | 23.52 | |
| 10 | QPSK | 25 | 25 | 23.74 | 23.69 | 23.51 | |
| 10 | QPSK | 50 | 0 | 23.75 | 23.61 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.81 | 23.66 | 23.52 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.72 | 23.64 | 23.51 | |
| 10 | 16QAM | 1 | 49 | 23.79 | 23.68 | 23.47 | |
| 10 | 16QAM | 25 | 0 | 22.74 | 22.59 | 22.53 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.72 | 22.58 | |
| 10 | 16QAM | 25 | 25 | 22.74 | 22.67 | 22.48 | |
| 10 | 16QAM | 50 | 0 | 22.78 | 22.62 | 22.56 | |
| 10 | 64QAM | 1 | 0 | 22.57 | 22.39 | 22.32 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.54 | 22.43 | 22.32 | |
| 10 | 64QAM | 1 | 49 | 22.50 | 22.39 | 22.30 | |
| 10 | 64QAM | 25 | 0 | 21.81 | 21.67 | 21.61 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.83 | 21.75 | 21.63 | |
| 10 | 64QAM | 25 | 25 | 21.82 | 21.76 | 21.60 | |
| 10 | 64QAM | 50 | 0 | 21.78 | 21.65 | 21.57 | |
| 10 | 256QAM | 1 | 0 | 19.69 | 19.72 | 19.78 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.65 | 19.59 | 19.56 | |
| 10 | 256QAM | 1 | 49 | 19.69 | 19.52 | 19.48 | |
| 10 | 256QAM | 25 | 0 | 19.98 | 19.89 | 19.91 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.94 | 19.83 | 19.86 | |
| 10 | 256QAM | 25 | 25 | 19.91 | 19.76 | 19.82 | |
| 10 | 256QAM | 50 | 0 | 20.01 | 19.84 | 19.88 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.58 | 24.53 | 24.37 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.54 | 24.49 | 24.35 | |
| 5 | QPSK | 1 | 24 | 24.59 | 24.52 | 24.33 | |
| 5 | QPSK | 12 | 0 | 23.68 | 23.64 | 23.48 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.72 | 23.64 | 23.50 | |
| 5 | QPSK | 12 | 13 | 23.71 | 23.66 | 23.49 | |
| 5 | QPSK | 25 | 0 | 23.72 | 23.65 | 23.45 | |
| 5 | 16QAM | 1 | 0 | 23.72 | 23.67 | 23.52 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.75 | 23.68 | 23.50 | |
| 5 | 16QAM | 1 | 24 | 23.75 | 23.68 | 23.52 | |
| 5 | 16QAM | 12 | 0 | 22.67 | 22.60 | 22.46 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.72 | 22.66 | 22.47 | |
| 5 | 16QAM | 12 | 13 | 22.67 | 22.62 | 22.45 | |
| 5 | 16QAM | 25 | 0 | 22.73 | 22.68 | 22.52 | |
| 5 | 64QAM | 1 | 0 | 22.51 | 22.42 | 22.25 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.54 | 22.44 | 22.30 | |
| 5 | 64QAM | 1 | 24 | 22.54 | 22.45 | 22.29 | |
| 5 | 64QAM | 12 | 0 | 21.76 | 21.71 | 21.53 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.77 | 21.70 | 21.55 | |
| 5 | 64QAM | 12 | 13 | 21.78 | 21.70 | 21.51 | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.70 | 21.55 | |
| 5 | 256QAM | 1 | 0 | 19.67 | 19.77 | 19.81 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.64 | 19.63 | 19.56 | |
| 5 | 256QAM | 1 | 24 | 19.72 | 19.55 | 19.49 | |
| 5 | 256QAM | 12 | 0 | 20.02 | 19.86 | 19.87 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.97 | 19.86 | 19.93 | |
| 5 | 256QAM | 12 | 13 | 19.99 | 19.80 | 19.77 | |
| 5 | 256QAM | 25 | 0 | 19.96 | 19.87 | 19.82 | |

## Band 41_Ant 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 24.69 | 24.77 | 24.75 | 24.51 | 24.30 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.74 | 24.80 | 24.64 | 24.83 | 24.68 | |
| 20 | QPSK | 1 | 99 | 24.76 | 24.82 | 24.75 | 24.41 | 24.57 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.94 | 23.83 | 23.75 | 23.65 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.90 | 23.95 | 23.83 | 23.87 | 23.77 | |
| 20 | QPSK | 50 | 50 | 23.87 | 23.97 | 23.82 | 23.75 | 23.75 | |
| 20 | QPSK | 100 | 0 | 23.88 | 23.95 | 23.83 | 23.79 | 23.69 | |
| 20 | 16QAM | 1 | 0 | 23.83 | 23.89 | 23.87 | 23.64 | 23.43 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.82 | 23.89 | 23.78 | 23.92 | 23.77 | |
| 20 | 16QAM | 1 | 99 | 23.86 | 23.95 | 23.83 | 23.48 | 23.63 | |
| 20 | 16QAM | 50 | 0 | 22.90 | 22.96 | 22.85 | 22.78 | 22.67 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.99 | 22.88 | 22.93 | 22.81 | |
| 20 | 16QAM | 50 | 50 | 22.91 | 23.00 | 22.87 | 22.80 | 22.79 | |
| 20 | 16QAM | 100 | 0 | 22.89 | 22.98 | 22.87 | 22.83 | 22.72 | |
| 20 | 64QAM | 1 | 0 | 22.54 | 22.57 | 22.50 | 22.28 | 22.12 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.56 | 22.62 | 22.51 | 22.72 | 22.52 | |
| 20 | 64QAM | 1 | 99 | 22.57 | 22.70 | 22.53 | 22.22 | 22.26 | |
| 20 | 64QAM | 50 | 0 | 21.91 | 21.97 | 21.85 | 21.78 | 21.67 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.94 | 22.01 | 21.87 | 21.92 | 21.83 | |
| 20 | 64QAM | 50 | 50 | 21.91 | 21.99 | 21.86 | 21.78 | 21.80 | |
| 20 | 64QAM | 100 | 0 | 21.90 | 21.98 | 21.87 | 21.81 | 21.72 | |
| 20 | 256QAM | 1 | 0 | 19.89 | 19.75 | 19.87 | 19.61 | 19.38 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.75 | 19.71 | 19.77 | 19.75 | 19.73 | |
| 20 | 256QAM | 1 | 99 | 19.79 | 19.81 | 19.82 | 19.26 | 19.59 | |
| 20 | 256QAM | 50 | 0 | 20.10 | 20.10 | 20.14 | 20.00 | 19.87 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.06 | 20.06 | 20.12 | 20.07 | 20.02 | |
| 20 | 256QAM | 50 | 50 | 20.07 | 20.01 | 20.09 | 19.88 | 19.98 | |
| 20 | 256QAM | 100 | 0 | 20.07 | 20.03 | 20.09 | 19.90 | 19.91 | |
| 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 | 24.62 | 24.70 | 24.65 | 24.61 | 24.39 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.63 | 24.72 | 24.60 | 24.74 | 24.63 | |
| 15 | QPSK | 1 | 74 | 24.66 | 24.81 | 24.68 | 24.53 | 24.59 | |
| 15 | QPSK | 36 | 0 | 23.70 | 23.85 | 23.75 | 23.73 | 23.63 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.83 | 23.84 | 23.76 | 23.77 | 23.71 | |
| 15 | QPSK | 36 | 39 | 23.80 | 23.87 | 23.74 | 23.77 | 23.72 | |
| 15 | QPSK | 75 | 0 | 23.79 | 23.86 | 23.77 | 23.72 | 23.66 | |
| 15 | 16QAM | 1 | 0 | 23.76 | 23.84 | 23.76 | 23.77 | 23.52 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.70 | 23.79 | 23.68 | 23.80 | 23.71 | |
| 15 | 16QAM | 1 | 74 | 23.80 | 24.00 | 23.85 | 23.67 | 23.68 | |
| 15 | 16QAM | 36 | 0 | 22.69 | 22.82 | 22.74 | 22.70 | 22.56 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.77 | 22.83 | 22.71 | 22.73 | 22.68 | |
| 15 | 16QAM | 36 | 39 | 22.77 | 22.86 | 22.71 | 22.75 | 22.67 | |
| 15 | 16QAM | 75 | 0 | 22.84 | 22.89 | 22.77 | 22.75 | 22.70 | |
| 15 | 64QAM | 1 | 0 | 22.46 | 22.54 | 22.51 | 22.43 | 22.23 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.52 | 22.58 | 22.45 | 22.66 | 22.47 | |
| 15 | 64QAM | 1 | 74 | 22.53 | 22.74 | 22.53 | 22.41 | 22.36 | |
| 15 | 64QAM | 36 | 0 | 21.75 | 21.90 | 21.79 | 21.76 | 21.64 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.83 | 21.89 | 21.76 | 21.79 | 21.78 | |
| 15 | 64QAM | 36 | 39 | 21.83 | 21.91 | 21.79 | 21.78 | 21.73 | |
| 15 | 64QAM | 75 | 0 | 21.83 | 21.90 | 21.78 | 21.74 | 21.70 | |
| 15 | 256QAM | 1 | 0 | 19.82 | 19.74 | 19.82 | 19.61 | 19.34 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.70 | 19.69 | 19.67 | 19.73 | 19.72 | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.75 | 19.78 | 19.20 | 19.56 | |
| 15 | 256QAM | 36 | 0 | 20.08 | 20.05 | 20.04 | 19.96 | 19.81 | 20.7 |
| 15 | 256QAM | 36 | 20 | 20.04 | 20.02 | 20.07 | 20.02 | 20.01 | |
| 15 | 256QAM | 36 | 39 | 19.98 | 19.95 | 20.03 | 19.80 | 19.90 | |
| 15 | 256QAM | 75 | 0 | 20.04 | 20.00 | 20.05 | 19.80 | 19.91 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 24.65 | 24.69 | 24.64 | 24.45 | 24.41 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.68 | 24.74 | 24.67 | 24.75 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.70 | 24.76 | 24.65 | 24.53 | 24.35 | |
| 10 | QPSK | 25 | 0 | 23.76 | 23.82 | 23.75 | 23.72 | 23.68 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.87 | 23.77 | 23.88 | 23.73 | |
| 10 | QPSK | 25 | 25 | 23.78 | 23.85 | 23.76 | 23.80 | 23.64 | |
| 10 | QPSK | 50 | 0 | 23.78 | 23.87 | 23.77 | 23.79 | 23.67 | |
| 10 | 16QAM | 1 | 0 | 23.80 | 23.84 | 23.79 | 23.65 | 23.56 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.80 | 23.89 | 23.74 | 23.91 | 23.74 | |
| 10 | 16QAM | 1 | 49 | 23.76 | 23.89 | 23.72 | 23.63 | 23.46 | |
| 10 | 16QAM | 25 | 0 | 22.77 | 22.84 | 22.77 | 22.77 | 22.69 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.81 | 22.89 | 22.80 | 22.94 | 22.77 | |
| 10 | 16QAM | 25 | 25 | 22.78 | 22.83 | 22.75 | 22.80 | 22.65 | |
| 10 | 16QAM | 50 | 0 | 22.81 | 22.90 | 22.79 | 22.84 | 22.70 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.51 | 22.47 | 22.35 | 22.28 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.58 | 22.67 | 22.53 | 22.76 | 22.49 | |
| 10 | 64QAM | 1 | 49 | 22.55 | 22.66 | 22.45 | 22.40 | 22.12 | |
| 10 | 64QAM | 25 | 0 | 21.83 | 21.92 | 21.82 | 21.81 | 21.74 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.88 | 21.94 | 21.80 | 21.96 | 21.82 | |
| 10 | 64QAM | 25 | 25 | 21.85 | 21.95 | 21.85 | 21.87 | 21.71 | |
| 10 | 64QAM | 50 | 0 | 21.81 | 21.87 | 21.79 | 21.83 | 21.70 | |
| 10 | 256QAM | 1 | 0 | 19.79 | 19.66 | 19.78 | 19.61 | 19.36 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.69 | 19.62 | 19.77 | 19.66 | 19.69 | |
| 10 | 256QAM | 1 | 49 | 19.78 | 19.81 | 19.80 | 19.24 | 19.54 | |
| 10 | 256QAM | 25 | 0 | 20.07 | 20.05 | 20.05 | 19.96 | 19.84 | 20.7 |
| 10 | 256QAM | 25 | 12 | 20.05 | 19.97 | 20.10 | 20.06 | 19.97 | |
| 10 | 256QAM | 25 | 25 | 19.97 | 20.01 | 20.04 | 19.88 | 19.91 | |
| 10 | 256QAM | 50 | 0 | 20.01 | 20.03 | 20.03 | 19.89 | 19.89 | |
| 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 | 24.67 | 24.69 | 24.59 | 24.70 | 24.58 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.64 | 24.71 | 24.64 | 24.74 | 24.59 | |
| 5 | QPSK | 1 | 24 | 24.62 | 24.69 | 24.61 | 24.70 | 24.54 | |
| 5 | QPSK | 12 | 0 | 23.77 | 23.80 | 23.73 | 23.78 | 23.72 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.76 | 23.87 | 23.77 | 23.83 | 23.73 | |
| 5 | QPSK | 12 | 13 | 23.76 | 23.82 | 23.74 | 23.85 | 23.70 | |
| 5 | QPSK | 25 | 0 | 23.76 | 23.83 | 23.75 | 23.78 | 23.67 | |
| 5 | 16QAM | 1 | 0 | 23.78 | 23.84 | 23.75 | 23.82 | 23.74 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.81 | 23.87 | 23.84 | 23.96 | 23.85 | |
| 5 | 16QAM | 1 | 24 | 23.83 | 23.87 | 23.80 | 23.89 | 23.71 | |
| 5 | 16QAM | 12 | 0 | 22.76 | 22.81 | 22.73 | 22.81 | 22.70 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.83 | 22.72 | 22.81 | 22.72 | |
| 5 | 16QAM | 12 | 13 | 22.76 | 22.80 | 22.74 | 22.81 | 22.68 | |
| 5 | 16QAM | 25 | 0 | 22.80 | 22.88 | 22.80 | 22.83 | 22.72 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.62 | 22.50 | 22.64 | 22.50 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.59 | 22.66 | 22.50 | 22.73 | 22.50 | |
| 5 | 64QAM | 1 | 24 | 22.59 | 22.65 | 22.52 | 22.67 | 22.44 | |
| 5 | 64QAM | 12 | 0 | 21.80 | 21.87 | 21.77 | 21.85 | 21.73 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.82 | 21.92 | 21.83 | 21.86 | 21.79 | |
| 5 | 64QAM | 12 | 13 | 21.80 | 21.89 | 21.79 | 21.89 | 21.72 | |
| 5 | 64QAM | 25 | 0 | 21.83 | 21.89 | 21.83 | 21.86 | 21.75 | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.73 | 19.81 | 19.53 | 19.33 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.75 | 19.65 | 19.69 | 19.73 | 19.73 | |
| 5 | 256QAM | 1 | 24 | 19.71 | 19.78 | 19.75 | 19.26 | 19.56 | |
| 5 | 256QAM | 12 | 0 | 20.04 | 20.09 | 20.06 | 19.99 | 19.82 | 20.7 |
| 5 | 256QAM | 12 | 7 | 20.02 | 20.03 | 20.02 | 20.00 | 20.02 | |
| 5 | 256QAM | 12 | 13 | 20.06 | 19.92 | 20.01 | 19.81 | 19.95 | |
| 5 | 256QAM | 25 | 0 | 20.05 | 19.96 | 20.02 | 19.86 | 19.89 | |

## Band 41 HPUE_Ant 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 26.30 | 26.35 | 26.33 | 26.26 | 26.05 | 27.5 |
| 20 | QPSK | 1 | 49 | 26.27 | 26.36 | 26.26 | 26.54 | 26.41 | |
| 20 | QPSK | 1 | 99 | 26.30 | 26.39 | 26.30 | 26.14 | 26.28 | |
| 20 | QPSK | 50 | 0 | 25.57 | 25.64 | 25.54 | 25.60 | 25.48 | 26.5 |
| 20 | QPSK | 50 | 24 | 25.57 | 25.67 | 25.57 | 25.77 | 25.66 | |
| 20 | QPSK | 50 | 50 | 25.57 | 25.66 | 25.54 | 25.60 | 25.63 | |
| 20 | QPSK | 100 | 0 | 25.57 | 25.66 | 25.54 | 25.63 | 25.56 | |
| 20 | 16QAM | 1 | 0 | 25.67 | 25.72 | 25.71 | 25.67 | 25.42 | 26.5 |
| 20 | 16QAM | 1 | 49 | 25.66 | 25.72 | 25.63 | 25.89 | 25.80 | |
| 20 | 16QAM | 1 | 99 | 25.64 | 25.73 | 25.63 | 25.49 | 25.63 | |
| 20 | 16QAM | 50 | 0 | 24.61 | 24.68 | 24.57 | 24.63 | 24.53 | 25.5 |
| 20 | 16QAM | 50 | 24 | 24.61 | 24.68 | 24.58 | 24.81 | 24.66 | |
| 20 | 16QAM | 50 | 50 | 24.61 | 24.70 | 24.56 | 24.65 | 24.66 | |
| 20 | 16QAM | 100 | 0 | 24.62 | 24.68 | 24.56 | 24.67 | 24.59 | |
| 20 | 64QAM | 1 | 0 | 24.48 | 24.50 | 24.49 | 24.46 | 24.28 | 25.5 |
| 20 | 64QAM | 1 | 49 | 24.51 | 24.58 | 24.45 | 24.80 | 24.64 | |
| 20 | 64QAM | 1 | 99 | 24.50 | 24.61 | 24.52 | 24.38 | 23.91 | |
| 20 | 64QAM | 50 | 0 | 23.61 | 23.68 | 23.59 | 23.65 | 23.52 | 24.5 |
| 20 | 64QAM | 50 | 24 | 23.63 | 23.70 | 23.58 | 23.77 | 23.66 | |
| 20 | 64QAM | 50 | 50 | 23.63 | 23.71 | 23.58 | 23.66 | 23.52 | |
| 20 | 64QAM | 100 | 0 | 23.62 | 23.69 | 23.57 | 23.68 | 23.59 | |
| 20 | 256QAM | 1 | 0 | 21.75 | 21.79 | 21.84 | 21.77 | 21.50 | 22.5 |
| 20 | 256QAM | 1 | 49 | 21.64 | 21.68 | 21.70 | 21.92 | 21.84 | |
| 20 | 256QAM | 1 | 99 | 21.73 | 21.77 | 21.75 | 21.49 | 21.84 | |
| 20 | 256QAM | 50 | 0 | 21.89 | 21.91 | 21.91 | 21.92 | 21.78 | 22.5 |
| 20 | 256QAM | 50 | 24 | 21.88 | 21.88 | 21.92 | 22.01 | 21.90 | |
| 20 | 256QAM | 50 | 50 | 21.81 | 21.86 | 21.85 | 21.82 | 21.86 | |
| 20 | 256QAM | 100 | 0 | 21.84 | 21.83 | 21.88 | 21.88 | 21.79 | |
| 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 | 26.33 | 26.41 | 26.38 | 26.49 | 26.25 | 27.5 |
| 15 | QPSK | 1 | 37 | 26.34 | 26.43 | 26.33 | 26.51 | 26.50 | |
| 15 | QPSK | 1 | 74 | 26.38 | 26.52 | 26.42 | 26.40 | 26.43 | |
| 15 | QPSK | 36 | 0 | 25.47 | 25.61 | 25.54 | 25.63 | 25.53 | 26.5 |
| 15 | QPSK | 36 | 20 | 25.56 | 25.63 | 25.55 | 25.68 | 25.62 | |
| 15 | QPSK | 36 | 39 | 25.56 | 25.63 | 25.52 | 25.65 | 25.61 | |
| 15 | QPSK | 75 | 0 | 25.56 | 25.63 | 25.53 | 25.63 | 25.59 | |
| 15 | 16QAM | 1 | 0 | 25.60 | 25.71 | 25.67 | 25.78 | 25.56 | 26.5 |
| 15 | 16QAM | 1 | 37 | 25.59 | 25.68 | 25.58 | 25.86 | 25.74 | |
| 15 | 16QAM | 1 | 74 | 25.66 | 25.82 | 25.71 | 25.70 | 25.68 | |
| 15 | 16QAM | 36 | 0 | 24.46 | 24.58 | 24.50 | 24.63 | 24.49 | 25.5 |
| 15 | 16QAM | 36 | 20 | 24.53 | 24.58 | 24.50 | 24.65 | 24.61 | |
| 15 | 16QAM | 36 | 39 | 24.55 | 24.62 | 24.50 | 24.66 | 24.60 | |
| 15 | 16QAM | 75 | 0 | 24.57 | 24.63 | 24.53 | 24.63 | 24.58 | |
| 15 | 64QAM | 1 | 0 | 24.41 | 24.51 | 24.49 | 24.61 | 24.39 | 25.5 |
| 15 | 64QAM | 1 | 37 | 24.51 | 24.58 | 24.48 | 24.81 | 24.51 | |
| 15 | 64QAM | 1 | 74 | 24.51 | 24.71 | 24.58 | 24.51 | 24.18 | |
| 15 | 64QAM | 36 | 0 | 23.49 | 23.62 | 23.55 | 23.65 | 23.54 | 24.5 |
| 15 | 64QAM | 36 | 20 | 23.58 | 23.66 | 23.54 | 23.70 | 23.56 | |
| 15 | 64QAM | 36 | 39 | 23.58 | 23.65 | 23.54 | 23.69 | 23.49 | |
| 15 | 64QAM | 75 | 0 | 23.58 | 23.66 | 23.55 | 23.65 | 23.58 | |
| 15 | 256QAM | 1 | 0 | 21.66 | 21.79 | 21.76 | 21.76 | 21.41 | 22.5 |
| 15 | 256QAM | 1 | 37 | 21.58 | 21.64 | 21.60 | 21.92 | 21.80 | |
| 15 | 256QAM | 1 | 74 | 21.71 | 21.71 | 21.67 | 21.46 | 21.84 | |
| 15 | 256QAM | 36 | 0 | 21.88 | 21.81 | 21.89 | 21.82 | 21.74 | 22.5 |
| 15 | 256QAM | 36 | 20 | 21.81 | 21.78 | 21.88 | 21.96 | 21.86 | |
| 15 | 256QAM | 36 | 39 | 21.75 | 21.76 | 21.85 | 21.75 | 21.86 | |
| 15 | 256QAM | 75 | 0 | 21.80 | 21.76 | 21.88 | 21.85 | 21.71 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 26.36 | 26.35 | 26.40 | 26.29 | 26.24 | 27.5 |
| 10 | QPSK | 1 | 25 | 26.33 | 26.42 | 26.32 | 26.53 | 26.40 | |
| 10 | QPSK | 1 | 49 | 26.43 | 26.51 | 26.33 | 26.40 | 26.12 | |
| 10 | QPSK | 25 | 0 | 25.55 | 25.63 | 25.54 | 25.64 | 25.59 | 26.5 |
| 10 | QPSK | 25 | 12 | 25.57 | 25.67 | 25.59 | 25.80 | 25.67 | |
| 10 | QPSK | 25 | 25 | 25.57 | 25.66 | 25.54 | 25.72 | 25.56 | |
| 10 | QPSK | 50 | 0 | 25.57 | 25.66 | 25.54 | 25.73 | 25.57 | |
| 10 | 16QAM | 1 | 0 | 25.77 | 25.77 | 25.75 | 25.66 | 25.62 | 26.5 |
| 10 | 16QAM | 1 | 25 | 25.71 | 25.80 | 25.71 | 25.92 | 25.77 | |
| 10 | 16QAM | 1 | 49 | 25.74 | 25.84 | 25.71 | 25.71 | 25.52 | |
| 10 | 16QAM | 25 | 0 | 24.54 | 24.62 | 24.58 | 24.68 | 24.64 | 25.5 |
| 10 | 16QAM | 25 | 12 | 24.59 | 24.70 | 24.61 | 24.86 | 24.71 | |
| 10 | 16QAM | 25 | 25 | 24.55 | 24.63 | 24.53 | 24.73 | 24.58 | |
| 10 | 16QAM | 50 | 0 | 24.59 | 24.70 | 24.59 | 24.75 | 24.61 | |
| 10 | 64QAM | 1 | 0 | 24.68 | 24.65 | 24.64 | 24.52 | 24.48 | 25.5 |
| 10 | 64QAM | 1 | 25 | 24.64 | 24.80 | 24.61 | 24.80 | 24.52 | |
| 10 | 64QAM | 1 | 49 | 24.65 | 24.75 | 24.62 | 24.60 | 24.21 | |
| 10 | 64QAM | 25 | 0 | 23.65 | 23.70 | 23.64 | 23.72 | 23.63 | 24.5 |
| 10 | 64QAM | 25 | 12 | 23.67 | 23.75 | 23.67 | 23.91 | 23.59 | |
| 10 | 64QAM | 25 | 25 | 23.63 | 23.73 | 23.62 | 23.79 | 23.48 | |
| 10 | 64QAM | 50 | 0 | 23.59 | 23.66 | 23.61 | 23.77 | 23.48 | |
| 10 | 256QAM | 1 | 0 | 21.68 | 21.71 | 21.77 | 21.67 | 21.44 | 22.5 |
| 10 | 256QAM | 1 | 25 | 21.64 | 21.60 | 21.70 | 21.89 | 21.83 | |
| 10 | 256QAM | 1 | 49 | 21.65 | 21.75 | 21.66 | 21.47 | 21.78 | |
| 10 | 256QAM | 25 | 0 | 21.88 | 21.81 | 21.90 | 21.89 | 21.73 | 22.5 |
| 10 | 256QAM | 25 | 12 | 21.80 | 21.86 | 21.90 | 21.94 | 21.87 | |
| 10 | 256QAM | 25 | 25 | 21.76 | 21.78 | 21.76 | 21.72 | 21.78 | |
| 10 | 256QAM | 50 | 0 | 21.82 | 21.83 | 21.80 | 21.85 | 21.73 | |
| 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 | 26.38 | 26.43 | 26.36 | 26.53 | 26.46 | 27.5 |
| 5 | QPSK | 1 | 12 | 26.38 | 26.46 | 26.40 | 26.52 | 26.46 | |
| 5 | QPSK | 1 | 24 | 26.40 | 26.43 | 26.34 | 26.51 | 26.38 | |
| 5 | QPSK | 12 | 0 | 25.55 | 25.62 | 25.54 | 25.72 | 25.61 | 26.5 |
| 5 | QPSK | 12 | 7 | 25.61 | 25.64 | 25.56 | 25.75 | 25.67 | |
| 5 | QPSK | 12 | 13 | 25.57 | 25.64 | 25.55 | 25.76 | 25.64 | |
| 5 | QPSK | 25 | 0 | 25.52 | 25.61 | 25.54 | 25.69 | 25.59 | |
| 5 | 16QAM | 1 | 0 | 25.76 | 25.78 | 25.72 | 25.84 | 25.78 | 26.5 |
| 5 | 16QAM | 1 | 12 | 25.70 | 25.80 | 25.73 | 25.91 | 25.74 | |
| 5 | 16QAM | 1 | 24 | 25.72 | 25.81 | 25.76 | 25.90 | 25.73 | |
| 5 | 16QAM | 12 | 0 | 24.59 | 24.64 | 24.58 | 24.76 | 24.65 | 25.5 |
| 5 | 16QAM | 12 | 7 | 24.62 | 24.69 | 24.64 | 24.76 | 24.72 | |
| 5 | 16QAM | 12 | 13 | 24.58 | 24.67 | 24.60 | 24.80 | 24.64 | |
| 5 | 16QAM | 25 | 0 | 24.60 | 24.65 | 24.60 | 24.76 | 24.68 | |
| 5 | 64QAM | 1 | 0 | 24.61 | 24.66 | 24.60 | 24.75 | 24.57 | 25.5 |
| 5 | 64QAM | 1 | 12 | 24.60 | 24.69 | 24.61 | 24.84 | 24.52 | |
| 5 | 64QAM | 1 | 24 | 24.63 | 24.71 | 24.65 | 24.82 | 24.44 | |
| 5 | 64QAM | 12 | 0 | 23.60 | 23.65 | 23.57 | 23.78 | 23.59 | 24.5 |
| 5 | 64QAM | 12 | 7 | 23.65 | 23.73 | 23.65 | 23.82 | 23.58 | |
| 5 | 64QAM | 12 | 13 | 23.59 | 23.70 | 23.59 | 23.83 | 23.53 | |
| 5 | 64QAM | 25 | 0 | 23.60 | 23.70 | 23.63 | 23.81 | 23.53 | |
| 5 | 256QAM | 1 | 0 | 21.74 | 21.71 | 21.78 | 21.74 | 21.45 | 22.5 |
| 5 | 256QAM | 1 | 12 | 21.59 | 21.58 | 21.66 | 21.91 | 21.77 | |
| 5 | 256QAM | 1 | 24 | 21.68 | 21.67 | 21.67 | 21.49 | 21.77 | |
| 5 | 256QAM | 12 | 0 | 21.81 | 21.90 | 21.81 | 21.89 | 21.71 | 22.5 |
| 5 | 256QAM | 12 | 7 | 21.88 | 21.79 | 21.85 | 21.91 | 21.83 | |
| 5 | 256QAM | 12 | 13 | 21.71 | 21.78 | 21.75 | 21.75 | 21.82 | |
| 5 | 256QAM | 25 | 0 | 21.74 | 21.77 | 21.79 | 21.83 | 21.79 | |

## Band 48_Ant 7

| 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 | 22.10 | 22.18 | 22.38 | 22.16 | 23.3 |
| 20 | QPSK | 1 | 49 | 22.12 | 22.16 | 22.30 | 22.10 | |
| 20 | QPSK | 1 | 99 | 22.22 | 22.31 | 22.38 | 22.22 | |
| 20 | QPSK | 50 | 0 | 22.23 | 22.27 | 22.45 | 22.21 | 23.3 |
| 20 | QPSK | 50 | 24 | 22.27 | 22.32 | 22.48 | 22.23 | |
| 20 | QPSK | 50 | 50 | 22.26 | 22.31 | 22.39 | 22.17 | |
| 20 | QPSK | 100 | 0 | 22.23 | 22.31 | 22.46 | 22.23 | |
| 20 | 16QAM | 1 | 0 | 22.14 | 22.34 | 22.54 | 22.32 | 23.3 |
| 20 | 16QAM | 1 | 49 | 22.08 | 22.25 | 22.41 | 22.19 | |
| 20 | 16QAM | 1 | 99 | 22.26 | 22.46 | 22.54 | 22.33 | |
| 20 | 16QAM | 50 | 0 | 22.16 | 22.33 | 22.50 | 22.28 | 23.3 |
| 20 | 16QAM | 50 | 24 | 22.18 | 22.36 | 22.53 | 22.28 | |
| 20 | 16QAM | 50 | 50 | 22.17 | 22.36 | 22.44 | 22.22 | |
| 20 | 16QAM | 100 | 0 | 22.17 | 22.35 | 22.50 | 22.26 | |
| 20 | 64QAM | 1 | 0 | 21.66 | 21.86 | 22.10 | 21.88 | 23.3 |
| 20 | 64QAM | 1 | 49 | 21.68 | 21.86 | 21.99 | 21.77 | |
| 20 | 64QAM | 1 | 99 | 21.67 | 22.03 | 22.09 | 21.87 | |
| 20 | 64QAM | 50 | 0 | 21.44 | 21.62 | 21.80 | 21.57 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.48 | 21.66 | 21.81 | 21.56 | |
| 20 | 64QAM | 50 | 50 | 21.48 | 21.66 | 21.73 | 21.52 | |
| 20 | 64QAM | 100 | 0 | 21.46 | 21.64 | 21.80 | 21.56 | |
| 20 | 256QAM | 1 | 0 | 19.20 | 19.33 | 19.59 | 19.40 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.14 | 19.31 | 19.50 | 19.28 | |
| 20 | 256QAM | 1 | 99 | 19.30 | 19.49 | 19.50 | 19.36 | |
| 20 | 256QAM | 50 | 0 | 19.51 | 19.64 | 19.81 | 19.65 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.53 | 19.66 | 19.82 | 19.64 | |
| 20 | 256QAM | 50 | 50 | 19.51 | 19.66 | 19.77 | 19.58 | |
| 20 | 256QAM | 100 | 0 | 19.50 | 19.61 | 19.78 | 19.61 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 21.93 | 22.16 | 22.29 | 22.09 | 23.3 |
| 15 | QPSK | 1 | 37 | 21.92 | 22.06 | 22.20 | 22.02 | |
| 15 | QPSK | 1 | 74 | 22.01 | 22.24 | 22.35 | 22.19 | |
| 15 | QPSK | 36 | 0 | 22.10 | 22.20 | 22.41 | 22.18 | 23.3 |
| 15 | QPSK | 36 | 20 | 22.05 | 22.28 | 22.39 | 22.15 | |
| 15 | QPSK | 36 | 39 | 22.11 | 22.30 | 22.39 | 22.07 | |
| 15 | QPSK | 75 | 0 | 22.06 | 22.29 | 22.36 | 22.19 | |
| 15 | 16QAM | 1 | 0 | 22.14 | 22.24 | 22.45 | 22.29 | 23.3 |
| 15 | 16QAM | 1 | 37 | 21.98 | 22.25 | 22.41 | 22.14 | |
| 15 | 16QAM | 1 | 74 | 22.19 | 22.46 | 22.51 | 22.30 | |
| 15 | 16QAM | 36 | 0 | 22.13 | 22.25 | 22.41 | 22.28 | 23.3 |
| 15 | 16QAM | 36 | 20 | 22.11 | 22.32 | 22.47 | 22.24 | |
| 15 | 16QAM | 36 | 39 | 22.12 | 22.27 | 22.42 | 22.12 | |
| 15 | 16QAM | 75 | 0 | 22.13 | 22.25 | 22.49 | 22.17 | |
| 15 | 64QAM | 1 | 0 | 21.60 | 21.77 | 22.04 | 21.82 | 23.3 |
| 15 | 64QAM | 1 | 37 | 21.64 | 21.81 | 21.98 | 21.68 | |
| 15 | 64QAM | 1 | 74 | 21.79 | 22.02 | 22.00 | 21.78 | |
| 15 | 64QAM | 36 | 0 | 21.37 | 21.52 | 21.75 | 21.48 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.40 | 21.56 | 21.72 | 21.46 | |
| 15 | 64QAM | 36 | 39 | 21.44 | 21.60 | 21.65 | 21.48 | |
| 15 | 64QAM | 75 | 0 | 21.37 | 21.62 | 21.75 | 21.53 | |
| 15 | 256QAM | 1 | 0 | 19.18 | 19.26 | 19.51 | 19.37 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.09 | 19.30 | 19.42 | 19.22 | |
| 15 | 256QAM | 1 | 74 | 19.28 | 19.49 | 19.43 | 19.36 | |
| 15 | 256QAM | 36 | 0 | 19.44 | 19.54 | 19.71 | 19.59 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.48 | 19.64 | 19.74 | 19.60 | |
| 15 | 256QAM | 36 | 39 | 19.49 | 19.66 | 19.69 | 19.53 | |
| 15 | 256QAM | 75 | 0 | 19.46 | 19.52 | 19.77 | 19.52 | |
| Channel | | | | 55290 | 55815 | 56160 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 21.98 | 22.16 | 22.36 | 22.14 | 23.3 |
| 10 | QPSK | 1 | 25 | 22.00 | 22.15 | 22.22 | 21.97 | |
| 10 | QPSK | 1 | 49 | 22.03 | 22.22 | 22.37 | 22.18 | |
| 10 | QPSK | 25 | 0 | 22.01 | 22.24 | 22.35 | 22.21 | 23.3 |
| 10 | QPSK | 25 | 12 | 22.08 | 22.22 | 22.39 | 22.21 | |
| 10 | QPSK | 25 | 25 | 22.14 | 22.31 | 22.34 | 22.14 | |
| 10 | QPSK | 50 | 0 | 22.06 | 22.23 | 22.40 | 22.15 | |
| 10 | 16QAM | 1 | 0 | 22.10 | 22.26 | 22.46 | 22.30 | 23.3 |
| 10 | 16QAM | 1 | 25 | 22.03 | 22.25 | 22.40 | 22.19 | |
| 10 | 16QAM | 1 | 49 | 22.16 | 22.36 | 22.46 | 22.32 | |
| 10 | 16QAM | 25 | 0 | 22.09 | 22.28 | 22.46 | 22.25 | 23.3 |
| 10 | 16QAM | 25 | 12 | 22.17 | 22.36 | 22.45 | 22.22 | |
| 10 | 16QAM | 25 | 25 | 22.12 | 22.35 | 22.44 | 22.16 | |
| 10 | 16QAM | 50 | 0 | 22.15 | 22.28 | 22.45 | 22.23 | |
| 10 | 64QAM | 1 | 0 | 21.59 | 21.85 | 22.05 | 21.79 | 23.3 |
| 10 | 64QAM | 1 | 25 | 21.66 | 21.86 | 21.92 | 21.70 | |
| 10 | 64QAM | 1 | 49 | 21.85 | 22.02 | 22.03 | 21.85 | |
| 10 | 64QAM | 25 | 0 | 21.43 | 21.54 | 21.70 | 21.48 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.38 | 21.57 | 21.74 | 21.49 | |
| 10 | 64QAM | 25 | 25 | 21.45 | 21.58 | 21.69 | 21.49 | |
| 10 | 64QAM | 50 | 0 | 21.46 | 21.55 | 21.74 | 21.52 | |
| 10 | 256QAM | 1 | 0 | 19.16 | 19.27 | 19.50 | 19.32 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.08 | 19.27 | 19.43 | 19.22 | |
| 10 | 256QAM | 1 | 49 | 19.23 | 19.41 | 19.48 | 19.35 | |
| 10 | 256QAM | 25 | 0 | 19.51 | 19.55 | 19.79 | 19.64 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.48 | 19.59 | 19.75 | 19.63 | |
| 10 | 256QAM | 25 | 25 | 19.47 | 19.59 | 19.67 | 19.53 | |
| 10 | 256QAM | 50 | 0 | 19.48 | 19.54 | 19.70 | 19.53 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 21.94 | 22.10 | 22.29 | 22.14 | 23.3 |
| 5 | QPSK | 1 | 12 | 21.98 | 22.13 | 22.21 | 21.96 | |
| 5 | QPSK | 1 | 24 | 22.07 | 22.29 | 22.29 | 22.17 | |
| 5 | QPSK | 12 | 0 | 22.03 | 22.24 | 22.45 | 22.12 | 23.3 |
| 5 | QPSK | 12 | 7 | 22.12 | 22.21 | 22.46 | 22.13 | |
| 5 | QPSK | 12 | 13 | 22.14 | 22.34 | 22.31 | 22.11 | |
| 5 | QPSK | 25 | 0 | 22.03 | 22.27 | 22.36 | 22.18 | |
| 5 | 16QAM | 1 | 0 | 22.09 | 22.32 | 22.50 | 22.23 | 23.3 |
| 5 | 16QAM | 1 | 12 | 22.06 | 22.15 | 22.35 | 22.16 | |
| 5 | 16QAM | 1 | 24 | 22.25 | 22.44 | 22.48 | 22.24 | |
| 5 | 16QAM | 12 | 0 | 22.13 | 22.25 | 22.43 | 22.22 | 23.3 |
| 5 | 16QAM | 12 | 7 | 22.14 | 22.27 | 22.43 | 22.21 | |
| 5 | 16QAM | 12 | 13 | 22.13 | 22.32 | 22.35 | 22.20 | |
| 5 | 16QAM | 25 | 0 | 22.07 | 22.32 | 22.48 | 22.16 | |
| 5 | 64QAM | 1 | 0 | 21.62 | 21.85 | 22.10 | 21.85 | 23.3 |
| 5 | 64QAM | 1 | 12 | 21.68 | 21.78 | 21.95 | 21.68 | |
| 5 | 64QAM | 1 | 24 | 21.87 | 21.96 | 22.01 | 21.87 | |
| 5 | 64QAM | 12 | 0 | 21.39 | 21.62 | 21.70 | 21.52 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.40 | 21.62 | 21.80 | 21.53 | |
| 5 | 64QAM | 12 | 13 | 21.44 | 21.60 | 21.67 | 21.42 | |
| 5 | 64QAM | 25 | 0 | 21.38 | 21.58 | 21.80 | 21.52 | |
| 5 | 256QAM | 1 | 0 | 19.16 | 19.27 | 19.50 | 19.35 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.08 | 19.25 | 19.48 | 19.18 | |
| 5 | 256QAM | 1 | 24 | 19.28 | 19.48 | 19.47 | 19.27 | |
| 5 | 256QAM | 12 | 0 | 19.48 | 19.62 | 19.71 | 19.62 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.53 | 19.62 | 19.76 | 19.57 | |
| 5 | 256QAM | 12 | 13 | 19.42 | 19.61 | 19.67 | 19.48 | |
| 5 | 256QAM | 25 | 0 | 19.47 | 19.55 | 19.74 | 19.53 | |

## Band 38_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 23.42 | 23.33 | 23.25 | 25.2 |
| 20 | QPSK | 1 | 49 | 23.42 | 23.35 | 23.27 | |
| 20 | QPSK | 1 | 99 | 23.40 | 23.28 | 23.29 | |
| 20 | QPSK | 50 | 0 | 22.59 | 22.42 | 22.40 | 24.2 |
| 20 | QPSK | 50 | 24 | 22.55 | 22.42 | 22.42 | |
| 20 | QPSK | 50 | 50 | 22.55 | 22.42 | 22.40 | |
| 20 | QPSK | 100 | 0 | 22.56 | 22.41 | 22.42 | |
| 20 | 16QAM | 1 | 0 | 22.57 | 22.48 | 22.40 | 24.2 |
| 20 | 16QAM | 1 | 49 | 22.52 | 22.48 | 22.37 | |
| 20 | 16QAM | 1 | 99 | 22.57 | 22.47 | 22.44 | |
| 20 | 16QAM | 50 | 0 | 21.62 | 21.45 | 21.44 | 23.2 |
| 20 | 16QAM | 50 | 24 | 21.59 | 21.44 | 21.44 | |
| 20 | 16QAM | 50 | 50 | 21.59 | 21.44 | 21.45 | |
| 20 | 16QAM | 100 | 0 | 21.59 | 21.44 | 21.44 | |
| 20 | 64QAM | 1 | 0 | 21.28 | 21.22 | 21.22 | 23.2 |
| 20 | 64QAM | 1 | 49 | 21.33 | 21.26 | 21.15 | |
| 20 | 64QAM | 1 | 99 | 21.37 | 21.23 | 21.19 | |
| 20 | 64QAM | 50 | 0 | 20.62 | 20.46 | 20.44 | 22.2 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.47 | 20.45 | |
| 20 | 64QAM | 50 | 50 | 20.59 | 20.45 | 20.44 | |
| 20 | 64QAM | 100 | 0 | 20.60 | 20.42 | 20.44 | |
| 20 | 256QAM | 1 | 0 | 18.46 | 18.38 | 18.36 | 20.2 |
| 20 | 256QAM | 1 | 49 | 18.35 | 18.26 | 18.27 | |
| 20 | 256QAM | 1 | 99 | 18.34 | 18.15 | 18.14 | |
| 20 | 256QAM | 50 | 0 | 18.71 | 18.52 | 18.50 | 20.2 |
| 20 | 256QAM | 50 | 24 | 18.68 | 18.51 | 18.45 | |
| 20 | 256QAM | 50 | 50 | 18.63 | 18.39 | 18.33 | |
| 20 | 256QAM | 100 | 0 | 18.62 | 18.47 | 18.46 | |
| Channel | | | | 37925 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 23.38 | 23.28 | 23.21 | 25.2 |
| 15 | QPSK | 1 | 37 | 23.40 | 23.26 | 23.22 | |
| 15 | QPSK | 1 | 74 | 23.34 | 23.23 | 23.27 | |
| 15 | QPSK | 36 | 0 | 22.56 | 22.34 | 22.34 | 24.2 |
| 15 | QPSK | 36 | 20 | 22.55 | 22.39 | 22.39 | |
| 15 | QPSK | 36 | 39 | 22.46 | 22.42 | 22.30 | |
| 15 | QPSK | 75 | 0 | 22.49 | 22.31 | 22.40 | |
| 15 | 16QAM | 1 | 0 | 22.47 | 22.45 | 22.34 | 24.2 |
| 15 | 16QAM | 1 | 37 | 22.42 | 22.39 | 22.28 | |
| 15 | 16QAM | 1 | 74 | 22.54 | 22.39 | 22.37 | |
| 15 | 16QAM | 36 | 0 | 21.59 | 21.41 | 21.44 | 23.2 |
| 15 | 16QAM | 36 | 20 | 21.49 | 21.37 | 21.41 | |
| 15 | 16QAM | 36 | 39 | 21.58 | 21.37 | 21.39 | |
| 15 | 16QAM | 75 | 0 | 21.51 | 21.44 | 21.38 | |
| 15 | 64QAM | 1 | 0 | 21.26 | 21.23 | 21.21 | 23.2 |
| 15 | 64QAM | 1 | 37 | 21.31 | 21.23 | 21.22 | |
| 15 | 64QAM | 1 | 74 | 21.32 | 21.23 | 21.23 | |
| 15 | 64QAM | 36 | 0 | 20.57 | 20.44 | 20.40 | 22.2 |
| 15 | 64QAM | 36 | 20 | 20.61 | 20.43 | 20.37 | |
| 15 | 64QAM | 36 | 39 | 20.50 | 20.45 | 20.37 | |
| 15 | 64QAM | 75 | 0 | 20.54 | 20.37 | 20.39 | |
| 15 | 256QAM | 1 | 0 | 18.39 | 18.31 | 18.30 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.31 | 18.26 | 18.25 | |
| 15 | 256QAM | 1 | 74 | 18.32 | 18.23 | 18.23 | |
| 15 | 256QAM | 36 | 0 | 18.61 | 18.45 | 18.46 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.63 | 18.47 | 18.35 | |
| 15 | 256QAM | 36 | 39 | 18.53 | 18.38 | 18.31 | |
| 15 | 256QAM | 75 | 0 | 18.61 | 18.47 | 18.38 | |
| Channel | | | | 37900 | 38000 | 38100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 23.38 | 23.27 | 23.21 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.34 | 23.34 | 23.27 | |
| 10 | QPSK | 1 | 49 | 23.31 | 23.28 | 23.24 | |
| 10 | QPSK | 25 | 0 | 22.55 | 22.41 | 22.36 | 24.2 |
| 10 | QPSK | 25 | 12 | 22.53 | 22.36 | 22.33 | |
| 10 | QPSK | 25 | 25 | 22.53 | 22.38 | 22.35 | |
| 10 | QPSK | 50 | 0 | 22.51 | 22.38 | 22.36 | |
| 10 | 16QAM | 1 | 0 | 22.47 | 22.38 | 22.31 | 24.2 |
| 10 | 16QAM | 1 | 25 | 22.44 | 22.39 | 22.37 | |
| 10 | 16QAM | 1 | 49 | 22.54 | 22.46 | 22.34 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.43 | 21.42 | 23.2 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.35 | 21.34 | |
| 10 | 16QAM | 25 | 25 | 21.53 | 21.44 | 21.44 | |
| 10 | 16QAM | 50 | 0 | 21.52 | 21.40 | 21.42 | |
| 10 | 64QAM | 1 | 0 | 21.27 | 21.22 | 21.22 | 23.2 |
| 10 | 64QAM | 1 | 25 | 21.27 | 21.22 | 21.22 | |
| 10 | 64QAM | 1 | 49 | 21.33 | 21.21 | 21.23 | |
| 10 | 64QAM | 25 | 0 | 20.62 | 20.41 | 20.35 | 22.2 |
| 10 | 64QAM | 25 | 12 | 20.58 | 20.44 | 20.35 | |
| 10 | 64QAM | 25 | 25 | 20.55 | 20.42 | 20.38 | |
| 10 | 64QAM | 50 | 0 | 20.55 | 20.36 | 20.37 | |
| 10 | 256QAM | 1 | 0 | 18.39 | 18.31 | 18.32 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.28 | 18.24 | 18.21 | |
| 10 | 256QAM | 1 | 49 | 18.31 | 18.24 | 18.22 | |
| 10 | 256QAM | 25 | 0 | 18.64 | 18.42 | 18.46 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.64 | 18.43 | 18.35 | |
| 10 | 256QAM | 25 | 25 | 18.56 | 18.30 | 18.24 | |
| 10 | 256QAM | 50 | 0 | 18.58 | 18.41 | 18.45 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 23.39 | 23.24 | 23.25 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.41 | 23.28 | 23.20 | |
| 5 | QPSK | 1 | 24 | 23.32 | 23.21 | 23.21 | |
| 5 | QPSK | 12 | 0 | 22.56 | 22.34 | 22.31 | 24.2 |
| 5 | QPSK | 12 | 7 | 22.48 | 22.36 | 22.35 | |
| 5 | QPSK | 12 | 13 | 22.55 | 22.32 | 22.36 | |
| 5 | QPSK | 25 | 0 | 22.53 | 22.41 | 22.37 | |
| 5 | 16QAM | 1 | 0 | 22.47 | 22.42 | 22.38 | 24.2 |
| 5 | 16QAM | 1 | 12 | 22.44 | 22.44 | 22.28 | |
| 5 | 16QAM | 1 | 24 | 22.54 | 22.42 | 22.39 | |
| 5 | 16QAM | 12 | 0 | 21.54 | 21.43 | 21.37 | 23.2 |
| 5 | 16QAM | 12 | 7 | 21.59 | 21.36 | 21.44 | |
| 5 | 16QAM | 12 | 13 | 21.59 | 21.43 | 21.36 | |
| 5 | 16QAM | 25 | 0 | 21.59 | 21.40 | 21.34 | |
| 5 | 64QAM | 1 | 0 | 21.20 | 21.25 | 21.22 | 23.2 |
| 5 | 64QAM | 1 | 12 | 21.31 | 21.23 | 21.23 | |
| 5 | 64QAM | 1 | 24 | 21.30 | 21.23 | 21.21 | |
| 5 | 64QAM | 12 | 0 | 20.54 | 20.39 | 20.38 | 22.2 |
| 5 | 64QAM | 12 | 7 | 20.56 | 20.37 | 20.35 | |
| 5 | 64QAM | 12 | 13 | 20.53 | 20.45 | 20.38 | |
| 5 | 64QAM | 25 | 0 | 20.60 | 20.35 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 18.45 | 18.37 | 18.34 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.28 | 18.24 | 18.27 | |
| 5 | 256QAM | 1 | 24 | 18.28 | 18.20 | 18.22 | |
| 5 | 256QAM | 12 | 0 | 18.63 | 18.51 | 18.40 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.63 | 18.42 | 18.42 | |
| 5 | 256QAM | 12 | 13 | 18.56 | 18.39 | 18.27 | |
| 5 | 256QAM | 25 | 0 | 18.52 | 18.39 | 18.45 | |

## Band 41_Ant 0

| 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 23.93 | 23.99 | 23.83 | 23.74 | 23.72 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.99 | 24.01 | 23.84 | 24.09 | 24.02 | |
| 20 | QPSK | 1 | 99 | 23.98 | 23.99 | 23.83 | 23.76 | 23.94 | |
| 20 | QPSK | 50 | 0 | 23.16 | 23.19 | 22.95 | 22.97 | 22.98 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.18 | 23.19 | 22.94 | 23.12 | 23.13 | |
| 20 | QPSK | 50 | 50 | 23.14 | 23.18 | 22.93 | 23.03 | 23.11 | |
| 20 | QPSK | 100 | 0 | 23.15 | 23.19 | 22.95 | 23.03 | 23.05 | |
| 20 | 16QAM | 1 | 0 | 23.11 | 23.13 | 22.97 | 22.85 | 22.72 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.10 | 23.11 | 22.89 | 23.15 | 23.13 | |
| 20 | 16QAM | 1 | 99 | 23.11 | 23.12 | 22.96 | 22.68 | 23.03 | |
| 20 | 16QAM | 50 | 0 | 22.19 | 22.21 | 21.97 | 22.01 | 22.01 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.20 | 22.21 | 21.99 | 22.17 | 22.16 | |
| 20 | 16QAM | 50 | 50 | 22.18 | 22.19 | 21.97 | 22.05 | 22.15 | |
| 20 | 16QAM | 100 | 0 | 22.15 | 22.21 | 21.94 | 22.04 | 22.06 | |
| 20 | 64QAM | 1 | 0 | 21.80 | 21.84 | 21.59 | 21.52 | 21.42 | 23.5 |
| 20 | 64QAM | 1 | 49 | 21.85 | 21.84 | 21.68 | 21.92 | 21.96 | |
| 20 | 64QAM | 1 | 99 | 21.87 | 21.91 | 21.72 | 21.37 | 21.78 | |
| 20 | 64QAM | 50 | 0 | 21.19 | 21.21 | 20.98 | 21.02 | 21.00 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.19 | 21.24 | 21.00 | 21.17 | 21.17 | |
| 20 | 64QAM | 50 | 50 | 21.19 | 21.21 | 20.97 | 21.05 | 21.14 | |
| 20 | 64QAM | 100 | 0 | 21.18 | 21.23 | 20.98 | 21.07 | 21.07 | |
| 20 | 256QAM | 1 | 0 | 19.03 | 18.94 | 18.92 | 18.70 | 18.59 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.93 | 18.86 | 18.74 | 18.92 | 18.95 | |
| 20 | 256QAM | 1 | 99 | 18.99 | 18.94 | 18.74 | 18.49 | 18.83 | |
| 20 | 256QAM | 50 | 0 | 19.31 | 19.20 | 19.11 | 19.15 | 19.11 | 20.5 |
| 20 | 256QAM | 50 | 24 | 19.25 | 19.21 | 19.09 | 19.29 | 19.25 | |
| 20 | 256QAM | 50 | 50 | 19.22 | 19.18 | 19.02 | 19.08 | 19.16 | |
| 20 | 256QAM | 100 | 0 | 19.20 | 19.15 | 19.02 | 19.09 | 19.12 | |
| 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 | 23.91 | 23.98 | 23.77 | 23.85 | 23.76 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.88 | 23.95 | 23.78 | 24.02 | 23.94 | |
| 15 | QPSK | 1 | 74 | 23.94 | 24.07 | 23.82 | 23.83 | 23.97 | |
| 15 | QPSK | 36 | 0 | 23.04 | 23.15 | 22.93 | 23.00 | 23.00 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.12 | 23.15 | 22.90 | 23.06 | 23.12 | |
| 15 | QPSK | 36 | 39 | 23.11 | 23.16 | 22.90 | 23.07 | 23.10 | |
| 15 | QPSK | 75 | 0 | 23.10 | 23.15 | 22.91 | 23.00 | 23.06 | |
| 15 | 16QAM | 1 | 0 | 23.09 | 23.15 | 22.93 | 23.06 | 22.86 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.03 | 23.03 | 22.83 | 23.14 | 23.10 | |
| 15 | 16QAM | 1 | 74 | 23.14 | 23.25 | 23.01 | 22.92 | 23.11 | |
| 15 | 16QAM | 36 | 0 | 22.01 | 22.13 | 21.90 | 21.98 | 21.99 | 23.5 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.14 | 21.89 | 22.03 | 22.07 | |
| 15 | 16QAM | 36 | 39 | 22.09 | 22.11 | 21.87 | 22.04 | 22.07 | |
| 15 | 16QAM | 75 | 0 | 22.13 | 22.17 | 21.95 | 22.04 | 22.07 | |
| 15 | 64QAM | 1 | 0 | 21.72 | 21.84 | 21.65 | 21.74 | 21.57 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.85 | 21.84 | 21.64 | 21.93 | 21.89 | |
| 15 | 64QAM | 1 | 74 | 21.89 | 21.95 | 21.78 | 21.58 | 21.89 | |
| 15 | 64QAM | 36 | 0 | 21.06 | 21.20 | 20.95 | 21.03 | 21.03 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.15 | 21.16 | 20.95 | 21.09 | 21.14 | |
| 15 | 64QAM | 36 | 39 | 21.16 | 21.19 | 20.95 | 21.09 | 21.14 | |
| 15 | 64QAM | 75 | 0 | 21.16 | 21.19 | 20.95 | 21.02 | 21.08 | |
| 15 | 256QAM | 1 | 0 | 19.01 | 18.88 | 18.90 | 18.60 | 18.57 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.84 | 18.84 | 18.70 | 18.84 | 18.91 | |
| 15 | 256QAM | 1 | 74 | 18.94 | 18.93 | 18.69 | 18.45 | 18.74 | |
| 15 | 256QAM | 36 | 0 | 19.26 | 19.13 | 19.05 | 19.07 | 19.01 | 20.5 |
| 15 | 256QAM | 36 | 20 | 19.23 | 19.13 | 19.07 | 19.29 | 19.21 | |
| 15 | 256QAM | 36 | 39 | 19.20 | 19.11 | 18.94 | 19.03 | 19.07 | |
| 15 | 256QAM | 75 | 0 | 19.17 | 19.06 | 18.97 | 18.99 | 19.12 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 23.91 | 23.94 | 23.70 | 23.83 | 23.72 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.81 | 23.85 | 23.70 | 24.02 | 23.87 | |
| 10 | QPSK | 1 | 49 | 23.94 | 23.98 | 23.81 | 23.77 | 23.95 | |
| 10 | QPSK | 25 | 0 | 23.03 | 23.10 | 22.90 | 22.95 | 22.91 | 24.5 |
| 10 | QPSK | 25 | 12 | 23.03 | 23.13 | 22.80 | 23.06 | 23.09 | |
| 10 | QPSK | 25 | 25 | 23.06 | 23.07 | 22.82 | 23.00 | 23.00 | |
| 10 | QPSK | 50 | 0 | 23.05 | 23.12 | 22.84 | 22.93 | 22.99 | |
| 10 | 16QAM | 1 | 0 | 23.00 | 23.05 | 22.90 | 23.03 | 22.82 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.97 | 22.93 | 22.80 | 23.05 | 23.02 | |
| 10 | 16QAM | 1 | 49 | 23.10 | 23.20 | 23.00 | 22.91 | 23.09 | |
| 10 | 16QAM | 25 | 0 | 21.94 | 22.07 | 21.86 | 21.93 | 21.96 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.00 | 22.14 | 21.85 | 22.02 | 22.00 | |
| 10 | 16QAM | 25 | 25 | 22.07 | 22.02 | 21.80 | 21.96 | 22.05 | |
| 10 | 16QAM | 50 | 0 | 22.08 | 22.08 | 21.93 | 21.99 | 22.05 | |
| 10 | 64QAM | 1 | 0 | 21.70 | 21.79 | 21.65 | 21.66 | 21.51 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.77 | 21.80 | 21.60 | 21.86 | 21.79 | |
| 10 | 64QAM | 1 | 49 | 21.80 | 21.86 | 21.73 | 21.56 | 21.85 | |
| 10 | 64QAM | 25 | 0 | 21.00 | 21.20 | 20.87 | 20.96 | 20.97 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.07 | 21.11 | 20.91 | 20.99 | 21.07 | |
| 10 | 64QAM | 25 | 25 | 21.09 | 21.12 | 20.92 | 21.07 | 21.07 | |
| 10 | 64QAM | 50 | 0 | 21.14 | 21.17 | 20.88 | 20.99 | 21.04 | |
| 10 | 256QAM | 1 | 0 | 18.98 | 18.87 | 18.90 | 18.70 | 18.58 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.89 | 18.83 | 18.69 | 18.90 | 18.87 | |
| 10 | 256QAM | 1 | 49 | 18.96 | 18.91 | 18.73 | 18.40 | 18.80 | |
| 10 | 256QAM | 25 | 0 | 19.25 | 19.13 | 19.07 | 19.05 | 19.06 | 20.5 |
| 10 | 256QAM | 25 | 12 | 19.21 | 19.12 | 19.07 | 19.27 | 19.24 | |
| 10 | 256QAM | 25 | 25 | 19.17 | 19.15 | 18.95 | 19.08 | 19.09 | |
| 10 | 256QAM | 50 | 0 | 19.18 | 19.05 | 19.01 | 19.01 | 19.03 | |
| 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 | 23.84 | 23.94 | 23.73 | 23.81 | 23.72 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.80 | 23.91 | 23.75 | 23.92 | 23.85 | |
| 5 | QPSK | 1 | 24 | 23.87 | 23.99 | 23.80 | 23.79 | 23.92 | |
| 5 | QPSK | 12 | 0 | 23.01 | 23.09 | 22.89 | 22.94 | 22.93 | 24.5 |
| 5 | QPSK | 12 | 7 | 23.12 | 23.15 | 22.81 | 22.96 | 23.02 | |
| 5 | QPSK | 12 | 13 | 23.09 | 23.09 | 22.90 | 23.04 | 23.08 | |
| 5 | QPSK | 25 | 0 | 23.02 | 23.07 | 22.86 | 22.91 | 23.00 | |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.05 | 22.92 | 23.02 | 22.84 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.94 | 22.95 | 22.73 | 23.04 | 23.03 | |
| 5 | 16QAM | 1 | 24 | 23.10 | 23.24 | 22.93 | 22.85 | 23.09 | |
| 5 | 16QAM | 12 | 0 | 21.94 | 22.07 | 21.81 | 21.98 | 21.90 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.06 | 22.11 | 21.80 | 21.96 | 21.97 | |
| 5 | 16QAM | 12 | 13 | 22.02 | 22.04 | 21.82 | 21.98 | 21.99 | |
| 5 | 16QAM | 25 | 0 | 22.12 | 22.11 | 21.94 | 22.00 | 21.98 | |
| 5 | 64QAM | 1 | 0 | 21.68 | 21.84 | 21.58 | 21.74 | 21.47 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.76 | 21.83 | 21.59 | 21.89 | 21.85 | |
| 5 | 64QAM | 1 | 24 | 21.82 | 21.88 | 21.73 | 21.49 | 21.82 | |
| 5 | 64QAM | 12 | 0 | 20.98 | 21.12 | 20.90 | 21.01 | 20.93 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.06 | 21.06 | 20.85 | 21.06 | 21.07 | |
| 5 | 64QAM | 12 | 13 | 21.14 | 21.16 | 20.89 | 20.99 | 21.06 | |
| 5 | 64QAM | 25 | 0 | 21.10 | 21.15 | 20.88 | 20.92 | 21.01 | |
| 5 | 256QAM | 1 | 0 | 19.01 | 18.89 | 18.86 | 18.70 | 18.56 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.85 | 18.76 | 18.72 | 18.82 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.94 | 18.88 | 18.72 | 18.49 | 18.80 | |
| 5 | 256QAM | 12 | 0 | 19.21 | 19.10 | 19.03 | 19.07 | 19.05 | 20.5 |
| 5 | 256QAM | 12 | 7 | 19.21 | 19.21 | 19.04 | 19.21 | 19.20 | |
| 5 | 256QAM | 12 | 13 | 19.20 | 19.09 | 18.96 | 19.08 | 19.09 | |
| 5 | 256QAM | 25 | 0 | 19.16 | 19.14 | 18.94 | 19.03 | 19.04 | |

## Band 41 HPUE_Ant 0

| 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 25.61 | 25.65 | 25.51 | 25.56 | 25.45 | 27 |
| 20 | QPSK | 1 | 49 | 25.61 | 25.65 | 25.38 | 25.87 | 25.84 | |
| 20 | QPSK | 1 | 99 | 25.70 | 25.66 | 25.51 | 25.45 | 25.74 | |
| 20 | QPSK | 50 | 0 | 24.96 | 24.98 | 24.73 | 24.89 | 24.89 | 26 |
| 20 | QPSK | 50 | 24 | 24.99 | 24.99 | 24.73 | 25.03 | 25.03 | |
| 20 | QPSK | 50 | 50 | 24.95 | 24.97 | 24.72 | 24.91 | 25.02 | |
| 20 | QPSK | 100 | 0 | 24.98 | 24.99 | 24.73 | 24.93 | 24.96 | |
| 20 | 16QAM | 1 | 0 | 24.99 | 24.99 | 24.88 | 24.92 | 24.76 | 26 |
| 20 | 16QAM | 1 | 49 | 24.99 | 25.01 | 24.82 | 25.18 | 25.20 | |
| 20 | 16QAM | 1 | 99 | 25.02 | 25.04 | 24.84 | 24.77 | 25.07 | |
| 20 | 16QAM | 50 | 0 | 23.99 | 24.01 | 23.78 | 23.91 | 23.91 | 25 |
| 20 | 16QAM | 50 | 24 | 24.00 | 24.04 | 23.77 | 24.06 | 24.07 | |
| 20 | 16QAM | 50 | 50 | 24.00 | 24.00 | 23.77 | 23.96 | 24.04 | |
| 20 | 16QAM | 100 | 0 | 23.98 | 24.01 | 23.75 | 23.96 | 23.99 | |
| 20 | 64QAM | 1 | 0 | 23.81 | 23.84 | 23.65 | 23.73 | 23.62 | 25 |
| 20 | 64QAM | 1 | 49 | 23.87 | 23.85 | 23.65 | 24.06 | 24.09 | |
| 20 | 64QAM | 1 | 99 | 23.86 | 23.88 | 23.73 | 23.60 | 23.95 | |
| 20 | 64QAM | 50 | 0 | 23.01 | 23.03 | 22.79 | 22.90 | 22.93 | 24 |
| 20 | 64QAM | 50 | 24 | 22.99 | 23.05 | 22.78 | 23.06 | 23.08 | |
| 20 | 64QAM | 50 | 50 | 23.01 | 23.01 | 22.80 | 22.97 | 23.04 | |
| 20 | 64QAM | 100 | 0 | 23.00 | 23.03 | 22.78 | 22.99 | 22.97 | |
| 20 | 256QAM | 1 | 0 | 20.86 | 20.85 | 20.80 | 20.68 | 20.86 | 22 |
| 20 | 256QAM | 1 | 49 | 20.86 | 20.74 | 20.63 | 20.93 | 21.11 | |
| 20 | 256QAM | 1 | 99 | 20.87 | 20.81 | 20.61 | 20.56 | 20.95 | |
| 20 | 256QAM | 50 | 0 | 21.11 | 21.04 | 20.94 | 20.95 | 21.00 | 22 |
| 20 | 256QAM | 50 | 24 | 21.06 | 21.00 | 20.88 | 21.12 | 21.10 | |
| 20 | 256QAM | 50 | 50 | 21.03 | 21.00 | 20.81 | 20.95 | 21.06 | |
| 20 | 256QAM | 100 | 0 | 21.02 | 20.97 | 20.85 | 20.99 | 20.97 | |
| 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 | 25.51 | 25.57 | 25.46 | 25.53 | 25.35 | 27 |
| 15 | QPSK | 1 | 37 | 25.52 | 25.64 | 25.31 | 25.82 | 25.75 | |
| 15 | QPSK | 1 | 74 | 25.68 | 25.63 | 25.44 | 25.41 | 25.68 | |
| 15 | QPSK | 36 | 0 | 24.90 | 24.96 | 24.63 | 24.89 | 24.80 | 26 |
| 15 | QPSK | 36 | 20 | 24.99 | 24.96 | 24.71 | 24.93 | 25.02 | |
| 15 | QPSK | 36 | 39 | 24.95 | 24.88 | 24.66 | 24.87 | 24.92 | |
| 15 | QPSK | 75 | 0 | 24.92 | 24.90 | 24.64 | 24.88 | 24.88 | |
| 15 | 16QAM | 1 | 0 | 24.99 | 24.91 | 24.82 | 24.89 | 24.74 | 26 |
| 15 | 16QAM | 1 | 37 | 24.94 | 24.95 | 24.75 | 25.17 | 25.14 | |
| 15 | 16QAM | 1 | 74 | 24.99 | 25.04 | 24.78 | 24.77 | 24.99 | |
| 15 | 16QAM | 36 | 0 | 23.95 | 23.93 | 23.76 | 23.88 | 23.84 | 25 |
| 15 | 16QAM | 36 | 20 | 23.96 | 23.94 | 23.70 | 24.05 | 24.07 | |
| 15 | 16QAM | 36 | 39 | 23.95 | 23.95 | 23.69 | 23.92 | 24.04 | |
| 15 | 16QAM | 75 | 0 | 23.95 | 24.00 | 23.65 | 23.92 | 23.96 | |
| 15 | 64QAM | 1 | 0 | 23.81 | 23.78 | 23.65 | 23.66 | 23.58 | 25 |
| 15 | 64QAM | 1 | 37 | 23.79 | 23.82 | 23.64 | 24.04 | 24.07 | |
| 15 | 64QAM | 1 | 74 | 23.78 | 23.85 | 23.69 | 23.53 | 23.90 | |
| 15 | 64QAM | 36 | 0 | 22.91 | 22.96 | 22.72 | 22.86 | 22.89 | 24 |
| 15 | 64QAM | 36 | 20 | 22.93 | 23.04 | 22.76 | 22.96 | 22.98 | |
| 15 | 64QAM | 36 | 39 | 22.94 | 23.00 | 22.71 | 22.87 | 22.99 | |
| 15 | 64QAM | 75 | 0 | 22.90 | 22.93 | 22.78 | 22.92 | 22.87 | |
| 15 | 256QAM | 1 | 0 | 20.86 | 20.79 | 20.71 | 20.65 | 20.85 | 22 |
| 15 | 256QAM | 1 | 37 | 20.85 | 20.65 | 20.58 | 20.90 | 21.09 | |
| 15 | 256QAM | 1 | 74 | 20.77 | 20.75 | 20.55 | 20.50 | 20.86 | |
| 15 | 256QAM | 36 | 0 | 21.02 | 20.94 | 20.85 | 20.94 | 20.91 | 22 |
| 15 | 256QAM | 36 | 20 | 20.96 | 20.90 | 20.85 | 21.12 | 21.09 | |
| 15 | 256QAM | 36 | 39 | 21.02 | 20.91 | 20.81 | 20.95 | 21.01 | |
| 15 | 256QAM | 75 | 0 | 21.02 | 20.95 | 20.83 | 20.89 | 20.89 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 25.54 | 25.58 | 25.43 | 25.55 | 25.44 | 27 |
| 10 | QPSK | 1 | 25 | 25.53 | 25.58 | 25.34 | 25.80 | 25.77 | |
| 10 | QPSK | 1 | 49 | 25.63 | 25.56 | 25.48 | 25.45 | 25.73 | |
| 10 | QPSK | 25 | 0 | 24.92 | 24.98 | 24.63 | 24.86 | 24.81 | 26 |
| 10 | QPSK | 25 | 12 | 24.90 | 24.98 | 24.64 | 25.02 | 24.97 | |
| 10 | QPSK | 25 | 25 | 24.94 | 24.96 | 24.64 | 24.89 | 25.01 | |
| 10 | QPSK | 50 | 0 | 24.91 | 24.93 | 24.69 | 24.91 | 24.90 | |
| 10 | 16QAM | 1 | 0 | 24.94 | 24.97 | 24.87 | 24.91 | 24.72 | 26 |
| 10 | 16QAM | 1 | 25 | 24.94 | 24.98 | 24.81 | 25.12 | 25.17 | |
| 10 | 16QAM | 1 | 49 | 24.98 | 25.00 | 24.77 | 24.75 | 25.05 | |
| 10 | 16QAM | 25 | 0 | 23.93 | 23.97 | 23.68 | 23.82 | 23.89 | 25 |
| 10 | 16QAM | 25 | 12 | 23.98 | 23.97 | 23.76 | 24.06 | 24.07 | |
| 10 | 16QAM | 25 | 25 | 23.93 | 23.92 | 23.77 | 23.89 | 24.03 | |
| 10 | 16QAM | 50 | 0 | 23.94 | 23.97 | 23.75 | 23.92 | 23.96 | |
| 10 | 64QAM | 1 | 0 | 23.79 | 23.77 | 23.59 | 23.69 | 23.59 | 25 |
| 10 | 64QAM | 1 | 25 | 23.81 | 23.84 | 23.60 | 24.01 | 24.01 | |
| 10 | 64QAM | 1 | 49 | 23.82 | 23.82 | 23.65 | 23.52 | 23.88 | |
| 10 | 64QAM | 25 | 0 | 22.94 | 22.96 | 22.75 | 22.87 | 22.88 | 24 |
| 10 | 64QAM | 25 | 12 | 22.99 | 23.00 | 22.78 | 23.06 | 22.96 | |
| 10 | 64QAM | 25 | 25 | 22.97 | 22.96 | 22.74 | 22.87 | 23.01 | |
| 10 | 64QAM | 50 | 0 | 22.94 | 22.96 | 22.68 | 22.90 | 22.93 | |
| 10 | 256QAM | 1 | 0 | 20.86 | 20.84 | 20.74 | 20.64 | 20.79 | 22 |
| 10 | 256QAM | 1 | 25 | 20.80 | 20.74 | 20.54 | 20.86 | 21.09 | |
| 10 | 256QAM | 1 | 49 | 20.85 | 20.78 | 20.51 | 20.51 | 20.88 | |
| 10 | 256QAM | 25 | 0 | 21.05 | 20.99 | 20.93 | 20.90 | 20.92 | 22 |
| 10 | 256QAM | 25 | 12 | 20.98 | 20.99 | 20.82 | 21.05 | 21.07 | |
| 10 | 256QAM | 25 | 25 | 20.94 | 20.90 | 20.80 | 20.91 | 20.99 | |
| 10 | 256QAM | 50 | 0 | 20.97 | 20.89 | 20.75 | 20.99 | 20.91 | |
| 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 | 25.58 | 25.65 | 25.42 | 25.48 | 25.41 | 27 |
| 5 | QPSK | 1 | 12 | 25.57 | 25.64 | 25.35 | 25.86 | 25.78 | |
| 5 | QPSK | 1 | 24 | 25.65 | 25.59 | 25.41 | 25.36 | 25.65 | |
| 5 | QPSK | 12 | 0 | 24.91 | 24.91 | 24.72 | 24.83 | 24.86 | 26 |
| 5 | QPSK | 12 | 7 | 24.95 | 24.89 | 24.69 | 25.03 | 24.96 | |
| 5 | QPSK | 12 | 13 | 24.85 | 24.90 | 24.72 | 24.87 | 24.97 | |
| 5 | QPSK | 25 | 0 | 24.98 | 24.95 | 24.68 | 24.89 | 24.86 | |
| 5 | 16QAM | 1 | 0 | 24.90 | 24.91 | 24.87 | 24.90 | 24.76 | 26 |
| 5 | 16QAM | 1 | 12 | 24.92 | 24.97 | 24.79 | 25.13 | 25.16 | |
| 5 | 16QAM | 1 | 24 | 24.97 | 25.04 | 24.79 | 24.73 | 25.03 | |
| 5 | 16QAM | 12 | 0 | 23.99 | 24.01 | 23.71 | 23.83 | 23.84 | 25 |
| 5 | 16QAM | 12 | 7 | 23.96 | 23.96 | 23.68 | 24.03 | 24.05 | |
| 5 | 16QAM | 12 | 13 | 24.00 | 23.98 | 23.67 | 23.93 | 24.03 | |
| 5 | 16QAM | 25 | 0 | 23.92 | 23.98 | 23.69 | 23.95 | 23.89 | |
| 5 | 64QAM | 1 | 0 | 23.72 | 23.80 | 23.63 | 23.66 | 23.56 | 25 |
| 5 | 64QAM | 1 | 12 | 23.87 | 23.81 | 23.55 | 24.06 | 24.04 | |
| 5 | 64QAM | 1 | 24 | 23.84 | 23.80 | 23.63 | 23.55 | 23.89 | |
| 5 | 64QAM | 12 | 0 | 22.95 | 23.00 | 22.75 | 22.88 | 22.90 | 24 |
| 5 | 64QAM | 12 | 7 | 22.97 | 22.95 | 22.72 | 23.01 | 22.98 | |
| 5 | 64QAM | 12 | 13 | 22.96 | 22.95 | 22.77 | 22.97 | 23.01 | |
| 5 | 64QAM | 25 | 0 | 22.98 | 22.99 | 22.74 | 22.99 | 22.95 | |
| 5 | 256QAM | 1 | 0 | 20.78 | 20.80 | 20.74 | 20.66 | 20.83 | 22 |
| 5 | 256QAM | 1 | 12 | 20.79 | 20.70 | 20.56 | 20.85 | 21.11 | |
| 5 | 256QAM | 1 | 24 | 20.87 | 20.78 | 20.55 | 20.47 | 20.90 | |
| 5 | 256QAM | 12 | 0 | 21.08 | 20.95 | 20.84 | 20.85 | 20.94 | 22 |
| 5 | 256QAM | 12 | 7 | 21.02 | 21.00 | 20.85 | 21.03 | 21.01 | |
| 5 | 256QAM | 12 | 13 | 21.02 | 20.90 | 20.74 | 20.88 | 20.98 | |
| 5 | 256QAM | 25 | 0 | 20.94 | 20.88 | 20.75 | 20.95 | 20.87 | |

## Band 48_Ant 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 | 22.80 | 22.82 | 22.88 | 23.01 | 24.1 |
| 20 | QPSK | 1 | 49 | 22.53 | 22.63 | 22.72 | 22.73 | |
| 20 | QPSK | 1 | 99 | 22.53 | 22.60 | 22.66 | 22.67 | |
| 20 | QPSK | 50 | 0 | 22.71 | 22.86 | 22.84 | 22.84 | 24.1 |
| 20 | QPSK | 50 | 24 | 22.68 | 22.81 | 22.80 | 22.86 | |
| 20 | QPSK | 50 | 50 | 22.62 | 22.73 | 22.79 | 22.80 | |
| 20 | QPSK | 100 | 0 | 22.66 | 22.76 | 22.77 | 22.85 | |
| 20 | 16QAM | 1 | 0 | 22.77 | 22.92 | 23.00 | 23.00 | 24.1 |
| 20 | 16QAM | 1 | 49 | 22.60 | 22.73 | 22.79 | 22.79 | |
| 20 | 16QAM | 1 | 99 | 22.60 | 22.73 | 22.75 | 22.75 | |
| 20 | 16QAM | 50 | 0 | 22.22 | 22.36 | 22.37 | 22.38 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.18 | 22.31 | 22.31 | 22.41 | |
| 20 | 16QAM | 50 | 50 | 22.13 | 22.26 | 22.31 | 22.33 | |
| 20 | 16QAM | 100 | 0 | 22.17 | 22.30 | 22.27 | 22.38 | |
| 20 | 64QAM | 1 | 0 | 22.00 | 22.14 | 22.15 | 22.20 | 23.7 |
| 20 | 64QAM | 1 | 49 | 21.83 | 21.97 | 22.05 | 22.03 | |
| 20 | 64QAM | 1 | 99 | 21.88 | 21.96 | 22.03 | 22.01 | |
| 20 | 64QAM | 50 | 0 | 21.23 | 21.37 | 21.37 | 21.39 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.19 | 21.33 | 21.32 | 21.41 | |
| 20 | 64QAM | 50 | 50 | 21.15 | 21.26 | 21.32 | 21.31 | |
| 20 | 64QAM | 100 | 0 | 21.18 | 21.32 | 21.33 | 21.40 | |
| 20 | 256QAM | 1 | 0 | 18.85 | 19.09 | 19.04 | 19.31 | 20.7 |
| 20 | 256QAM | 1 | 49 | 18.77 | 19.02 | 19.08 | 19.21 | |
| 20 | 256QAM | 1 | 99 | 19.00 | 19.13 | 19.22 | 19.44 | |
| 20 | 256QAM | 50 | 0 | 19.13 | 19.32 | 19.28 | 19.48 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.16 | 19.28 | 19.34 | 19.66 | |
| 20 | 256QAM | 50 | 50 | 19.14 | 19.37 | 19.46 | 19.66 | |
| 20 | 256QAM | 100 | 0 | 19.03 | 19.30 | 19.36 | 19.55 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 22.60 | 22.80 | 22.79 | 22.83 | 24.1 |
| 15 | QPSK | 1 | 37 | 22.52 | 22.57 | 22.71 | 22.68 | |
| 15 | QPSK | 1 | 74 | 22.50 | 22.55 | 22.59 | 22.63 | |
| 15 | QPSK | 36 | 0 | 22.70 | 22.79 | 22.83 | 22.82 | 24.1 |
| 15 | QPSK | 36 | 20 | 22.65 | 22.73 | 22.72 | 22.82 | |
| 15 | QPSK | 36 | 39 | 22.61 | 22.72 | 22.72 | 22.70 | |
| 15 | QPSK | 75 | 0 | 22.62 | 22.69 | 22.70 | 22.80 | |
| 15 | 16QAM | 1 | 0 | 22.70 | 22.91 | 22.90 | 22.93 | 24.1 |
| 15 | 16QAM | 1 | 37 | 22.51 | 22.71 | 22.76 | 22.71 | |
| 15 | 16QAM | 1 | 74 | 22.56 | 22.72 | 22.75 | 22.67 | |
| 15 | 16QAM | 36 | 0 | 22.22 | 22.27 | 22.31 | 22.36 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.14 | 22.31 | 22.28 | 22.31 | |
| 15 | 16QAM | 36 | 39 | 22.12 | 22.24 | 22.26 | 22.29 | |
| 15 | 16QAM | 75 | 0 | 22.13 | 22.20 | 22.22 | 22.28 | |
| 15 | 64QAM | 1 | 0 | 21.95 | 22.11 | 22.06 | 22.20 | 23.7 |
| 15 | 64QAM | 1 | 37 | 21.78 | 21.88 | 22.01 | 21.93 | |
| 15 | 64QAM | 1 | 74 | 21.85 | 21.96 | 21.93 | 21.99 | |
| 15 | 64QAM | 36 | 0 | 21.20 | 21.27 | 21.36 | 21.30 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.12 | 21.24 | 21.25 | 21.34 | |
| 15 | 64QAM | 36 | 39 | 21.11 | 21.28 | 21.25 | 21.25 | |
| 15 | 64QAM | 75 | 0 | 21.08 | 21.22 | 21.31 | 21.37 | |
| 15 | 256QAM | 1 | 0 | 18.90 | 19.08 | 19.06 | 19.23 | 20.7 |
| 15 | 256QAM | 1 | 37 | 18.73 | 18.98 | 19.06 | 19.28 | |
| 15 | 256QAM | 1 | 74 | 18.97 | 19.12 | 19.25 | 19.43 | |
| 15 | 256QAM | 36 | 0 | 19.13 | 19.30 | 19.31 | 19.52 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.19 | 19.34 | 19.33 | 19.63 | |
| 15 | 256QAM | 36 | 39 | 19.16 | 19.35 | 19.45 | 19.65 | |
| 15 | 256QAM | 75 | 0 | 19.10 | 19.34 | 19.26 | 19.55 | |
| Channel | | | | 55290 | 55815 | 56160 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 22.65 | 22.79 | 22.81 | 22.83 | 24.1 |
| 10 | QPSK | 1 | 25 | 22.46 | 22.58 | 22.65 | 22.64 | |
| 10 | QPSK | 1 | 49 | 22.47 | 22.50 | 22.66 | 22.61 | |
| 10 | QPSK | 25 | 0 | 22.68 | 22.84 | 22.77 | 22.82 | 24.1 |
| 10 | QPSK | 25 | 12 | 22.60 | 22.80 | 22.70 | 22.80 | |
| 10 | QPSK | 25 | 25 | 22.53 | 22.64 | 22.70 | 22.71 | |
| 10 | QPSK | 50 | 0 | 22.61 | 22.70 | 22.70 | 22.84 | |
| 10 | 16QAM | 1 | 0 | 22.73 | 22.92 | 22.90 | 22.90 | 24.1 |
| 10 | 16QAM | 1 | 25 | 22.58 | 22.70 | 22.72 | 22.69 | |
| 10 | 16QAM | 1 | 49 | 22.51 | 22.63 | 22.66 | 22.66 | |
| 10 | 16QAM | 25 | 0 | 22.22 | 22.30 | 22.27 | 22.35 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.08 | 22.23 | 22.23 | 22.40 | |
| 10 | 16QAM | 25 | 25 | 22.04 | 22.19 | 22.28 | 22.28 | |
| 10 | 16QAM | 50 | 0 | 22.11 | 22.30 | 22.17 | 22.33 | |
| 10 | 64QAM | 1 | 0 | 21.91 | 22.11 | 22.12 | 22.10 | 23.7 |
| 10 | 64QAM | 1 | 25 | 21.79 | 21.92 | 21.98 | 21.97 | |
| 10 | 64QAM | 1 | 49 | 21.82 | 21.95 | 21.95 | 21.91 | |
| 10 | 64QAM | 25 | 0 | 21.21 | 21.37 | 21.32 | 21.33 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.30 | 21.32 | 21.32 | |
| 10 | 64QAM | 25 | 25 | 21.11 | 21.18 | 21.22 | 21.22 | |
| 10 | 64QAM | 50 | 0 | 21.11 | 21.25 | 21.23 | 21.33 | |
| 10 | 256QAM | 1 | 0 | 18.85 | 19.09 | 19.11 | 19.30 | 20.7 |
| 10 | 256QAM | 1 | 25 | 18.79 | 19.04 | 19.02 | 19.26 | |
| 10 | 256QAM | 1 | 49 | 18.94 | 19.07 | 19.30 | 19.42 | |
| 10 | 256QAM | 25 | 0 | 19.09 | 19.32 | 19.30 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.11 | 19.31 | 19.33 | 19.60 | |
| 10 | 256QAM | 25 | 25 | 19.15 | 19.31 | 19.49 | 19.56 | |
| 10 | 256QAM | 50 | 0 | 19.10 | 19.34 | 19.35 | 19.58 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 22.61 | 22.79 | 22.82 | 22.88 | 24.1 |
| 5 | QPSK | 1 | 12 | 22.45 | 22.58 | 22.71 | 22.66 | |
| 5 | QPSK | 1 | 24 | 22.53 | 22.53 | 22.61 | 22.59 | |
| 5 | QPSK | 12 | 0 | 22.70 | 22.84 | 22.77 | 22.84 | 24.1 |
| 5 | QPSK | 12 | 7 | 22.61 | 22.72 | 22.73 | 22.80 | |
| 5 | QPSK | 12 | 13 | 22.60 | 22.63 | 22.79 | 22.72 | |
| 5 | QPSK | 25 | 0 | 22.63 | 22.71 | 22.77 | 22.80 | |
| 5 | 16QAM | 1 | 0 | 22.77 | 22.83 | 22.91 | 22.96 | 24.1 |
| 5 | 16QAM | 1 | 12 | 22.53 | 22.71 | 22.75 | 22.71 | |
| 5 | 16QAM | 1 | 24 | 22.57 | 22.67 | 22.70 | 22.73 | |
| 5 | 16QAM | 12 | 0 | 22.18 | 22.29 | 22.34 | 22.34 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.18 | 22.22 | 22.30 | 22.32 | |
| 5 | 16QAM | 12 | 13 | 22.13 | 22.19 | 22.22 | 22.30 | |
| 5 | 16QAM | 25 | 0 | 22.16 | 22.21 | 22.27 | 22.38 | |
| 5 | 64QAM | 1 | 0 | 21.90 | 22.08 | 22.13 | 22.18 | 23.7 |
| 5 | 64QAM | 1 | 12 | 21.75 | 21.96 | 22.01 | 21.93 | |
| 5 | 64QAM | 1 | 24 | 21.88 | 21.93 | 22.00 | 22.01 | |
| 5 | 64QAM | 12 | 0 | 21.23 | 21.35 | 21.33 | 21.37 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.17 | 21.23 | 21.24 | 21.39 | |
| 5 | 64QAM | 12 | 13 | 21.13 | 21.22 | 21.30 | 21.27 | |
| 5 | 64QAM | 25 | 0 | 21.09 | 21.26 | 21.32 | 21.34 | |
| 5 | 256QAM | 1 | 0 | 18.86 | 19.13 | 19.08 | 19.24 | 20.7 |
| 5 | 256QAM | 1 | 12 | 18.72 | 19.00 | 19.04 | 19.29 | |
| 5 | 256QAM | 1 | 24 | 18.96 | 19.06 | 19.27 | 19.35 | |
| 5 | 256QAM | 12 | 0 | 19.08 | 19.36 | 19.29 | 19.45 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.09 | 19.36 | 19.29 | 19.61 | |
| 5 | 256QAM | 12 | 13 | 19.14 | 19.29 | 19.48 | 19.63 | |
| 5 | 256QAM | 25 | 0 | 19.07 | 19.29 | 19.36 | 19.52 | |

## Band 38_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 24.68 | 24.63 | 24.52 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.69 | 24.64 | 24.52 | |
| 20 | QPSK | 1 | 99 | 24.68 | 24.57 | 24.48 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.70 | 23.69 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.89 | 23.72 | 23.68 | |
| 20 | QPSK | 50 | 50 | 23.87 | 23.70 | 23.66 | |
| 20 | QPSK | 100 | 0 | 23.88 | 23.71 | 23.68 | |
| 20 | 16QAM | 1 | 0 | 23.81 | 23.74 | 23.67 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.79 | 23.72 | 23.61 | |
| 20 | 16QAM | 1 | 99 | 23.81 | 23.69 | 23.61 | |
| 20 | 16QAM | 50 | 0 | 22.91 | 22.76 | 22.73 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.75 | 22.70 | |
| 20 | 16QAM | 50 | 50 | 22.90 | 22.72 | 22.69 | |
| 20 | 16QAM | 100 | 0 | 22.89 | 22.73 | 22.70 | |
| 20 | 64QAM | 1 | 0 | 23.57 | 22.41 | 22.42 | 23.7 |
| 20 | 64QAM | 1 | 49 | 23.53 | 22.46 | 22.36 | |
| 20 | 64QAM | 1 | 99 | 23.56 | 22.39 | 22.42 | |
| 20 | 64QAM | 50 | 0 | 22.62 | 21.76 | 21.73 | 22.7 |
| 20 | 64QAM | 50 | 24 | 22.65 | 21.77 | 21.70 | |
| 20 | 64QAM | 50 | 50 | 22.62 | 21.74 | 21.70 | |
| 20 | 64QAM | 100 | 0 | 22.70 | 21.74 | 21.70 | |
| 20 | 256QAM | 1 | 0 | 19.77 | 19.78 | 19.81 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.70 | 19.68 | 19.59 | |
| 20 | 256QAM | 1 | 99 | 19.73 | 19.57 | 19.54 | |
| 20 | 256QAM | 50 | 0 | 20.07 | 19.96 | 19.97 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.02 | 19.92 | 19.93 | |
| 20 | 256QAM | 50 | 50 | 20.01 | 19.83 | 19.87 | |
| 20 | 256QAM | 100 | 0 | 20.03 | 19.92 | 19.91 | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | |
| 15 | QPSK | 1 | 0 | 24.60 | 24.52 | 24.39 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.55 | 24.50 | 24.35 | |
| 15 | QPSK | 1 | 74 | 24.59 | 24.52 | 24.38 | |
| 15 | QPSK | 36 | 0 | 23.77 | 23.63 | 23.59 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.80 | 23.73 | 23.56 | |
| 15 | QPSK | 36 | 39 | 23.75 | 23.61 | 23.56 | |
| 15 | QPSK | 75 | 0 | 23.78 | 23.63 | 23.58 | |
| 15 | 16QAM | 1 | 0 | 23.78 | 23.68 | 23.58 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.63 | 23.60 | 23.43 | |
| 15 | 16QAM | 1 | 74 | 23.74 | 23.63 | 23.54 | |
| 15 | 16QAM | 36 | 0 | 22.76 | 22.64 | 22.55 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.74 | 22.68 | 22.54 | |
| 15 | 16QAM | 36 | 39 | 22.74 | 22.58 | 22.54 | |
| 15 | 16QAM | 75 | 0 | 22.79 | 22.65 | 22.60 | |
| 15 | 64QAM | 1 | 0 | 22.50 | 22.35 | 22.30 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.44 | 22.37 | 22.23 | |
| 15 | 64QAM | 1 | 74 | 22.44 | 22.29 | 22.25 | |
| 15 | 64QAM | 36 | 0 | 21.82 | 21.67 | 21.61 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.80 | 21.73 | 21.61 | |
| 15 | 64QAM | 36 | 39 | 21.81 | 21.65 | 21.58 | |
| 15 | 64QAM | 75 | 0 | 21.81 | 21.65 | 21.61 | |
| 15 | 256QAM | 1 | 0 | 19.75 | 19.70 | 19.77 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.67 | 19.58 | 19.55 | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.55 | 19.49 | |
| 15 | 256QAM | 36 | 0 | 19.98 | 19.89 | 19.89 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.95 | 19.86 | 19.91 | |
| 15 | 256QAM | 36 | 39 | 19.98 | 19.83 | 19.84 | |
| 15 | 256QAM | 75 | 0 | 19.99 | 19.91 | 19.89 | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 24.63 | 24.51 | 24.42 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.61 | 24.55 | 24.41 | |
| 10 | QPSK | 1 | 49 | 24.67 | 24.57 | 24.42 | |
| 10 | QPSK | 25 | 0 | 23.74 | 23.59 | 23.52 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.75 | 23.69 | 23.52 | |
| 10 | QPSK | 25 | 25 | 23.74 | 23.69 | 23.51 | |
| 10 | QPSK | 50 | 0 | 23.75 | 23.61 | 23.53 | |
| 10 | 16QAM | 1 | 0 | 23.81 | 23.66 | 23.52 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.72 | 23.64 | 23.51 | |
| 10 | 16QAM | 1 | 49 | 23.79 | 23.68 | 23.47 | |
| 10 | 16QAM | 25 | 0 | 22.74 | 22.59 | 22.53 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.76 | 22.72 | 22.58 | |
| 10 | 16QAM | 25 | 25 | 22.74 | 22.67 | 22.48 | |
| 10 | 16QAM | 50 | 0 | 22.78 | 22.62 | 22.56 | |
| 10 | 64QAM | 1 | 0 | 22.57 | 22.39 | 22.32 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.54 | 22.43 | 22.32 | |
| 10 | 64QAM | 1 | 49 | 22.50 | 22.39 | 22.30 | |
| 10 | 64QAM | 25 | 0 | 21.81 | 21.67 | 21.61 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.83 | 21.75 | 21.63 | |
| 10 | 64QAM | 25 | 25 | 21.82 | 21.76 | 21.60 | |
| 10 | 64QAM | 50 | 0 | 21.78 | 21.65 | 21.57 | |
| 10 | 256QAM | 1 | 0 | 19.69 | 19.72 | 19.78 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.65 | 19.59 | 19.56 | |
| 10 | 256QAM | 1 | 49 | 19.69 | 19.52 | 19.48 | |
| 10 | 256QAM | 25 | 0 | 19.98 | 19.89 | 19.91 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.94 | 19.83 | 19.86 | |
| 10 | 256QAM | 25 | 25 | 19.91 | 19.76 | 19.82 | |
| 10 | 256QAM | 50 | 0 | 20.01 | 19.84 | 19.88 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 24.58 | 24.53 | 24.37 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.54 | 24.49 | 24.35 | |
| 5 | QPSK | 1 | 24 | 24.59 | 24.52 | 24.33 | |
| 5 | QPSK | 12 | 0 | 23.68 | 23.64 | 23.48 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.72 | 23.64 | 23.50 | |
| 5 | QPSK | 12 | 13 | 23.71 | 23.66 | 23.49 | |
| 5 | QPSK | 25 | 0 | 23.72 | 23.65 | 23.45 | |
| 5 | 16QAM | 1 | 0 | 23.72 | 23.67 | 23.52 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.75 | 23.68 | 23.50 | |
| 5 | 16QAM | 1 | 24 | 23.75 | 23.68 | 23.52 | |
| 5 | 16QAM | 12 | 0 | 22.67 | 22.60 | 22.46 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.72 | 22.66 | 22.47 | |
| 5 | 16QAM | 12 | 13 | 22.67 | 22.62 | 22.45 | |
| 5 | 16QAM | 25 | 0 | 22.73 | 22.68 | 22.52 | |
| 5 | 64QAM | 1 | 0 | 22.51 | 22.42 | 22.25 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.54 | 22.44 | 22.30 | |
| 5 | 64QAM | 1 | 24 | 22.54 | 22.45 | 22.29 | |
| 5 | 64QAM | 12 | 0 | 21.76 | 21.71 | 21.53 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.77 | 21.70 | 21.55 | |
| 5 | 64QAM | 12 | 13 | 21.78 | 21.70 | 21.51 | |
| 5 | 64QAM | 25 | 0 | 21.79 | 21.70 | 21.55 | |
| 5 | 256QAM | 1 | 0 | 19.67 | 19.77 | 19.81 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.64 | 19.63 | 19.56 | |
| 5 | 256QAM | 1 | 24 | 19.72 | 19.55 | 19.49 | |
| 5 | 256QAM | 12 | 0 | 20.02 | 19.86 | 19.87 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.97 | 19.86 | 19.93 | |
| 5 | 256QAM | 12 | 13 | 19.99 | 19.80 | 19.77 | |
| 5 | 256QAM | 25 | 0 | 19.96 | 19.87 | 19.82 | |

## Band 41_Ant 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 | 24.69 | 24.77 | 24.75 | 24.51 | 24.30 | 25.7 |
| 20 | QPSK | 1 | 49 | 24.74 | 24.80 | 24.64 | 24.83 | 24.68 | |
| 20 | QPSK | 1 | 99 | 24.76 | 24.82 | 24.75 | 24.41 | 24.57 | |
| 20 | QPSK | 50 | 0 | 23.87 | 23.94 | 23.83 | 23.75 | 23.65 | 24.7 |
| 20 | QPSK | 50 | 24 | 23.90 | 23.95 | 23.83 | 23.87 | 23.77 | |
| 20 | QPSK | 50 | 50 | 23.87 | 23.97 | 23.82 | 23.75 | 23.75 | |
| 20 | QPSK | 100 | 0 | 23.88 | 23.95 | 23.83 | 23.79 | 23.69 | |
| 20 | 16QAM | 1 | 0 | 23.83 | 23.89 | 23.87 | 23.64 | 23.43 | 24.7 |
| 20 | 16QAM | 1 | 49 | 23.82 | 23.89 | 23.78 | 23.92 | 23.77 | |
| 20 | 16QAM | 1 | 99 | 23.86 | 23.95 | 23.83 | 23.48 | 23.63 | |
| 20 | 16QAM | 50 | 0 | 22.90 | 22.96 | 22.85 | 22.78 | 22.67 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.90 | 22.99 | 22.88 | 22.93 | 22.81 | |
| 20 | 16QAM | 50 | 50 | 22.91 | 23.00 | 22.87 | 22.80 | 22.79 | |
| 20 | 16QAM | 100 | 0 | 22.89 | 22.98 | 22.87 | 22.83 | 22.72 | |
| 20 | 64QAM | 1 | 0 | 22.54 | 22.57 | 22.50 | 22.28 | 22.12 | 23.7 |
| 20 | 64QAM | 1 | 49 | 22.56 | 22.62 | 22.51 | 22.72 | 22.52 | |
| 20 | 64QAM | 1 | 99 | 22.57 | 22.70 | 22.53 | 22.22 | 22.26 | |
| 20 | 64QAM | 50 | 0 | 21.91 | 21.97 | 21.85 | 21.78 | 21.67 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.94 | 22.01 | 21.87 | 21.92 | 21.83 | |
| 20 | 64QAM | 50 | 50 | 21.91 | 21.99 | 21.86 | 21.78 | 21.80 | |
| 20 | 64QAM | 100 | 0 | 21.90 | 21.98 | 21.87 | 21.81 | 21.72 | |
| 20 | 256QAM | 1 | 0 | 19.89 | 19.75 | 19.87 | 19.61 | 19.38 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.75 | 19.71 | 19.77 | 19.75 | 19.73 | |
| 20 | 256QAM | 1 | 99 | 19.79 | 19.81 | 19.82 | 19.26 | 19.59 | |
| 20 | 256QAM | 50 | 0 | 20.10 | 20.10 | 20.14 | 20.00 | 19.87 | 20.7 |
| 20 | 256QAM | 50 | 24 | 20.06 | 20.06 | 20.12 | 20.07 | 20.02 | |
| 20 | 256QAM | 50 | 50 | 20.07 | 20.01 | 20.09 | 19.88 | 19.98 | |
| 20 | 256QAM | 100 | 0 | 20.07 | 20.03 | 20.09 | 19.90 | 19.91 | |
| 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 | 24.62 | 24.70 | 24.65 | 24.61 | 24.39 | 25.7 |
| 15 | QPSK | 1 | 37 | 24.63 | 24.72 | 24.60 | 24.74 | 24.63 | |
| 15 | QPSK | 1 | 74 | 24.66 | 24.81 | 24.68 | 24.53 | 24.59 | |
| 15 | QPSK | 36 | 0 | 23.70 | 23.85 | 23.75 | 23.73 | 23.63 | 24.7 |
| 15 | QPSK | 36 | 20 | 23.83 | 23.84 | 23.76 | 23.77 | 23.71 | |
| 15 | QPSK | 36 | 39 | 23.80 | 23.87 | 23.74 | 23.77 | 23.72 | |
| 15 | QPSK | 75 | 0 | 23.79 | 23.86 | 23.77 | 23.72 | 23.66 | |
| 15 | 16QAM | 1 | 0 | 23.76 | 23.84 | 23.76 | 23.77 | 23.52 | 24.7 |
| 15 | 16QAM | 1 | 37 | 23.70 | 23.79 | 23.68 | 23.80 | 23.71 | |
| 15 | 16QAM | 1 | 74 | 23.80 | 24.00 | 23.85 | 23.67 | 23.68 | |
| 15 | 16QAM | 36 | 0 | 22.69 | 22.82 | 22.74 | 22.70 | 22.56 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.77 | 22.83 | 22.71 | 22.73 | 22.68 | |
| 15 | 16QAM | 36 | 39 | 22.77 | 22.86 | 22.71 | 22.75 | 22.67 | |
| 15 | 16QAM | 75 | 0 | 22.84 | 22.89 | 22.77 | 22.75 | 22.70 | |
| 15 | 64QAM | 1 | 0 | 22.46 | 22.54 | 22.51 | 22.43 | 22.23 | 23.7 |
| 15 | 64QAM | 1 | 37 | 22.52 | 22.58 | 22.45 | 22.66 | 22.47 | |
| 15 | 64QAM | 1 | 74 | 22.53 | 22.74 | 22.53 | 22.41 | 22.36 | |
| 15 | 64QAM | 36 | 0 | 21.75 | 21.90 | 21.79 | 21.76 | 21.64 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.83 | 21.89 | 21.76 | 21.79 | 21.78 | |
| 15 | 64QAM | 36 | 39 | 21.83 | 21.91 | 21.79 | 21.78 | 21.73 | |
| 15 | 64QAM | 75 | 0 | 21.83 | 21.90 | 21.78 | 21.74 | 21.70 | |
| 15 | 256QAM | 1 | 0 | 19.82 | 19.74 | 19.82 | 19.61 | 19.34 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.70 | 19.69 | 19.67 | 19.73 | 19.72 | |
| 15 | 256QAM | 1 | 74 | 19.72 | 19.75 | 19.78 | 19.20 | 19.56 | |
| 15 | 256QAM | 36 | 0 | 20.08 | 20.05 | 20.04 | 19.96 | 19.81 | 20.7 |
| 15 | 256QAM | 36 | 20 | 20.04 | 20.02 | 20.07 | 20.02 | 20.01 | |
| 15 | 256QAM | 36 | 39 | 19.98 | 19.95 | 20.03 | 19.80 | 19.90 | |
| 15 | 256QAM | 75 | 0 | 20.04 | 20.00 | 20.05 | 19.80 | 19.91 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 24.65 | 24.69 | 24.64 | 24.45 | 24.41 | 25.7 |
| 10 | QPSK | 1 | 25 | 24.68 | 24.74 | 24.67 | 24.75 | 24.62 | |
| 10 | QPSK | 1 | 49 | 24.70 | 24.76 | 24.65 | 24.53 | 24.35 | |
| 10 | QPSK | 25 | 0 | 23.76 | 23.82 | 23.75 | 23.72 | 23.68 | 24.7 |
| 10 | QPSK | 25 | 12 | 23.78 | 23.87 | 23.77 | 23.88 | 23.73 | |
| 10 | QPSK | 25 | 25 | 23.78 | 23.85 | 23.76 | 23.80 | 23.64 | |
| 10 | QPSK | 50 | 0 | 23.78 | 23.87 | 23.77 | 23.79 | 23.67 | |
| 10 | 16QAM | 1 | 0 | 23.80 | 23.84 | 23.79 | 23.65 | 23.56 | 24.7 |
| 10 | 16QAM | 1 | 25 | 23.80 | 23.89 | 23.74 | 23.91 | 23.74 | |
| 10 | 16QAM | 1 | 49 | 23.76 | 23.89 | 23.72 | 23.63 | 23.46 | |
| 10 | 16QAM | 25 | 0 | 22.77 | 22.84 | 22.77 | 22.77 | 22.69 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.81 | 22.89 | 22.80 | 22.94 | 22.77 | |
| 10 | 16QAM | 25 | 25 | 22.78 | 22.83 | 22.75 | 22.80 | 22.65 | |
| 10 | 16QAM | 50 | 0 | 22.81 | 22.90 | 22.79 | 22.84 | 22.70 | |
| 10 | 64QAM | 1 | 0 | 22.54 | 22.51 | 22.47 | 22.35 | 22.28 | 23.7 |
| 10 | 64QAM | 1 | 25 | 22.58 | 22.67 | 22.53 | 22.76 | 22.49 | |
| 10 | 64QAM | 1 | 49 | 22.55 | 22.66 | 22.45 | 22.40 | 22.12 | |
| 10 | 64QAM | 25 | 0 | 21.83 | 21.92 | 21.82 | 21.81 | 21.74 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.88 | 21.94 | 21.80 | 21.96 | 21.82 | |
| 10 | 64QAM | 25 | 25 | 21.85 | 21.95 | 21.85 | 21.87 | 21.71 | |
| 10 | 64QAM | 50 | 0 | 21.81 | 21.87 | 21.79 | 21.83 | 21.70 | |
| 10 | 256QAM | 1 | 0 | 19.79 | 19.66 | 19.78 | 19.61 | 19.36 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.69 | 19.62 | 19.77 | 19.66 | 19.69 | |
| 10 | 256QAM | 1 | 49 | 19.78 | 19.81 | 19.80 | 19.24 | 19.54 | |
| 10 | 256QAM | 25 | 0 | 20.07 | 20.05 | 20.05 | 19.96 | 19.84 | 20.7 |
| 10 | 256QAM | 25 | 12 | 20.05 | 19.97 | 20.10 | 20.06 | 19.97 | |
| 10 | 256QAM | 25 | 25 | 19.97 | 20.01 | 20.04 | 19.88 | 19.91 | |
| 10 | 256QAM | 50 | 0 | 20.01 | 20.03 | 20.03 | 19.89 | 19.89 | |
| 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 | 24.67 | 24.69 | 24.59 | 24.70 | 24.58 | 25.7 |
| 5 | QPSK | 1 | 12 | 24.64 | 24.71 | 24.64 | 24.74 | 24.59 | |
| 5 | QPSK | 1 | 24 | 24.62 | 24.69 | 24.61 | 24.70 | 24.54 | |
| 5 | QPSK | 12 | 0 | 23.77 | 23.80 | 23.73 | 23.78 | 23.72 | 24.7 |
| 5 | QPSK | 12 | 7 | 23.76 | 23.87 | 23.77 | 23.83 | 23.73 | |
| 5 | QPSK | 12 | 13 | 23.76 | 23.82 | 23.74 | 23.85 | 23.70 | |
| 5 | QPSK | 25 | 0 | 23.76 | 23.83 | 23.75 | 23.78 | 23.67 | |
| 5 | 16QAM | 1 | 0 | 23.78 | 23.84 | 23.75 | 23.82 | 23.74 | 24.7 |
| 5 | 16QAM | 1 | 12 | 23.81 | 23.87 | 23.84 | 23.96 | 23.85 | |
| 5 | 16QAM | 1 | 24 | 23.83 | 23.87 | 23.80 | 23.89 | 23.71 | |
| 5 | 16QAM | 12 | 0 | 22.76 | 22.81 | 22.73 | 22.81 | 22.70 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.83 | 22.72 | 22.81 | 22.72 | |
| 5 | 16QAM | 12 | 13 | 22.76 | 22.80 | 22.74 | 22.81 | 22.68 | |
| 5 | 16QAM | 25 | 0 | 22.80 | 22.88 | 22.80 | 22.83 | 22.72 | |
| 5 | 64QAM | 1 | 0 | 22.58 | 22.62 | 22.50 | 22.64 | 22.50 | 23.7 |
| 5 | 64QAM | 1 | 12 | 22.59 | 22.66 | 22.50 | 22.73 | 22.50 | |
| 5 | 64QAM | 1 | 24 | 22.59 | 22.65 | 22.52 | 22.67 | 22.44 | |
| 5 | 64QAM | 12 | 0 | 21.80 | 21.87 | 21.77 | 21.85 | 21.73 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.82 | 21.92 | 21.83 | 21.86 | 21.79 | |
| 5 | 64QAM | 12 | 13 | 21.80 | 21.89 | 21.79 | 21.89 | 21.72 | |
| 5 | 64QAM | 25 | 0 | 21.83 | 21.89 | 21.83 | 21.86 | 21.75 | |
| 5 | 256QAM | 1 | 0 | 19.87 | 19.73 | 19.81 | 19.53 | 19.33 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.75 | 19.65 | 19.69 | 19.73 | 19.73 | |
| 5 | 256QAM | 1 | 24 | 19.71 | 19.78 | 19.75 | 19.26 | 19.56 | |
| 5 | 256QAM | 12 | 0 | 20.04 | 20.09 | 20.06 | 19.99 | 19.82 | 20.7 |
| 5 | 256QAM | 12 | 7 | 20.02 | 20.03 | 20.02 | 20.00 | 20.02 | |
| 5 | 256QAM | 12 | 13 | 20.06 | 19.92 | 20.01 | 19.81 | 19.95 | |
| 5 | 256QAM | 25 | 0 | 20.05 | 19.96 | 20.02 | 19.86 | 19.89 | |

## Band 41 HPUE_Ant 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 26.30 | 26.35 | 26.33 | 26.26 | 26.05 | 27.5 |
| 20 | QPSK | 1 | 49 | 26.27 | 26.36 | 26.26 | 26.54 | 26.41 | |
| 20 | QPSK | 1 | 99 | 26.30 | 26.39 | 26.30 | 26.14 | 26.28 | |
| 20 | QPSK | 50 | 0 | 25.57 | 25.64 | 25.54 | 25.60 | 25.48 | 26.5 |
| 20 | QPSK | 50 | 24 | 25.57 | 25.67 | 25.57 | 25.77 | 25.66 | |
| 20 | QPSK | 50 | 50 | 25.57 | 25.66 | 25.54 | 25.60 | 25.63 | |
| 20 | QPSK | 100 | 0 | 25.57 | 25.66 | 25.54 | 25.63 | 25.56 | |
| 20 | 16QAM | 1 | 0 | 25.67 | 25.72 | 25.71 | 25.67 | 25.42 | 26.5 |
| 20 | 16QAM | 1 | 49 | 25.66 | 25.72 | 25.63 | 25.89 | 25.80 | |
| 20 | 16QAM | 1 | 99 | 25.64 | 25.73 | 25.63 | 25.49 | 25.63 | |
| 20 | 16QAM | 50 | 0 | 24.61 | 24.68 | 24.57 | 24.63 | 24.53 | 25.5 |
| 20 | 16QAM | 50 | 24 | 24.61 | 24.68 | 24.58 | 24.81 | 24.66 | |
| 20 | 16QAM | 50 | 50 | 24.61 | 24.70 | 24.56 | 24.65 | 24.66 | |
| 20 | 16QAM | 100 | 0 | 24.62 | 24.68 | 24.56 | 24.67 | 24.59 | |
| 20 | 64QAM | 1 | 0 | 24.48 | 24.50 | 24.49 | 24.46 | 24.28 | 25.5 |
| 20 | 64QAM | 1 | 49 | 24.51 | 24.58 | 24.45 | 24.80 | 24.64 | |
| 20 | 64QAM | 1 | 99 | 24.50 | 24.61 | 24.52 | 24.38 | 23.91 | |
| 20 | 64QAM | 50 | 0 | 23.61 | 23.68 | 23.59 | 23.65 | 23.52 | 24.5 |
| 20 | 64QAM | 50 | 24 | 23.63 | 23.70 | 23.58 | 23.77 | 23.66 | |
| 20 | 64QAM | 50 | 50 | 23.63 | 23.71 | 23.58 | 23.66 | 23.52 | |
| 20 | 64QAM | 100 | 0 | 23.62 | 23.69 | 23.57 | 23.68 | 23.59 | |
| 20 | 256QAM | 1 | 0 | 21.75 | 21.79 | 21.84 | 21.77 | 21.50 | 22.5 |
| 20 | 256QAM | 1 | 49 | 21.64 | 21.68 | 21.70 | 21.92 | 21.84 | |
| 20 | 256QAM | 1 | 99 | 21.73 | 21.77 | 21.75 | 21.49 | 21.84 | |
| 20 | 256QAM | 50 | 0 | 21.89 | 21.91 | 21.91 | 21.92 | 21.78 | 22.5 |
| 20 | 256QAM | 50 | 24 | 21.88 | 21.88 | 21.92 | 22.01 | 21.90 | |
| 20 | 256QAM | 50 | 50 | 21.81 | 21.86 | 21.85 | 21.82 | 21.86 | |
| 20 | 256QAM | 100 | 0 | 21.84 | 21.83 | 21.88 | 21.88 | 21.79 | |
| 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 | 26.33 | 26.41 | 26.38 | 26.49 | 26.25 | 27.5 |
| 15 | QPSK | 1 | 37 | 26.34 | 26.43 | 26.33 | 26.51 | 26.50 | |
| 15 | QPSK | 1 | 74 | 26.38 | 26.52 | 26.42 | 26.40 | 26.43 | |
| 15 | QPSK | 36 | 0 | 25.47 | 25.61 | 25.54 | 25.63 | 25.53 | 26.5 |
| 15 | QPSK | 36 | 20 | 25.56 | 25.63 | 25.55 | 25.68 | 25.62 | |
| 15 | QPSK | 36 | 39 | 25.56 | 25.63 | 25.52 | 25.65 | 25.61 | |
| 15 | QPSK | 75 | 0 | 25.56 | 25.63 | 25.53 | 25.63 | 25.59 | |
| 15 | 16QAM | 1 | 0 | 25.60 | 25.71 | 25.67 | 25.78 | 25.56 | 26.5 |
| 15 | 16QAM | 1 | 37 | 25.59 | 25.68 | 25.58 | 25.86 | 25.74 | |
| 15 | 16QAM | 1 | 74 | 25.66 | 25.82 | 25.71 | 25.70 | 25.68 | |
| 15 | 16QAM | 36 | 0 | 24.46 | 24.58 | 24.50 | 24.63 | 24.49 | 25.5 |
| 15 | 16QAM | 36 | 20 | 24.53 | 24.58 | 24.50 | 24.65 | 24.61 | |
| 15 | 16QAM | 36 | 39 | 24.55 | 24.62 | 24.50 | 24.66 | 24.60 | |
| 15 | 16QAM | 75 | 0 | 24.57 | 24.63 | 24.53 | 24.63 | 24.58 | |
| 15 | 64QAM | 1 | 0 | 24.41 | 24.51 | 24.49 | 24.61 | 24.39 | 25.5 |
| 15 | 64QAM | 1 | 37 | 24.51 | 24.58 | 24.48 | 24.81 | 24.51 | |
| 15 | 64QAM | 1 | 74 | 24.51 | 24.71 | 24.58 | 24.51 | 24.18 | |
| 15 | 64QAM | 36 | 0 | 23.49 | 23.62 | 23.55 | 23.65 | 23.54 | 24.5 |
| 15 | 64QAM | 36 | 20 | 23.58 | 23.66 | 23.54 | 23.70 | 23.56 | |
| 15 | 64QAM | 36 | 39 | 23.58 | 23.65 | 23.54 | 23.69 | 23.49 | |
| 15 | 64QAM | 75 | 0 | 23.58 | 23.66 | 23.55 | 23.65 | 23.58 | |
| 15 | 256QAM | 1 | 0 | 21.66 | 21.79 | 21.76 | 21.76 | 21.41 | 22.5 |
| 15 | 256QAM | 1 | 37 | 21.58 | 21.64 | 21.60 | 21.92 | 21.80 | |
| 15 | 256QAM | 1 | 74 | 21.71 | 21.71 | 21.67 | 21.46 | 21.84 | |
| 15 | 256QAM | 36 | 0 | 21.88 | 21.81 | 21.89 | 21.82 | 21.74 | 22.5 |
| 15 | 256QAM | 36 | 20 | 21.81 | 21.78 | 21.88 | 21.96 | 21.86 | |
| 15 | 256QAM | 36 | 39 | 21.75 | 21.76 | 21.85 | 21.75 | 21.86 | |
| 15 | 256QAM | 75 | 0 | 21.80 | 21.76 | 21.88 | 21.85 | 21.71 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 26.36 | 26.35 | 26.40 | 26.29 | 26.24 | 27.5 |
| 10 | QPSK | 1 | 25 | 26.33 | 26.42 | 26.32 | 26.53 | 26.40 | |
| 10 | QPSK | 1 | 49 | 26.43 | 26.51 | 26.33 | 26.40 | 26.12 | |
| 10 | QPSK | 25 | 0 | 25.55 | 25.63 | 25.54 | 25.64 | 25.59 | 26.5 |
| 10 | QPSK | 25 | 12 | 25.57 | 25.67 | 25.59 | 25.80 | 25.67 | |
| 10 | QPSK | 25 | 25 | 25.57 | 25.66 | 25.54 | 25.72 | 25.56 | |
| 10 | QPSK | 50 | 0 | 25.57 | 25.66 | 25.54 | 25.73 | 25.57 | |
| 10 | 16QAM | 1 | 0 | 25.77 | 25.77 | 25.75 | 25.66 | 25.62 | 26.5 |
| 10 | 16QAM | 1 | 25 | 25.71 | 25.80 | 25.71 | 25.92 | 25.77 | |
| 10 | 16QAM | 1 | 49 | 25.74 | 25.84 | 25.71 | 25.71 | 25.52 | |
| 10 | 16QAM | 25 | 0 | 24.54 | 24.62 | 24.58 | 24.68 | 24.64 | 25.5 |
| 10 | 16QAM | 25 | 12 | 24.59 | 24.70 | 24.61 | 24.86 | 24.71 | |
| 10 | 16QAM | 25 | 25 | 24.55 | 24.63 | 24.53 | 24.73 | 24.58 | |
| 10 | 16QAM | 50 | 0 | 24.59 | 24.70 | 24.59 | 24.75 | 24.61 | |
| 10 | 64QAM | 1 | 0 | 24.68 | 24.65 | 24.64 | 24.52 | 24.48 | 25.5 |
| 10 | 64QAM | 1 | 25 | 24.64 | 24.80 | 24.61 | 24.80 | 24.52 | |
| 10 | 64QAM | 1 | 49 | 24.65 | 24.75 | 24.62 | 24.60 | 24.21 | |
| 10 | 64QAM | 25 | 0 | 23.65 | 23.70 | 23.64 | 23.72 | 23.63 | 24.5 |
| 10 | 64QAM | 25 | 12 | 23.67 | 23.75 | 23.67 | 23.91 | 23.59 | |
| 10 | 64QAM | 25 | 25 | 23.63 | 23.73 | 23.62 | 23.79 | 23.48 | |
| 10 | 64QAM | 50 | 0 | 23.59 | 23.66 | 23.61 | 23.77 | 23.48 | |
| 10 | 256QAM | 1 | 0 | 21.68 | 21.71 | 21.77 | 21.67 | 21.44 | 22.5 |
| 10 | 256QAM | 1 | 25 | 21.64 | 21.60 | 21.70 | 21.89 | 21.83 | |
| 10 | 256QAM | 1 | 49 | 21.65 | 21.75 | 21.66 | 21.47 | 21.78 | |
| 10 | 256QAM | 25 | 0 | 21.88 | 21.81 | 21.90 | 21.89 | 21.73 | 22.5 |
| 10 | 256QAM | 25 | 12 | 21.80 | 21.86 | 21.90 | 21.94 | 21.87 | |
| 10 | 256QAM | 25 | 25 | 21.76 | 21.78 | 21.76 | 21.72 | 21.78 | |
| 10 | 256QAM | 50 | 0 | 21.82 | 21.83 | 21.80 | 21.85 | 21.73 | |
| 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 | 26.38 | 26.43 | 26.36 | 26.53 | 26.46 | 27.5 |
| 5 | QPSK | 1 | 12 | 26.38 | 26.46 | 26.40 | 26.52 | 26.46 | |
| 5 | QPSK | 1 | 24 | 26.40 | 26.43 | 26.34 | 26.51 | 26.38 | |
| 5 | QPSK | 12 | 0 | 25.55 | 25.62 | 25.54 | 25.72 | 25.61 | 26.5 |
| 5 | QPSK | 12 | 7 | 25.61 | 25.64 | 25.56 | 25.75 | 25.67 | |
| 5 | QPSK | 12 | 13 | 25.57 | 25.64 | 25.55 | 25.76 | 25.64 | |
| 5 | QPSK | 25 | 0 | 25.52 | 25.61 | 25.54 | 25.69 | 25.59 | |
| 5 | 16QAM | 1 | 0 | 25.76 | 25.78 | 25.72 | 25.84 | 25.78 | 26.5 |
| 5 | 16QAM | 1 | 12 | 25.70 | 25.80 | 25.73 | 25.91 | 25.74 | |
| 5 | 16QAM | 1 | 24 | 25.72 | 25.81 | 25.76 | 25.90 | 25.73 | |
| 5 | 16QAM | 12 | 0 | 24.59 | 24.64 | 24.58 | 24.76 | 24.65 | 25.5 |
| 5 | 16QAM | 12 | 7 | 24.62 | 24.69 | 24.64 | 24.76 | 24.72 | |
| 5 | 16QAM | 12 | 13 | 24.58 | 24.67 | 24.60 | 24.80 | 24.64 | |
| 5 | 16QAM | 25 | 0 | 24.60 | 24.65 | 24.60 | 24.76 | 24.68 | |
| 5 | 64QAM | 1 | 0 | 24.61 | 24.66 | 24.60 | 24.75 | 24.57 | 25.5 |
| 5 | 64QAM | 1 | 12 | 24.60 | 24.69 | 24.61 | 24.84 | 24.52 | |
| 5 | 64QAM | 1 | 24 | 24.63 | 24.71 | 24.65 | 24.82 | 24.44 | |
| 5 | 64QAM | 12 | 0 | 23.60 | 23.65 | 23.57 | 23.78 | 23.59 | 24.5 |
| 5 | 64QAM | 12 | 7 | 23.65 | 23.73 | 23.65 | 23.82 | 23.58 | |
| 5 | 64QAM | 12 | 13 | 23.59 | 23.70 | 23.59 | 23.83 | 23.53 | |
| 5 | 64QAM | 25 | 0 | 23.60 | 23.70 | 23.63 | 23.81 | 23.53 | |
| 5 | 256QAM | 1 | 0 | 21.74 | 21.71 | 21.78 | 21.74 | 21.45 | 22.5 |
| 5 | 256QAM | 1 | 12 | 21.59 | 21.58 | 21.66 | 21.91 | 21.77 | |
| 5 | 256QAM | 1 | 24 | 21.68 | 21.67 | 21.67 | 21.49 | 21.77 | |
| 5 | 256QAM | 12 | 0 | 21.81 | 21.90 | 21.81 | 21.89 | 21.71 | 22.5 |
| 5 | 256QAM | 12 | 7 | 21.88 | 21.79 | 21.85 | 21.91 | 21.83 | |
| 5 | 256QAM | 12 | 13 | 21.71 | 21.78 | 21.75 | 21.75 | 21.82 | |
| 5 | 256QAM | 25 | 0 | 21.74 | 21.77 | 21.79 | 21.83 | 21.79 | |

## Band 48_Ant 7

| 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 | 22.10 | 22.18 | 22.38 | 22.16 | 23.3 |
| 20 | QPSK | 1 | 49 | 22.12 | 22.16 | 22.30 | 22.10 | |
| 20 | QPSK | 1 | 99 | 22.22 | 22.31 | 22.38 | 22.22 | |
| 20 | QPSK | 50 | 0 | 22.23 | 22.27 | 22.45 | 22.21 | 23.3 |
| 20 | QPSK | 50 | 24 | 22.27 | 22.32 | 22.48 | 22.23 | |
| 20 | QPSK | 50 | 50 | 22.26 | 22.31 | 22.39 | 22.17 | |
| 20 | QPSK | 100 | 0 | 22.23 | 22.31 | 22.46 | 22.23 | |
| 20 | 16QAM | 1 | 0 | 22.14 | 22.34 | 22.54 | 22.32 | 23.3 |
| 20 | 16QAM | 1 | 49 | 22.08 | 22.25 | 22.41 | 22.19 | |
| 20 | 16QAM | 1 | 99 | 22.26 | 22.46 | 22.54 | 22.33 | |
| 20 | 16QAM | 50 | 0 | 22.16 | 22.33 | 22.50 | 22.28 | 23.3 |
| 20 | 16QAM | 50 | 24 | 22.18 | 22.36 | 22.53 | 22.28 | |
| 20 | 16QAM | 50 | 50 | 22.17 | 22.36 | 22.44 | 22.22 | |
| 20 | 16QAM | 100 | 0 | 22.17 | 22.35 | 22.50 | 22.26 | |
| 20 | 64QAM | 1 | 0 | 21.66 | 21.86 | 22.10 | 21.88 | 23.3 |
| 20 | 64QAM | 1 | 49 | 21.68 | 21.86 | 21.99 | 21.77 | |
| 20 | 64QAM | 1 | 99 | 21.67 | 22.03 | 22.09 | 21.87 | |
| 20 | 64QAM | 50 | 0 | 21.44 | 21.62 | 21.80 | 21.57 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.48 | 21.66 | 21.81 | 21.56 | |
| 20 | 64QAM | 50 | 50 | 21.48 | 21.66 | 21.73 | 21.52 | |
| 20 | 64QAM | 100 | 0 | 21.46 | 21.64 | 21.80 | 21.56 | |
| 20 | 256QAM | 1 | 0 | 19.20 | 19.33 | 19.59 | 19.40 | 20.7 |
| 20 | 256QAM | 1 | 49 | 19.14 | 19.31 | 19.50 | 19.28 | |
| 20 | 256QAM | 1 | 99 | 19.30 | 19.49 | 19.50 | 19.36 | |
| 20 | 256QAM | 50 | 0 | 19.51 | 19.64 | 19.81 | 19.65 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.53 | 19.66 | 19.82 | 19.64 | |
| 20 | 256QAM | 50 | 50 | 19.51 | 19.66 | 19.77 | 19.58 | |
| 20 | 256QAM | 100 | 0 | 19.50 | 19.61 | 19.78 | 19.61 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 21.93 | 22.16 | 22.29 | 22.09 | 23.3 |
| 15 | QPSK | 1 | 37 | 21.92 | 22.06 | 22.20 | 22.02 | |
| 15 | QPSK | 1 | 74 | 22.01 | 22.24 | 22.35 | 22.19 | |
| 15 | QPSK | 36 | 0 | 22.10 | 22.20 | 22.41 | 22.18 | 23.3 |
| 15 | QPSK | 36 | 20 | 22.05 | 22.28 | 22.39 | 22.15 | |
| 15 | QPSK | 36 | 39 | 22.11 | 22.30 | 22.39 | 22.07 | |
| 15 | QPSK | 75 | 0 | 22.06 | 22.29 | 22.36 | 22.19 | |
| 15 | 16QAM | 1 | 0 | 22.14 | 22.24 | 22.45 | 22.29 | 23.3 |
| 15 | 16QAM | 1 | 37 | 21.98 | 22.25 | 22.41 | 22.14 | |
| 15 | 16QAM | 1 | 74 | 22.19 | 22.46 | 22.51 | 22.30 | |
| 15 | 16QAM | 36 | 0 | 22.13 | 22.25 | 22.41 | 22.28 | 23.3 |
| 15 | 16QAM | 36 | 20 | 22.11 | 22.32 | 22.47 | 22.24 | |
| 15 | 16QAM | 36 | 39 | 22.12 | 22.27 | 22.42 | 22.12 | |
| 15 | 16QAM | 75 | 0 | 22.13 | 22.25 | 22.49 | 22.17 | |
| 15 | 64QAM | 1 | 0 | 21.60 | 21.77 | 22.04 | 21.82 | 23.3 |
| 15 | 64QAM | 1 | 37 | 21.64 | 21.81 | 21.98 | 21.68 | |
| 15 | 64QAM | 1 | 74 | 21.79 | 22.02 | 22.00 | 21.78 | |
| 15 | 64QAM | 36 | 0 | 21.37 | 21.52 | 21.75 | 21.48 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.40 | 21.56 | 21.72 | 21.46 | |
| 15 | 64QAM | 36 | 39 | 21.44 | 21.60 | 21.65 | 21.48 | |
| 15 | 64QAM | 75 | 0 | 21.37 | 21.62 | 21.75 | 21.53 | |
| 15 | 256QAM | 1 | 0 | 19.18 | 19.26 | 19.51 | 19.37 | 20.7 |
| 15 | 256QAM | 1 | 37 | 19.09 | 19.30 | 19.42 | 19.22 | |
| 15 | 256QAM | 1 | 74 | 19.28 | 19.49 | 19.43 | 19.36 | |
| 15 | 256QAM | 36 | 0 | 19.44 | 19.54 | 19.71 | 19.59 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.48 | 19.64 | 19.74 | 19.60 | |
| 15 | 256QAM | 36 | 39 | 19.49 | 19.66 | 19.69 | 19.53 | |
| 15 | 256QAM | 75 | 0 | 19.46 | 19.52 | 19.77 | 19.52 | |
| Channel | | | | 55290 | 55815 | 56160 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 21.98 | 22.16 | 22.36 | 22.14 | 23.3 |
| 10 | QPSK | 1 | 25 | 22.00 | 22.15 | 22.22 | 21.97 | |
| 10 | QPSK | 1 | 49 | 22.03 | 22.22 | 22.37 | 22.18 | |
| 10 | QPSK | 25 | 0 | 22.01 | 22.24 | 22.35 | 22.21 | 23.3 |
| 10 | QPSK | 25 | 12 | 22.08 | 22.22 | 22.39 | 22.21 | |
| 10 | QPSK | 25 | 25 | 22.14 | 22.31 | 22.34 | 22.14 | |
| 10 | QPSK | 50 | 0 | 22.06 | 22.23 | 22.40 | 22.15 | |
| 10 | 16QAM | 1 | 0 | 22.10 | 22.26 | 22.46 | 22.30 | 23.3 |
| 10 | 16QAM | 1 | 25 | 22.03 | 22.25 | 22.40 | 22.19 | |
| 10 | 16QAM | 1 | 49 | 22.16 | 22.36 | 22.46 | 22.32 | |
| 10 | 16QAM | 25 | 0 | 22.09 | 22.28 | 22.46 | 22.25 | 23.3 |
| 10 | 16QAM | 25 | 12 | 22.17 | 22.36 | 22.45 | 22.22 | |
| 10 | 16QAM | 25 | 25 | 22.12 | 22.35 | 22.44 | 22.16 | |
| 10 | 16QAM | 50 | 0 | 22.15 | 22.28 | 22.45 | 22.23 | |
| 10 | 64QAM | 1 | 0 | 21.59 | 21.85 | 22.05 | 21.79 | 23.3 |
| 10 | 64QAM | 1 | 25 | 21.66 | 21.86 | 21.92 | 21.70 | |
| 10 | 64QAM | 1 | 49 | 21.85 | 22.02 | 22.03 | 21.85 | |
| 10 | 64QAM | 25 | 0 | 21.43 | 21.54 | 21.70 | 21.48 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.38 | 21.57 | 21.74 | 21.49 | |
| 10 | 64QAM | 25 | 25 | 21.45 | 21.58 | 21.69 | 21.49 | |
| 10 | 64QAM | 50 | 0 | 21.46 | 21.55 | 21.74 | 21.52 | |
| 10 | 256QAM | 1 | 0 | 19.16 | 19.27 | 19.50 | 19.32 | 20.7 |
| 10 | 256QAM | 1 | 25 | 19.08 | 19.27 | 19.43 | 19.22 | |
| 10 | 256QAM | 1 | 49 | 19.23 | 19.41 | 19.48 | 19.35 | |
| 10 | 256QAM | 25 | 0 | 19.51 | 19.55 | 19.79 | 19.64 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.48 | 19.59 | 19.75 | 19.63 | |
| 10 | 256QAM | 25 | 25 | 19.47 | 19.59 | 19.67 | 19.53 | |
| 10 | 256QAM | 50 | 0 | 19.48 | 19.54 | 19.70 | 19.53 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 21.94 | 22.10 | 22.29 | 22.14 | 23.3 |
| 5 | QPSK | 1 | 12 | 21.98 | 22.13 | 22.21 | 21.96 | |
| 5 | QPSK | 1 | 24 | 22.07 | 22.29 | 22.29 | 22.17 | |
| 5 | QPSK | 12 | 0 | 22.03 | 22.24 | 22.45 | 22.12 | 23.3 |
| 5 | QPSK | 12 | 7 | 22.12 | 22.21 | 22.46 | 22.13 | |
| 5 | QPSK | 12 | 13 | 22.14 | 22.34 | 22.31 | 22.11 | |
| 5 | QPSK | 25 | 0 | 22.03 | 22.27 | 22.36 | 22.18 | |
| 5 | 16QAM | 1 | 0 | 22.09 | 22.32 | 22.50 | 22.23 | 23.3 |
| 5 | 16QAM | 1 | 12 | 22.06 | 22.15 | 22.35 | 22.16 | |
| 5 | 16QAM | 1 | 24 | 22.25 | 22.44 | 22.48 | 22.24 | |
| 5 | 16QAM | 12 | 0 | 22.13 | 22.25 | 22.43 | 22.22 | 23.3 |
| 5 | 16QAM | 12 | 7 | 22.14 | 22.27 | 22.43 | 22.21 | |
| 5 | 16QAM | 12 | 13 | 22.13 | 22.32 | 22.35 | 22.20 | |
| 5 | 16QAM | 25 | 0 | 22.07 | 22.32 | 22.48 | 22.16 | |
| 5 | 64QAM | 1 | 0 | 21.62 | 21.85 | 22.10 | 21.85 | 23.3 |
| 5 | 64QAM | 1 | 12 | 21.68 | 21.78 | 21.95 | 21.68 | |
| 5 | 64QAM | 1 | 24 | 21.87 | 21.96 | 22.01 | 21.87 | |
| 5 | 64QAM | 12 | 0 | 21.39 | 21.62 | 21.70 | 21.52 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.40 | 21.62 | 21.80 | 21.53 | |
| 5 | 64QAM | 12 | 13 | 21.44 | 21.60 | 21.67 | 21.42 | |
| 5 | 64QAM | 25 | 0 | 21.38 | 21.58 | 21.80 | 21.52 | |
| 5 | 256QAM | 1 | 0 | 19.16 | 19.27 | 19.50 | 19.35 | 20.7 |
| 5 | 256QAM | 1 | 12 | 19.08 | 19.25 | 19.48 | 19.18 | |
| 5 | 256QAM | 1 | 24 | 19.28 | 19.48 | 19.47 | 19.27 | |
| 5 | 256QAM | 12 | 0 | 19.48 | 19.62 | 19.71 | 19.62 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.53 | 19.62 | 19.76 | 19.57 | |
| 5 | 256QAM | 12 | 13 | 19.42 | 19.61 | 19.67 | 19.48 | |
| 5 | 256QAM | 25 | 0 | 19.47 | 19.55 | 19.74 | 19.53 | |

## Band 38_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 37850 | 38000 | 38150 | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | |
| 20 | QPSK | 1 | 0 | 23.42 | 23.33 | 23.25 | 25.2 |
| 20 | QPSK | 1 | 49 | 23.42 | 23.35 | 23.27 | |
| 20 | QPSK | 1 | 99 | 23.40 | 23.28 | 23.29 | |
| 20 | QPSK | 50 | 0 | 22.59 | 22.42 | 22.40 | 24.2 |
| 20 | QPSK | 50 | 24 | 22.55 | 22.42 | 22.42 | |
| 20 | QPSK | 50 | 50 | 22.55 | 22.42 | 22.40 | |
| 20 | QPSK | 100 | 0 | 22.56 | 22.41 | 22.42 | |
| 20 | 16QAM | 1 | 0 | 22.57 | 22.48 | 22.40 | 24.2 |
| 20 | 16QAM | 1 | 49 | 22.52 | 22.48 | 22.37 | |
| 20 | 16QAM | 1 | 99 | 22.57 | 22.47 | 22.44 | |
| 20 | 16QAM | 50 | 0 | 21.62 | 21.45 | 21.44 | 23.2 |
| 20 | 16QAM | 50 | 24 | 21.59 | 21.44 | 21.44 | |
| 20 | 16QAM | 50 | 50 | 21.59 | 21.44 | 21.45 | |
| 20 | 16QAM | 100 | 0 | 21.59 | 21.44 | 21.44 | |
| 20 | 64QAM | 1 | 0 | 21.28 | 21.22 | 21.22 | 23.2 |
| 20 | 64QAM | 1 | 49 | 21.33 | 21.26 | 21.15 | |
| 20 | 64QAM | 1 | 99 | 21.37 | 21.23 | 21.19 | |
| 20 | 64QAM | 50 | 0 | 20.62 | 20.46 | 20.44 | 22.2 |
| 20 | 64QAM | 50 | 24 | 20.63 | 20.47 | 20.45 | |
| 20 | 64QAM | 50 | 50 | 20.59 | 20.45 | 20.44 | |
| 20 | 64QAM | 100 | 0 | 20.60 | 20.42 | 20.44 | |
| 20 | 256QAM | 1 | 0 | 18.46 | 18.38 | 18.36 | 20.2 |
| 20 | 256QAM | 1 | 49 | 18.35 | 18.26 | 18.27 | |
| 20 | 256QAM | 1 | 99 | 18.34 | 18.15 | 18.14 | |
| 20 | 256QAM | 50 | 0 | 18.71 | 18.52 | 18.50 | 20.2 |
| 20 | 256QAM | 50 | 24 | 18.68 | 18.51 | 18.45 | |
| 20 | 256QAM | 50 | 50 | 18.63 | 18.39 | 18.33 | |
| 20 | 256QAM | 100 | 0 | 18.62 | 18.47 | 18.46 | |
| Channel | | | | 37925 | 38000 | 38175 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 26125 | |
| 15 | QPSK | 1 | 0 | 23.38 | 23.28 | 23.21 | 25.2 |
| 15 | QPSK | 1 | 37 | 23.40 | 23.26 | 23.22 | |
| 15 | QPSK | 1 | 74 | 23.34 | 23.23 | 23.27 | |
| 15 | QPSK | 36 | 0 | 22.56 | 22.34 | 22.34 | 24.2 |
| 15 | QPSK | 36 | 20 | 22.55 | 22.39 | 22.39 | |
| 15 | QPSK | 36 | 39 | 22.46 | 22.42 | 22.30 | |
| 15 | QPSK | 75 | 0 | 22.49 | 22.31 | 22.40 | |
| 15 | 16QAM | 1 | 0 | 22.47 | 22.45 | 22.34 | 24.2 |
| 15 | 16QAM | 1 | 37 | 22.42 | 22.39 | 22.28 | |
| 15 | 16QAM | 1 | 74 | 22.54 | 22.39 | 22.37 | |
| 15 | 16QAM | 36 | 0 | 21.59 | 21.41 | 21.44 | 23.2 |
| 15 | 16QAM | 36 | 20 | 21.49 | 21.37 | 21.41 | |
| 15 | 16QAM | 36 | 39 | 21.58 | 21.37 | 21.39 | |
| 15 | 16QAM | 75 | 0 | 21.51 | 21.44 | 21.38 | |
| 15 | 64QAM | 1 | 0 | 21.26 | 21.23 | 21.21 | 23.2 |
| 15 | 64QAM | 1 | 37 | 21.31 | 21.23 | 21.22 | |
| 15 | 64QAM | 1 | 74 | 21.32 | 21.23 | 21.23 | |
| 15 | 64QAM | 36 | 0 | 20.57 | 20.44 | 20.40 | 22.2 |
| 15 | 64QAM | 36 | 20 | 20.61 | 20.43 | 20.37 | |
| 15 | 64QAM | 36 | 39 | 20.50 | 20.45 | 20.37 | |
| 15 | 64QAM | 75 | 0 | 20.54 | 20.37 | 20.39 | |
| 15 | 256QAM | 1 | 0 | 18.39 | 18.31 | 18.30 | 20.2 |
| 15 | 256QAM | 1 | 37 | 18.31 | 18.26 | 18.25 | |
| 15 | 256QAM | 1 | 74 | 18.32 | 18.23 | 18.23 | |
| 15 | 256QAM | 36 | 0 | 18.61 | 18.45 | 18.46 | 20.2 |
| 15 | 256QAM | 36 | 20 | 18.63 | 18.47 | 18.35 | |
| 15 | 256QAM | 36 | 39 | 18.53 | 18.38 | 18.31 | |
| 15 | 256QAM | 75 | 0 | 18.61 | 18.47 | 18.38 | |
| Channel | | | | 37900 | 38000 | 38100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | |
| 10 | QPSK | 1 | 0 | 23.38 | 23.27 | 23.21 | 25.2 |
| 10 | QPSK | 1 | 25 | 23.34 | 23.34 | 23.27 | |
| 10 | QPSK | 1 | 49 | 23.31 | 23.28 | 23.24 | |
| 10 | QPSK | 25 | 0 | 22.55 | 22.41 | 22.36 | 24.2 |
| 10 | QPSK | 25 | 12 | 22.53 | 22.36 | 22.33 | |
| 10 | QPSK | 25 | 25 | 22.53 | 22.38 | 22.35 | |
| 10 | QPSK | 50 | 0 | 22.51 | 22.38 | 22.36 | |
| 10 | 16QAM | 1 | 0 | 22.47 | 22.38 | 22.31 | 24.2 |
| 10 | 16QAM | 1 | 25 | 22.44 | 22.39 | 22.37 | |
| 10 | 16QAM | 1 | 49 | 22.54 | 22.46 | 22.34 | |
| 10 | 16QAM | 25 | 0 | 21.59 | 21.43 | 21.42 | 23.2 |
| 10 | 16QAM | 25 | 12 | 21.55 | 21.35 | 21.34 | |
| 10 | 16QAM | 25 | 25 | 21.53 | 21.44 | 21.44 | |
| 10 | 16QAM | 50 | 0 | 21.52 | 21.40 | 21.42 | |
| 10 | 64QAM | 1 | 0 | 21.27 | 21.22 | 21.22 | 23.2 |
| 10 | 64QAM | 1 | 25 | 21.27 | 21.22 | 21.22 | |
| 10 | 64QAM | 1 | 49 | 21.33 | 21.21 | 21.23 | |
| 10 | 64QAM | 25 | 0 | 20.62 | 20.41 | 20.35 | 22.2 |
| 10 | 64QAM | 25 | 12 | 20.58 | 20.44 | 20.35 | |
| 10 | 64QAM | 25 | 25 | 20.55 | 20.42 | 20.38 | |
| 10 | 64QAM | 50 | 0 | 20.55 | 20.36 | 20.37 | |
| 10 | 256QAM | 1 | 0 | 18.39 | 18.31 | 18.32 | 20.2 |
| 10 | 256QAM | 1 | 25 | 18.28 | 18.24 | 18.21 | |
| 10 | 256QAM | 1 | 49 | 18.31 | 18.24 | 18.22 | |
| 10 | 256QAM | 25 | 0 | 18.64 | 18.42 | 18.46 | 20.2 |
| 10 | 256QAM | 25 | 12 | 18.64 | 18.43 | 18.35 | |
| 10 | 256QAM | 25 | 25 | 18.56 | 18.30 | 18.24 | |
| 10 | 256QAM | 50 | 0 | 18.58 | 18.41 | 18.45 | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | |
| 5 | QPSK | 1 | 0 | 23.39 | 23.24 | 23.25 | 25.2 |
| 5 | QPSK | 1 | 12 | 23.41 | 23.28 | 23.20 | |
| 5 | QPSK | 1 | 24 | 23.32 | 23.21 | 23.21 | |
| 5 | QPSK | 12 | 0 | 22.56 | 22.34 | 22.31 | 24.2 |
| 5 | QPSK | 12 | 7 | 22.48 | 22.36 | 22.35 | |
| 5 | QPSK | 12 | 13 | 22.55 | 22.32 | 22.36 | |
| 5 | QPSK | 25 | 0 | 22.53 | 22.41 | 22.37 | |
| 5 | 16QAM | 1 | 0 | 22.47 | 22.42 | 22.38 | 24.2 |
| 5 | 16QAM | 1 | 12 | 22.44 | 22.44 | 22.28 | |
| 5 | 16QAM | 1 | 24 | 22.54 | 22.42 | 22.39 | |
| 5 | 16QAM | 12 | 0 | 21.54 | 21.43 | 21.37 | 23.2 |
| 5 | 16QAM | 12 | 7 | 21.59 | 21.36 | 21.44 | |
| 5 | 16QAM | 12 | 13 | 21.59 | 21.43 | 21.36 | |
| 5 | 16QAM | 25 | 0 | 21.59 | 21.40 | 21.34 | |
| 5 | 64QAM | 1 | 0 | 21.20 | 21.25 | 21.22 | 23.2 |
| 5 | 64QAM | 1 | 12 | 21.31 | 21.23 | 21.23 | |
| 5 | 64QAM | 1 | 24 | 21.30 | 21.23 | 21.21 | |
| 5 | 64QAM | 12 | 0 | 20.54 | 20.39 | 20.38 | 22.2 |
| 5 | 64QAM | 12 | 7 | 20.56 | 20.37 | 20.35 | |
| 5 | 64QAM | 12 | 13 | 20.53 | 20.45 | 20.38 | |
| 5 | 64QAM | 25 | 0 | 20.60 | 20.35 | 20.42 | |
| 5 | 256QAM | 1 | 0 | 18.45 | 18.37 | 18.34 | 20.2 |
| 5 | 256QAM | 1 | 12 | 18.28 | 18.24 | 18.27 | |
| 5 | 256QAM | 1 | 24 | 18.28 | 18.20 | 18.22 | |
| 5 | 256QAM | 12 | 0 | 18.63 | 18.51 | 18.40 | 20.2 |
| 5 | 256QAM | 12 | 7 | 18.63 | 18.42 | 18.42 | |
| 5 | 256QAM | 12 | 13 | 18.56 | 18.39 | 18.27 | |
| 5 | 256QAM | 25 | 0 | 18.52 | 18.39 | 18.45 | |

## Band 41_Ant 0

| 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 23.93 | 23.99 | 23.83 | 23.74 | 23.72 | 25.5 |
| 20 | QPSK | 1 | 49 | 23.99 | 24.01 | 23.84 | 24.09 | 24.02 | |
| 20 | QPSK | 1 | 99 | 23.98 | 23.99 | 23.83 | 23.76 | 23.94 | |
| 20 | QPSK | 50 | 0 | 23.16 | 23.19 | 22.95 | 22.97 | 22.98 | 24.5 |
| 20 | QPSK | 50 | 24 | 23.18 | 23.19 | 22.94 | 23.12 | 23.13 | |
| 20 | QPSK | 50 | 50 | 23.14 | 23.18 | 22.93 | 23.03 | 23.11 | |
| 20 | QPSK | 100 | 0 | 23.15 | 23.19 | 22.95 | 23.03 | 23.05 | |
| 20 | 16QAM | 1 | 0 | 23.11 | 23.13 | 22.97 | 22.85 | 22.72 | 24.5 |
| 20 | 16QAM | 1 | 49 | 23.10 | 23.11 | 22.89 | 23.15 | 23.13 | |
| 20 | 16QAM | 1 | 99 | 23.11 | 23.12 | 22.96 | 22.68 | 23.03 | |
| 20 | 16QAM | 50 | 0 | 22.19 | 22.21 | 21.97 | 22.01 | 22.01 | 23.5 |
| 20 | 16QAM | 50 | 24 | 22.20 | 22.21 | 21.99 | 22.17 | 22.16 | |
| 20 | 16QAM | 50 | 50 | 22.18 | 22.19 | 21.97 | 22.05 | 22.15 | |
| 20 | 16QAM | 100 | 0 | 22.15 | 22.21 | 21.94 | 22.04 | 22.06 | |
| 20 | 64QAM | 1 | 0 | 21.80 | 21.84 | 21.59 | 21.52 | 21.42 | 23.5 |
| 20 | 64QAM | 1 | 49 | 21.85 | 21.84 | 21.68 | 21.92 | 21.96 | |
| 20 | 64QAM | 1 | 99 | 21.87 | 21.91 | 21.72 | 21.37 | 21.78 | |
| 20 | 64QAM | 50 | 0 | 21.19 | 21.21 | 20.98 | 21.02 | 21.00 | 22.5 |
| 20 | 64QAM | 50 | 24 | 21.19 | 21.24 | 21.00 | 21.17 | 21.17 | |
| 20 | 64QAM | 50 | 50 | 21.19 | 21.21 | 20.97 | 21.05 | 21.14 | |
| 20 | 64QAM | 100 | 0 | 21.18 | 21.23 | 20.98 | 21.07 | 21.07 | |
| 20 | 256QAM | 1 | 0 | 19.03 | 18.94 | 18.92 | 18.70 | 18.59 | 20.5 |
| 20 | 256QAM | 1 | 49 | 18.93 | 18.86 | 18.74 | 18.92 | 18.95 | |
| 20 | 256QAM | 1 | 99 | 18.99 | 18.94 | 18.74 | 18.49 | 18.83 | |
| 20 | 256QAM | 50 | 0 | 19.31 | 19.20 | 19.11 | 19.15 | 19.11 | 20.5 |
| 20 | 256QAM | 50 | 24 | 19.25 | 19.21 | 19.09 | 19.29 | 19.25 | |
| 20 | 256QAM | 50 | 50 | 19.22 | 19.18 | 19.02 | 19.08 | 19.16 | |
| 20 | 256QAM | 100 | 0 | 19.20 | 19.15 | 19.02 | 19.09 | 19.12 | |
| 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 | 23.91 | 23.98 | 23.77 | 23.85 | 23.76 | 25.5 |
| 15 | QPSK | 1 | 37 | 23.88 | 23.95 | 23.78 | 24.02 | 23.94 | |
| 15 | QPSK | 1 | 74 | 23.94 | 24.07 | 23.82 | 23.83 | 23.97 | |
| 15 | QPSK | 36 | 0 | 23.04 | 23.15 | 22.93 | 23.00 | 23.00 | 24.5 |
| 15 | QPSK | 36 | 20 | 23.12 | 23.15 | 22.90 | 23.06 | 23.12 | |
| 15 | QPSK | 36 | 39 | 23.11 | 23.16 | 22.90 | 23.07 | 23.10 | |
| 15 | QPSK | 75 | 0 | 23.10 | 23.15 | 22.91 | 23.00 | 23.06 | |
| 15 | 16QAM | 1 | 0 | 23.09 | 23.15 | 22.93 | 23.06 | 22.86 | 24.5 |
| 15 | 16QAM | 1 | 37 | 23.03 | 23.03 | 22.83 | 23.14 | 23.10 | |
| 15 | 16QAM | 1 | 74 | 23.14 | 23.25 | 23.01 | 22.92 | 23.11 | |
| 15 | 16QAM | 36 | 0 | 22.01 | 22.13 | 21.90 | 21.98 | 21.99 | 23.5 |
| 15 | 16QAM | 36 | 20 | 22.10 | 22.14 | 21.89 | 22.03 | 22.07 | |
| 15 | 16QAM | 36 | 39 | 22.09 | 22.11 | 21.87 | 22.04 | 22.07 | |
| 15 | 16QAM | 75 | 0 | 22.13 | 22.17 | 21.95 | 22.04 | 22.07 | |
| 15 | 64QAM | 1 | 0 | 21.72 | 21.84 | 21.65 | 21.74 | 21.57 | 23.5 |
| 15 | 64QAM | 1 | 37 | 21.85 | 21.84 | 21.64 | 21.93 | 21.89 | |
| 15 | 64QAM | 1 | 74 | 21.89 | 21.95 | 21.78 | 21.58 | 21.89 | |
| 15 | 64QAM | 36 | 0 | 21.06 | 21.20 | 20.95 | 21.03 | 21.03 | 22.5 |
| 15 | 64QAM | 36 | 20 | 21.15 | 21.16 | 20.95 | 21.09 | 21.14 | |
| 15 | 64QAM | 36 | 39 | 21.16 | 21.19 | 20.95 | 21.09 | 21.14 | |
| 15 | 64QAM | 75 | 0 | 21.16 | 21.19 | 20.95 | 21.02 | 21.08 | |
| 15 | 256QAM | 1 | 0 | 19.01 | 18.88 | 18.90 | 18.60 | 18.57 | 20.5 |
| 15 | 256QAM | 1 | 37 | 18.84 | 18.84 | 18.70 | 18.84 | 18.91 | |
| 15 | 256QAM | 1 | 74 | 18.94 | 18.93 | 18.69 | 18.45 | 18.74 | |
| 15 | 256QAM | 36 | 0 | 19.26 | 19.13 | 19.05 | 19.07 | 19.01 | 20.5 |
| 15 | 256QAM | 36 | 20 | 19.23 | 19.13 | 19.07 | 19.29 | 19.21 | |
| 15 | 256QAM | 36 | 39 | 19.20 | 19.11 | 18.94 | 19.03 | 19.07 | |
| 15 | 256QAM | 75 | 0 | 19.17 | 19.06 | 18.97 | 18.99 | 19.12 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 23.91 | 23.94 | 23.70 | 23.83 | 23.72 | 25.5 |
| 10 | QPSK | 1 | 25 | 23.81 | 23.85 | 23.70 | 24.02 | 23.87 | |
| 10 | QPSK | 1 | 49 | 23.94 | 23.98 | 23.81 | 23.77 | 23.95 | |
| 10 | QPSK | 25 | 0 | 23.03 | 23.10 | 22.90 | 22.95 | 22.91 | 24.5 |
| 10 | QPSK | 25 | 12 | 23.03 | 23.13 | 22.80 | 23.06 | 23.09 | |
| 10 | QPSK | 25 | 25 | 23.06 | 23.07 | 22.82 | 23.00 | 23.00 | |
| 10 | QPSK | 50 | 0 | 23.05 | 23.12 | 22.84 | 22.93 | 22.99 | |
| 10 | 16QAM | 1 | 0 | 23.00 | 23.05 | 22.90 | 23.03 | 22.82 | 24.5 |
| 10 | 16QAM | 1 | 25 | 22.97 | 22.93 | 22.80 | 23.05 | 23.02 | |
| 10 | 16QAM | 1 | 49 | 23.10 | 23.20 | 23.00 | 22.91 | 23.09 | |
| 10 | 16QAM | 25 | 0 | 21.94 | 22.07 | 21.86 | 21.93 | 21.96 | 23.5 |
| 10 | 16QAM | 25 | 12 | 22.00 | 22.14 | 21.85 | 22.02 | 22.00 | |
| 10 | 16QAM | 25 | 25 | 22.07 | 22.02 | 21.80 | 21.96 | 22.05 | |
| 10 | 16QAM | 50 | 0 | 22.08 | 22.08 | 21.93 | 21.99 | 22.05 | |
| 10 | 64QAM | 1 | 0 | 21.70 | 21.79 | 21.65 | 21.66 | 21.51 | 23.5 |
| 10 | 64QAM | 1 | 25 | 21.77 | 21.80 | 21.60 | 21.86 | 21.79 | |
| 10 | 64QAM | 1 | 49 | 21.80 | 21.86 | 21.73 | 21.56 | 21.85 | |
| 10 | 64QAM | 25 | 0 | 21.00 | 21.20 | 20.87 | 20.96 | 20.97 | 22.5 |
| 10 | 64QAM | 25 | 12 | 21.07 | 21.11 | 20.91 | 20.99 | 21.07 | |
| 10 | 64QAM | 25 | 25 | 21.09 | 21.12 | 20.92 | 21.07 | 21.07 | |
| 10 | 64QAM | 50 | 0 | 21.14 | 21.17 | 20.88 | 20.99 | 21.04 | |
| 10 | 256QAM | 1 | 0 | 18.98 | 18.87 | 18.90 | 18.70 | 18.58 | 20.5 |
| 10 | 256QAM | 1 | 25 | 18.89 | 18.83 | 18.69 | 18.90 | 18.87 | |
| 10 | 256QAM | 1 | 49 | 18.96 | 18.91 | 18.73 | 18.40 | 18.80 | |
| 10 | 256QAM | 25 | 0 | 19.25 | 19.13 | 19.07 | 19.05 | 19.06 | 20.5 |
| 10 | 256QAM | 25 | 12 | 19.21 | 19.12 | 19.07 | 19.27 | 19.24 | |
| 10 | 256QAM | 25 | 25 | 19.17 | 19.15 | 18.95 | 19.08 | 19.09 | |
| 10 | 256QAM | 50 | 0 | 19.18 | 19.05 | 19.01 | 19.01 | 19.03 | |
| 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 | 23.84 | 23.94 | 23.73 | 23.81 | 23.72 | 25.5 |
| 5 | QPSK | 1 | 12 | 23.80 | 23.91 | 23.75 | 23.92 | 23.85 | |
| 5 | QPSK | 1 | 24 | 23.87 | 23.99 | 23.80 | 23.79 | 23.92 | |
| 5 | QPSK | 12 | 0 | 23.01 | 23.09 | 22.89 | 22.94 | 22.93 | 24.5 |
| 5 | QPSK | 12 | 7 | 23.12 | 23.15 | 22.81 | 22.96 | 23.02 | |
| 5 | QPSK | 12 | 13 | 23.09 | 23.09 | 22.90 | 23.04 | 23.08 | |
| 5 | QPSK | 25 | 0 | 23.02 | 23.07 | 22.86 | 22.91 | 23.00 | |
| 5 | 16QAM | 1 | 0 | 23.00 | 23.05 | 22.92 | 23.02 | 22.84 | 24.5 |
| 5 | 16QAM | 1 | 12 | 22.94 | 22.95 | 22.73 | 23.04 | 23.03 | |
| 5 | 16QAM | 1 | 24 | 23.10 | 23.24 | 22.93 | 22.85 | 23.09 | |
| 5 | 16QAM | 12 | 0 | 21.94 | 22.07 | 21.81 | 21.98 | 21.90 | 23.5 |
| 5 | 16QAM | 12 | 7 | 22.06 | 22.11 | 21.80 | 21.96 | 21.97 | |
| 5 | 16QAM | 12 | 13 | 22.02 | 22.04 | 21.82 | 21.98 | 21.99 | |
| 5 | 16QAM | 25 | 0 | 22.12 | 22.11 | 21.94 | 22.00 | 21.98 | |
| 5 | 64QAM | 1 | 0 | 21.68 | 21.84 | 21.58 | 21.74 | 21.47 | 23.5 |
| 5 | 64QAM | 1 | 12 | 21.76 | 21.83 | 21.59 | 21.89 | 21.85 | |
| 5 | 64QAM | 1 | 24 | 21.82 | 21.88 | 21.73 | 21.49 | 21.82 | |
| 5 | 64QAM | 12 | 0 | 20.98 | 21.12 | 20.90 | 21.01 | 20.93 | 22.5 |
| 5 | 64QAM | 12 | 7 | 21.06 | 21.06 | 20.85 | 21.06 | 21.07 | |
| 5 | 64QAM | 12 | 13 | 21.14 | 21.16 | 20.89 | 20.99 | 21.06 | |
| 5 | 64QAM | 25 | 0 | 21.10 | 21.15 | 20.88 | 20.92 | 21.01 | |
| 5 | 256QAM | 1 | 0 | 19.01 | 18.89 | 18.86 | 18.70 | 18.56 | 20.5 |
| 5 | 256QAM | 1 | 12 | 18.85 | 18.76 | 18.72 | 18.82 | 18.94 | |
| 5 | 256QAM | 1 | 24 | 18.94 | 18.88 | 18.72 | 18.49 | 18.80 | |
| 5 | 256QAM | 12 | 0 | 19.21 | 19.10 | 19.03 | 19.07 | 19.05 | 20.5 |
| 5 | 256QAM | 12 | 7 | 19.21 | 19.21 | 19.04 | 19.21 | 19.20 | |
| 5 | 256QAM | 12 | 13 | 19.20 | 19.09 | 18.96 | 19.08 | 19.09 | |
| 5 | 256QAM | 25 | 0 | 19.16 | 19.14 | 18.94 | 19.03 | 19.04 | |

## Band 41 HPUE_Ant 0

| 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 | 2549.0 | 2593 | 2636.5 | 2680 | |
| 20 | QPSK | 1 | 0 | 25.61 | 25.65 | 25.51 | 25.56 | 25.45 | 27 |
| 20 | QPSK | 1 | 49 | 25.61 | 25.65 | 25.38 | 25.87 | 25.84 | |
| 20 | QPSK | 1 | 99 | 25.70 | 25.66 | 25.51 | 25.45 | 25.74 | |
| 20 | QPSK | 50 | 0 | 24.96 | 24.98 | 24.73 | 24.89 | 24.89 | 26 |
| 20 | QPSK | 50 | 24 | 24.99 | 24.99 | 24.73 | 25.03 | 25.03 | |
| 20 | QPSK | 50 | 50 | 24.95 | 24.97 | 24.72 | 24.91 | 25.02 | |
| 20 | QPSK | 100 | 0 | 24.98 | 24.99 | 24.73 | 24.93 | 24.96 | |
| 20 | 16QAM | 1 | 0 | 24.99 | 24.99 | 24.88 | 24.92 | 24.76 | 26 |
| 20 | 16QAM | 1 | 49 | 24.99 | 25.01 | 24.82 | 25.18 | 25.20 | |
| 20 | 16QAM | 1 | 99 | 25.02 | 25.04 | 24.84 | 24.77 | 25.07 | |
| 20 | 16QAM | 50 | 0 | 23.99 | 24.01 | 23.78 | 23.91 | 23.91 | 25 |
| 20 | 16QAM | 50 | 24 | 24.00 | 24.04 | 23.77 | 24.06 | 24.07 | |
| 20 | 16QAM | 50 | 50 | 24.00 | 24.00 | 23.77 | 23.96 | 24.04 | |
| 20 | 16QAM | 100 | 0 | 23.98 | 24.01 | 23.75 | 23.96 | 23.99 | |
| 20 | 64QAM | 1 | 0 | 23.81 | 23.84 | 23.65 | 23.73 | 23.62 | 25 |
| 20 | 64QAM | 1 | 49 | 23.87 | 23.85 | 23.65 | 24.06 | 24.09 | |
| 20 | 64QAM | 1 | 99 | 23.86 | 23.88 | 23.73 | 23.60 | 23.95 | |
| 20 | 64QAM | 50 | 0 | 23.01 | 23.03 | 22.79 | 22.90 | 22.93 | 24 |
| 20 | 64QAM | 50 | 24 | 22.99 | 23.05 | 22.78 | 23.06 | 23.08 | |
| 20 | 64QAM | 50 | 50 | 23.01 | 23.01 | 22.80 | 22.97 | 23.04 | |
| 20 | 64QAM | 100 | 0 | 23.00 | 23.03 | 22.78 | 22.99 | 22.97 | |
| 20 | 256QAM | 1 | 0 | 20.86 | 20.85 | 20.80 | 20.68 | 20.86 | 22 |
| 20 | 256QAM | 1 | 49 | 20.86 | 20.74 | 20.63 | 20.93 | 21.11 | |
| 20 | 256QAM | 1 | 99 | 20.87 | 20.81 | 20.61 | 20.56 | 20.95 | |
| 20 | 256QAM | 50 | 0 | 21.11 | 21.04 | 20.94 | 20.95 | 21.00 | 22 |
| 20 | 256QAM | 50 | 24 | 21.06 | 21.00 | 20.88 | 21.12 | 21.10 | |
| 20 | 256QAM | 50 | 50 | 21.03 | 21.00 | 20.81 | 20.95 | 21.06 | |
| 20 | 256QAM | 100 | 0 | 21.02 | 20.97 | 20.85 | 20.99 | 20.97 | |
| 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 | 25.51 | 25.57 | 25.46 | 25.53 | 25.35 | 27 |
| 15 | QPSK | 1 | 37 | 25.52 | 25.64 | 25.31 | 25.82 | 25.75 | |
| 15 | QPSK | 1 | 74 | 25.68 | 25.63 | 25.44 | 25.41 | 25.68 | |
| 15 | QPSK | 36 | 0 | 24.90 | 24.96 | 24.63 | 24.89 | 24.80 | 26 |
| 15 | QPSK | 36 | 20 | 24.99 | 24.96 | 24.71 | 24.93 | 25.02 | |
| 15 | QPSK | 36 | 39 | 24.95 | 24.88 | 24.66 | 24.87 | 24.92 | |
| 15 | QPSK | 75 | 0 | 24.92 | 24.90 | 24.64 | 24.88 | 24.88 | |
| 15 | 16QAM | 1 | 0 | 24.99 | 24.91 | 24.82 | 24.89 | 24.74 | 26 |
| 15 | 16QAM | 1 | 37 | 24.94 | 24.95 | 24.75 | 25.17 | 25.14 | |
| 15 | 16QAM | 1 | 74 | 24.99 | 25.04 | 24.78 | 24.77 | 24.99 | |
| 15 | 16QAM | 36 | 0 | 23.95 | 23.93 | 23.76 | 23.88 | 23.84 | 25 |
| 15 | 16QAM | 36 | 20 | 23.96 | 23.94 | 23.70 | 24.05 | 24.07 | |
| 15 | 16QAM | 36 | 39 | 23.95 | 23.95 | 23.69 | 23.92 | 24.04 | |
| 15 | 16QAM | 75 | 0 | 23.95 | 24.00 | 23.65 | 23.92 | 23.96 | |
| 15 | 64QAM | 1 | 0 | 23.81 | 23.78 | 23.65 | 23.66 | 23.58 | 25 |
| 15 | 64QAM | 1 | 37 | 23.79 | 23.82 | 23.64 | 24.04 | 24.07 | |
| 15 | 64QAM | 1 | 74 | 23.78 | 23.85 | 23.69 | 23.53 | 23.90 | |
| 15 | 64QAM | 36 | 0 | 22.91 | 22.96 | 22.72 | 22.86 | 22.89 | 24 |
| 15 | 64QAM | 36 | 20 | 22.93 | 23.04 | 22.76 | 22.96 | 22.98 | |
| 15 | 64QAM | 36 | 39 | 22.94 | 23.00 | 22.71 | 22.87 | 22.99 | |
| 15 | 64QAM | 75 | 0 | 22.90 | 22.93 | 22.78 | 22.92 | 22.87 | |
| 15 | 256QAM | 1 | 0 | 20.86 | 20.79 | 20.71 | 20.65 | 20.85 | 22 |
| 15 | 256QAM | 1 | 37 | 20.85 | 20.65 | 20.58 | 20.90 | 21.09 | |
| 15 | 256QAM | 1 | 74 | 20.77 | 20.75 | 20.55 | 20.50 | 20.86 | |
| 15 | 256QAM | 36 | 0 | 21.02 | 20.94 | 20.85 | 20.94 | 20.91 | 22 |
| 15 | 256QAM | 36 | 20 | 20.96 | 20.90 | 20.85 | 21.12 | 21.09 | |
| 15 | 256QAM | 36 | 39 | 21.02 | 20.91 | 20.81 | 20.95 | 21.01 | |
| 15 | 256QAM | 75 | 0 | 21.02 | 20.95 | 20.83 | 20.89 | 20.89 | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10 | QPSK | 1 | 0 | 25.54 | 25.58 | 25.43 | 25.55 | 25.44 | 27 |
| 10 | QPSK | 1 | 25 | 25.53 | 25.58 | 25.34 | 25.80 | 25.77 | |
| 10 | QPSK | 1 | 49 | 25.63 | 25.56 | 25.48 | 25.45 | 25.73 | |
| 10 | QPSK | 25 | 0 | 24.92 | 24.98 | 24.63 | 24.86 | 24.81 | 26 |
| 10 | QPSK | 25 | 12 | 24.90 | 24.98 | 24.64 | 25.02 | 24.97 | |
| 10 | QPSK | 25 | 25 | 24.94 | 24.96 | 24.64 | 24.89 | 25.01 | |
| 10 | QPSK | 50 | 0 | 24.91 | 24.93 | 24.69 | 24.91 | 24.90 | |
| 10 | 16QAM | 1 | 0 | 24.94 | 24.97 | 24.87 | 24.91 | 24.72 | 26 |
| 10 | 16QAM | 1 | 25 | 24.94 | 24.98 | 24.81 | 25.12 | 25.17 | |
| 10 | 16QAM | 1 | 49 | 24.98 | 25.00 | 24.77 | 24.75 | 25.05 | |
| 10 | 16QAM | 25 | 0 | 23.93 | 23.97 | 23.68 | 23.82 | 23.89 | 25 |
| 10 | 16QAM | 25 | 12 | 23.98 | 23.97 | 23.76 | 24.06 | 24.07 | |
| 10 | 16QAM | 25 | 25 | 23.93 | 23.92 | 23.77 | 23.89 | 24.03 | |
| 10 | 16QAM | 50 | 0 | 23.94 | 23.97 | 23.75 | 23.92 | 23.96 | |
| 10 | 64QAM | 1 | 0 | 23.79 | 23.77 | 23.59 | 23.69 | 23.59 | 25 |
| 10 | 64QAM | 1 | 25 | 23.81 | 23.84 | 23.60 | 24.01 | 24.01 | |
| 10 | 64QAM | 1 | 49 | 23.82 | 23.82 | 23.65 | 23.52 | 23.88 | |
| 10 | 64QAM | 25 | 0 | 22.94 | 22.96 | 22.75 | 22.87 | 22.88 | 24 |
| 10 | 64QAM | 25 | 12 | 22.99 | 23.00 | 22.78 | 23.06 | 22.96 | |
| 10 | 64QAM | 25 | 25 | 22.97 | 22.96 | 22.74 | 22.87 | 23.01 | |
| 10 | 64QAM | 50 | 0 | 22.94 | 22.96 | 22.68 | 22.90 | 22.93 | |
| 10 | 256QAM | 1 | 0 | 20.86 | 20.84 | 20.74 | 20.64 | 20.79 | 22 |
| 10 | 256QAM | 1 | 25 | 20.80 | 20.74 | 20.54 | 20.86 | 21.09 | |
| 10 | 256QAM | 1 | 49 | 20.85 | 20.78 | 20.51 | 20.51 | 20.88 | |
| 10 | 256QAM | 25 | 0 | 21.05 | 20.99 | 20.93 | 20.90 | 20.92 | 22 |
| 10 | 256QAM | 25 | 12 | 20.98 | 20.99 | 20.82 | 21.05 | 21.07 | |
| 10 | 256QAM | 25 | 25 | 20.94 | 20.90 | 20.80 | 20.91 | 20.99 | |
| 10 | 256QAM | 50 | 0 | 20.97 | 20.89 | 20.75 | 20.99 | 20.91 | |
| 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 | 25.58 | 25.65 | 25.42 | 25.48 | 25.41 | 27 |
| 5 | QPSK | 1 | 12 | 25.57 | 25.64 | 25.35 | 25.86 | 25.78 | |
| 5 | QPSK | 1 | 24 | 25.65 | 25.59 | 25.41 | 25.36 | 25.65 | |
| 5 | QPSK | 12 | 0 | 24.91 | 24.91 | 24.72 | 24.83 | 24.86 | 26 |
| 5 | QPSK | 12 | 7 | 24.95 | 24.89 | 24.69 | 25.03 | 24.96 | |
| 5 | QPSK | 12 | 13 | 24.85 | 24.90 | 24.72 | 24.87 | 24.97 | |
| 5 | QPSK | 25 | 0 | 24.98 | 24.95 | 24.68 | 24.89 | 24.86 | |
| 5 | 16QAM | 1 | 0 | 24.90 | 24.91 | 24.87 | 24.90 | 24.76 | 26 |
| 5 | 16QAM | 1 | 12 | 24.92 | 24.97 | 24.79 | 25.13 | 25.16 | |
| 5 | 16QAM | 1 | 24 | 24.97 | 25.04 | 24.79 | 24.73 | 25.03 | |
| 5 | 16QAM | 12 | 0 | 23.99 | 24.01 | 23.71 | 23.83 | 23.84 | 25 |
| 5 | 16QAM | 12 | 7 | 23.96 | 23.96 | 23.68 | 24.03 | 24.05 | |
| 5 | 16QAM | 12 | 13 | 24.00 | 23.98 | 23.67 | 23.93 | 24.03 | |
| 5 | 16QAM | 25 | 0 | 23.92 | 23.98 | 23.69 | 23.95 | 23.89 | |
| 5 | 64QAM | 1 | 0 | 23.72 | 23.80 | 23.63 | 23.66 | 23.56 | 25 |
| 5 | 64QAM | 1 | 12 | 23.87 | 23.81 | 23.55 | 24.06 | 24.04 | |
| 5 | 64QAM | 1 | 24 | 23.84 | 23.80 | 23.63 | 23.55 | 23.89 | |
| 5 | 64QAM | 12 | 0 | 22.95 | 23.00 | 22.75 | 22.88 | 22.90 | 24 |
| 5 | 64QAM | 12 | 7 | 22.97 | 22.95 | 22.72 | 23.01 | 22.98 | |
| 5 | 64QAM | 12 | 13 | 22.96 | 22.95 | 22.77 | 22.97 | 23.01 | |
| 5 | 64QAM | 25 | 0 | 22.98 | 22.99 | 22.74 | 22.99 | 22.95 | |
| 5 | 256QAM | 1 | 0 | 20.78 | 20.80 | 20.74 | 20.66 | 20.83 | 22 |
| 5 | 256QAM | 1 | 12 | 20.79 | 20.70 | 20.56 | 20.85 | 21.11 | |
| 5 | 256QAM | 1 | 24 | 20.87 | 20.78 | 20.55 | 20.47 | 20.90 | |
| 5 | 256QAM | 12 | 0 | 21.08 | 20.95 | 20.84 | 20.85 | 20.94 | 22 |
| 5 | 256QAM | 12 | 7 | 21.02 | 21.00 | 20.85 | 21.03 | 21.01 | |
| 5 | 256QAM | 12 | 13 | 21.02 | 20.90 | 20.74 | 20.88 | 20.98 | |
| 5 | 256QAM | 25 | 0 | 20.94 | 20.88 | 20.75 | 20.95 | 20.87 | |

## Band 48_Ant 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 | 22.80 | 22.82 | 22.88 | 23.01 | 24.1 |
| 20 | QPSK | 1 | 49 | 22.53 | 22.63 | 22.72 | 22.73 | |
| 20 | QPSK | 1 | 99 | 22.53 | 22.60 | 22.66 | 22.67 | |
| 20 | QPSK | 50 | 0 | 22.71 | 22.86 | 22.84 | 22.84 | 24.1 |
| 20 | QPSK | 50 | 24 | 22.68 | 22.81 | 22.80 | 22.86 | |
| 20 | QPSK | 50 | 50 | 22.62 | 22.73 | 22.79 | 22.80 | |
| 20 | QPSK | 100 | 0 | 22.66 | 22.76 | 22.77 | 22.85 | |
| 20 | 16QAM | 1 | 0 | 22.77 | 22.92 | 23.00 | 23.00 | 24.1 |
| 20 | 16QAM | 1 | 49 | 22.60 | 22.73 | 22.79 | 22.79 | |
| 20 | 16QAM | 1 | 99 | 22.60 | 22.73 | 22.75 | 22.75 | |
| 20 | 16QAM | 50 | 0 | 22.22 | 22.36 | 22.37 | 22.38 | 23.7 |
| 20 | 16QAM | 50 | 24 | 22.18 | 22.31 | 22.31 | 22.41 | |
| 20 | 16QAM | 50 | 50 | 22.13 | 22.26 | 22.31 | 22.33 | |
| 20 | 16QAM | 100 | 0 | 22.17 | 22.30 | 22.27 | 22.38 | |
| 20 | 64QAM | 1 | 0 | 22.00 | 22.14 | 22.15 | 22.20 | 23.7 |
| 20 | 64QAM | 1 | 49 | 21.83 | 21.97 | 22.05 | 22.03 | |
| 20 | 64QAM | 1 | 99 | 21.88 | 21.96 | 22.03 | 22.01 | |
| 20 | 64QAM | 50 | 0 | 21.23 | 21.37 | 21.37 | 21.39 | 22.7 |
| 20 | 64QAM | 50 | 24 | 21.19 | 21.33 | 21.32 | 21.41 | |
| 20 | 64QAM | 50 | 50 | 21.15 | 21.26 | 21.32 | 21.31 | |
| 20 | 64QAM | 100 | 0 | 21.18 | 21.32 | 21.33 | 21.40 | |
| 20 | 256QAM | 1 | 0 | 18.85 | 19.09 | 19.04 | 19.31 | 20.7 |
| 20 | 256QAM | 1 | 49 | 18.77 | 19.02 | 19.08 | 19.21 | |
| 20 | 256QAM | 1 | 99 | 19.00 | 19.13 | 19.22 | 19.44 | |
| 20 | 256QAM | 50 | 0 | 19.13 | 19.32 | 19.28 | 19.48 | 20.7 |
| 20 | 256QAM | 50 | 24 | 19.16 | 19.28 | 19.34 | 19.66 | |
| 20 | 256QAM | 50 | 50 | 19.14 | 19.37 | 19.46 | 19.66 | |
| 20 | 256QAM | 100 | 0 | 19.03 | 19.30 | 19.36 | 19.55 | |
| Channel | | | | 55315 | 55820 | 56160 | 56665 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3557.5 | 3608 | 3642 | 3692.5 | |
| 15 | QPSK | 1 | 0 | 22.60 | 22.80 | 22.79 | 22.83 | 24.1 |
| 15 | QPSK | 1 | 37 | 22.52 | 22.57 | 22.71 | 22.68 | |
| 15 | QPSK | 1 | 74 | 22.50 | 22.55 | 22.59 | 22.63 | |
| 15 | QPSK | 36 | 0 | 22.70 | 22.79 | 22.83 | 22.82 | 24.1 |
| 15 | QPSK | 36 | 20 | 22.65 | 22.73 | 22.72 | 22.82 | |
| 15 | QPSK | 36 | 39 | 22.61 | 22.72 | 22.72 | 22.70 | |
| 15 | QPSK | 75 | 0 | 22.62 | 22.69 | 22.70 | 22.80 | |
| 15 | 16QAM | 1 | 0 | 22.70 | 22.91 | 22.90 | 22.93 | 24.1 |
| 15 | 16QAM | 1 | 37 | 22.51 | 22.71 | 22.76 | 22.71 | |
| 15 | 16QAM | 1 | 74 | 22.56 | 22.72 | 22.75 | 22.67 | |
| 15 | 16QAM | 36 | 0 | 22.22 | 22.27 | 22.31 | 22.36 | 23.7 |
| 15 | 16QAM | 36 | 20 | 22.14 | 22.31 | 22.28 | 22.31 | |
| 15 | 16QAM | 36 | 39 | 22.12 | 22.24 | 22.26 | 22.29 | |
| 15 | 16QAM | 75 | 0 | 22.13 | 22.20 | 22.22 | 22.28 | |
| 15 | 64QAM | 1 | 0 | 21.95 | 22.11 | 22.06 | 22.20 | 23.7 |
| 15 | 64QAM | 1 | 37 | 21.78 | 21.88 | 22.01 | 21.93 | |
| 15 | 64QAM | 1 | 74 | 21.85 | 21.96 | 21.93 | 21.99 | |
| 15 | 64QAM | 36 | 0 | 21.20 | 21.27 | 21.36 | 21.30 | 22.7 |
| 15 | 64QAM | 36 | 20 | 21.12 | 21.24 | 21.25 | 21.34 | |
| 15 | 64QAM | 36 | 39 | 21.11 | 21.28 | 21.25 | 21.25 | |
| 15 | 64QAM | 75 | 0 | 21.08 | 21.22 | 21.31 | 21.37 | |
| 15 | 256QAM | 1 | 0 | 18.90 | 19.08 | 19.06 | 19.23 | 20.7 |
| 15 | 256QAM | 1 | 37 | 18.73 | 18.98 | 19.06 | 19.28 | |
| 15 | 256QAM | 1 | 74 | 18.97 | 19.12 | 19.25 | 19.43 | |
| 15 | 256QAM | 36 | 0 | 19.13 | 19.30 | 19.31 | 19.52 | 20.7 |
| 15 | 256QAM | 36 | 20 | 19.19 | 19.34 | 19.33 | 19.63 | |
| 15 | 256QAM | 36 | 39 | 19.16 | 19.35 | 19.45 | 19.65 | |
| 15 | 256QAM | 75 | 0 | 19.10 | 19.34 | 19.26 | 19.55 | |
| Channel | | | | 55290 | 55815 | 56160 | 56690 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3555 | 3607.5 | 3642.5 | 3695 | |
| 10 | QPSK | 1 | 0 | 22.65 | 22.79 | 22.81 | 22.83 | 24.1 |
| 10 | QPSK | 1 | 25 | 22.46 | 22.58 | 22.65 | 22.64 | |
| 10 | QPSK | 1 | 49 | 22.47 | 22.50 | 22.66 | 22.61 | |
| 10 | QPSK | 25 | 0 | 22.68 | 22.84 | 22.77 | 22.82 | 24.1 |
| 10 | QPSK | 25 | 12 | 22.60 | 22.80 | 22.70 | 22.80 | |
| 10 | QPSK | 25 | 25 | 22.53 | 22.64 | 22.70 | 22.71 | |
| 10 | QPSK | 50 | 0 | 22.61 | 22.70 | 22.70 | 22.84 | |
| 10 | 16QAM | 1 | 0 | 22.73 | 22.92 | 22.90 | 22.90 | 24.1 |
| 10 | 16QAM | 1 | 25 | 22.58 | 22.70 | 22.72 | 22.69 | |
| 10 | 16QAM | 1 | 49 | 22.51 | 22.63 | 22.66 | 22.66 | |
| 10 | 16QAM | 25 | 0 | 22.22 | 22.30 | 22.27 | 22.35 | 23.7 |
| 10 | 16QAM | 25 | 12 | 22.08 | 22.23 | 22.23 | 22.40 | |
| 10 | 16QAM | 25 | 25 | 22.04 | 22.19 | 22.28 | 22.28 | |
| 10 | 16QAM | 50 | 0 | 22.11 | 22.30 | 22.17 | 22.33 | |
| 10 | 64QAM | 1 | 0 | 21.91 | 22.11 | 22.12 | 22.10 | 23.7 |
| 10 | 64QAM | 1 | 25 | 21.79 | 21.92 | 21.98 | 21.97 | |
| 10 | 64QAM | 1 | 49 | 21.82 | 21.95 | 21.95 | 21.91 | |
| 10 | 64QAM | 25 | 0 | 21.21 | 21.37 | 21.32 | 21.33 | 22.7 |
| 10 | 64QAM | 25 | 12 | 21.15 | 21.30 | 21.32 | 21.32 | |
| 10 | 64QAM | 25 | 25 | 21.11 | 21.18 | 21.22 | 21.22 | |
| 10 | 64QAM | 50 | 0 | 21.11 | 21.25 | 21.23 | 21.33 | |
| 10 | 256QAM | 1 | 0 | 18.85 | 19.09 | 19.11 | 19.30 | 20.7 |
| 10 | 256QAM | 1 | 25 | 18.79 | 19.04 | 19.02 | 19.26 | |
| 10 | 256QAM | 1 | 49 | 18.94 | 19.07 | 19.30 | 19.42 | |
| 10 | 256QAM | 25 | 0 | 19.09 | 19.32 | 19.30 | 19.46 | 20.7 |
| 10 | 256QAM | 25 | 12 | 19.11 | 19.31 | 19.33 | 19.60 | |
| 10 | 256QAM | 25 | 25 | 19.15 | 19.31 | 19.49 | 19.56 | |
| 10 | 256QAM | 50 | 0 | 19.10 | 19.34 | 19.35 | 19.58 | |
| Channel | | | | 55265 | 55810 | 56170 | 56715 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3552.5 | 3607 | 3643 | 3697.5 | |
| 5 | QPSK | 1 | 0 | 22.61 | 22.79 | 22.82 | 22.88 | 24.1 |
| 5 | QPSK | 1 | 12 | 22.45 | 22.58 | 22.71 | 22.66 | |
| 5 | QPSK | 1 | 24 | 22.53 | 22.53 | 22.61 | 22.59 | |
| 5 | QPSK | 12 | 0 | 22.70 | 22.84 | 22.77 | 22.84 | 24.1 |
| 5 | QPSK | 12 | 7 | 22.61 | 22.72 | 22.73 | 22.80 | |
| 5 | QPSK | 12 | 13 | 22.60 | 22.63 | 22.79 | 22.72 | |
| 5 | QPSK | 25 | 0 | 22.63 | 22.71 | 22.77 | 22.80 | |
| 5 | 16QAM | 1 | 0 | 22.77 | 22.83 | 22.91 | 22.96 | 24.1 |
| 5 | 16QAM | 1 | 12 | 22.53 | 22.71 | 22.75 | 22.71 | |
| 5 | 16QAM | 1 | 24 | 22.57 | 22.67 | 22.70 | 22.73 | |
| 5 | 16QAM | 12 | 0 | 22.18 | 22.29 | 22.34 | 22.34 | 23.7 |
| 5 | 16QAM | 12 | 7 | 22.18 | 22.22 | 22.30 | 22.32 | |
| 5 | 16QAM | 12 | 13 | 22.13 | 22.19 | 22.22 | 22.30 | |
| 5 | 16QAM | 25 | 0 | 22.16 | 22.21 | 22.27 | 22.38 | |
| 5 | 64QAM | 1 | 0 | 21.90 | 22.08 | 22.13 | 22.18 | 23.7 |
| 5 | 64QAM | 1 | 12 | 21.75 | 21.96 | 22.01 | 21.93 | |
| 5 | 64QAM | 1 | 24 | 21.88 | 21.93 | 22.00 | 22.01 | |
| 5 | 64QAM | 12 | 0 | 21.23 | 21.35 | 21.33 | 21.37 | 22.7 |
| 5 | 64QAM | 12 | 7 | 21.17 | 21.23 | 21.24 | 21.39 | |
| 5 | 64QAM | 12 | 13 | 21.13 | 21.22 | 21.30 | 21.27 | |
| 5 | 64QAM | 25 | 0 | 21.09 | 21.26 | 21.32 | 21.34 | |
| 5 | 256QAM | 1 | 0 | 18.86 | 19.13 | 19.08 | 19.24 | 20.7 |
| 5 | 256QAM | 1 | 12 | 18.72 | 19.00 | 19.04 | 19.29 | |
| 5 | 256QAM | 1 | 24 | 18.96 | 19.06 | 19.27 | 19.35 | |
| 5 | 256QAM | 12 | 0 | 19.08 | 19.36 | 19.29 | 19.45 | 20.7 |
| 5 | 256QAM | 12 | 7 | 19.09 | 19.36 | 19.29 | 19.61 | |
| 5 | 256QAM | 12 | 13 | 19.14 | 19.29 | 19.48 | 19.63 | |
| 5 | 256QAM | 25 | 0 | 19.07 | 19.29 | 19.36 | 19.52 | |

## n2_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.57 | 24.53 | 24.59 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.55 | 24.60 | 24.56 | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.57 | 24.69 | 24.57 | | |
| 20 | PI/2 BPSK | 50 | 0 | 23.91 | 24.08 | 24.10 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.52 | 24.56 | 24.56 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.99 | 24.22 | 24.10 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 23.97 | 24.09 | 24.05 | | |
| 20 | QPSK | 1 | 1 | 24.55 | 24.52 | 24.61 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 24.56 | 24.66 | 24.58 | | |
| 20 | QPSK | 1 | 104 | 24.56 | 24.67 | 24.56 | | |
| 20 | QPSK | 50 | 0 | 23.38 | 23.57 | 23.56 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 24.51 | 24.62 | 24.61 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.50 | 23.58 | 23.55 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 23.51 | 23.59 | 23.59 | | |
| 20 | 16QAM | 1 | 1 | 23.28 | 23.34 | 23.40 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 21.92 | 21.94 | 22.08 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 19.90 | 19.94 | 20.08 | 21.2 | 4.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | PI/2 BPSK | 1 | 1 | 24.56 | 24.49 | 24.56 | 25.7 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | PI/2 BPSK | 1 | 1 | 24.57 | 24.50 | 24.53 | 25.7 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | PI/2 BPSK | 1 | 1 | 24.53 | 24.51 | 24.49 | 25.7 | 0.0 |

## n5_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.29 | 24.24 | 24.17 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.13 | 24.15 | 24.06 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.96 | 23.37 | 23.10 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.70 | 23.63 | 23.60 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.12 | 24.09 | 24.06 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.57 | 23.51 | 23.48 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 23.66 | 23.56 | 23.52 | |
| 20 | QPSK | 1 | 1 | 24.28 | 24.21 | 24.16 | 25.0 |
| 20 | QPSK | 1 | 53 | 24.13 | 24.10 | 24.04 | |
| 20 | QPSK | 1 | 104 | 23.99 | 23.91 | 23.40 | |
| 20 | QPSK | 50 | 0 | 23.19 | 23.20 | 23.11 | 24.0 |
| 20 | QPSK | 50 | 28 | 24.15 | 24.12 | 24.09 | 25.0 |
| 20 | QPSK | 50 | 56 | 23.07 | 23.04 | 22.97 | 24.0 |
| 20 | QPSK | 100 | 0 | 23.17 | 23.14 | 23.11 | |
| 20 | 16QAM | 1 | 1 | 22.92 | 22.83 | 22.78 | 24.0 |
| 20 | 64QAM | 1 | 1 | 21.88 | 21.80 | 21.75 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.97 | 19.88 | 19.77 | 20.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.25 | 24.24 | 24.16 | 25.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.26 | 24.08 | 24.18 | 25.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.22 | 24.04 | 24.10 | 25.0 |

## n12_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 141300 | 141500 | 141700 | |
| Frequency (MHz) | | | | 706.5 | 707.5 | 708.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.91 | 23.91 | 23.87 | 24.7 |
| 15 | PI/2 BPSK | 1 | 40 | 23.77 | 23.72 | 23.71 | |
| 15 | PI/2 BPSK | 1 | 77 | 23.65 | 23.64 | 23.62 | |
| 15 | PI/2 BPSK | 36 | 0 | 23.25 | 23.29 | 23.26 | 24.2 |
| 15 | PI/2 BPSK | 36 | 22 | 23.70 | 23.67 | 23.62 | 24.7 |
| 15 | PI/2 BPSK | 36 | 43 | 23.16 | 23.08 | 23.10 | 24.2 |
| 15 | PI/2 BPSK | 75 | 0 | 23.22 | 23.23 | 23.19 | |
| 15 | QPSK | 1 | 1 | 23.78 | 23.86 | 23.72 | 24.7 |
| 15 | QPSK | 1 | 40 | 23.71 | 23.71 | 23.70 | |
| 15 | QPSK | 1 | 77 | 23.61 | 23.56 | 23.56 | |
| 15 | QPSK | 36 | 0 | 22.77 | 22.79 | 22.72 | 23.7 |
| 15 | QPSK | 36 | 22 | 23.65 | 23.65 | 23.60 | 24.7 |
| 15 | QPSK | 36 | 43 | 22.72 | 22.67 | 22.65 | 23.7 |
| 15 | QPSK | 75 | 0 | 22.72 | 22.67 | 22.70 | |
| 15 | 16QAM | 1 | 1 | 22.52 | 22.46 | 22.44 | 23.7 |
| 15 | 64QAM | 1 | 1 | 21.32 | 21.23 | 21.22 | 22.2 |
| 15 | 256QAM | 1 | 1 | 19.66 | 19.62 | 19.61 | 20.2 |
| Channel | | | | 140800 | 141500 | 142200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.81 | 23.65 | 23.77 | 24.7 |
| Channel | | | | 140300 | 141500 | 142700 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.72 | 23.65 | 23.81 | 24.7 |

| n71_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 134600 | 136100 | 137600 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.45 | 24.40 | 24.41 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.53 | 24.44 | 24.43 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.39 | 24.36 | 24.23 | |
| 20 | PI/2 BPSK | 50 | 0 | 24.32 | 24.14 | 24.11 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.28 | 24.44 | 24.28 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 24.19 | 24.07 | 23.91 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 24.17 | 24.17 | 23.98 | |
| 20 | QPSK | 1 | 1 | 24.52 | 24.43 | 24.45 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.37 | 24.36 | 24.19 | |
| 20 | QPSK | 1 | 104 | 24.33 | 24.28 | 24.02 | |
| 20 | QPSK | 50 | 0 | 23.95 | 23.76 | 23.85 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.52 | 24.41 | 24.31 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.84 | 23.76 | 23.63 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.85 | 23.83 | 23.77 | |
| 20 | 16QAM | 1 | 1 | 23.41 | 23.38 | 23.53 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.46 | 22.24 | 22.23 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.79 | 20.58 | 20.53 | 21.2 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.39 | 24.43 | 24.29 | 25.7 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.31 | 24.42 | 24.36 | 25.7 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.43 | 24.43 | 24.26 | 25.7 |

## n25_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376500 | 381000 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.34 | 24.46 | 24.53 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.34 | 24.52 | 24.48 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.36 | 24.50 | 24.37 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.78 | 23.89 | 24.00 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.34 | 24.44 | 24.46 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 23.79 | 23.97 | 23.94 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 23.83 | 24.01 | 23.96 | |
| 20 | QPSK | 1 | 1 | 24.34 | 24.52 | 24.49 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.42 | 24.47 | 24.52 | |
| 20 | QPSK | 1 | 104 | 24.34 | 24.46 | 24.37 | |
| 20 | QPSK | 50 | 0 | 23.28 | 23.44 | 23.50 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.36 | 24.51 | 24.48 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.29 | 23.47 | 23.44 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.35 | 23.48 | 23.52 | |
| 20 | 16QAM | 1 | 1 | 23.14 | 23.32 | 23.31 | 24.7 |
| 20 | 64QAM | 1 | 1 | 21.80 | 21.94 | 21.99 | 23.2 |
| 20 | 256QAM | 1 | 1 | 19.78 | 19.98 | 20.08 | 21.2 |
| Channel | | | | 371500 | 376500 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.34 | 24.45 | 24.50 | 25.7 |
| Channel | | | | 371000 | 376500 | 382000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.32 | 24.39 | 24.52 | 25.7 |
| Channel | | | | 370500 | 376500 | 382500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.24 | 24.40 | 24.51 | 25.7 |

## n66_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.95 | 24.54 | 24.54 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.51 | 24.56 | 24.29 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.55 | 24.49 | 24.45 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.97 | 23.95 | 23.72 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.45 | 24.48 | 24.35 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 23.91 | 23.93 | 23.89 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 23.97 | 23.97 | 23.95 | |
| 20 | QPSK | 1 | 1 | 23.87 | 24.49 | 24.55 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.53 | 24.55 | 24.16 | |
| 20 | QPSK | 1 | 104 | 24.51 | 24.55 | 24.48 | |
| 20 | QPSK | 50 | 0 | 23.54 | 23.44 | 23.47 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.47 | 24.48 | 24.20 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.44 | 23.45 | 23.41 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.51 | 23.54 | 23.44 | |
| 20 | 16QAM | 1 | 1 | 22.77 | 23.44 | 23.57 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.15 | 22.08 | 22.13 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.15 | 20.09 | 20.09 | 21.2 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.85 | 24.51 | 24.51 | 25.7 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.92 | 24.50 | 24.47 | 25.7 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.86 | 24.45 | 24.47 | 25.7 |

## n2_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.89 | 23.89 | 23.95 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.87 | 23.96 | 23.92 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.93 | 23.99 | 23.91 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.37 | 23.32 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.86 | 23.93 | 23.91 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.34 | 23.40 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.34 | 23.44 | 23.40 | |
| 20 | QPSK | 1 | 1 | 23.75 | 23.86 | 23.87 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.72 | 23.93 | 23.85 | |
| 20 | QPSK | 1 | 104 | 23.76 | 23.92 | 23.80 | |
| 20 | QPSK | 50 | 0 | 22.79 | 22.83 | 22.93 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.83 | 23.97 | 23.94 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.88 | 22.98 | 22.90 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.93 | 22.99 | 22.90 | |
| 20 | 16QAM | 1 | 1 | 22.61 | 22.60 | 22.65 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.48 | 21.44 | 21.43 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.44 | 19.62 | 19.67 | 21.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.82 | 23.85 | 23.90 | 25.5 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.86 | 23.80 | 23.87 | 25.5 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.85 | 23.83 | 23.92 | 25.5 |

## n5_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.54 | 23.51 | 23.44 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.40 | 23.37 | 23.30 | |
| 20 | PI/2 BPSK | 1 | 104 | 22.83 | 22.16 | 22.00 | |
| 20 | PI/2 BPSK | 50 | 0 | 22.92 | 22.88 | 22.79 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 23.39 | 23.30 | 23.23 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.77 | 22.71 | 22.67 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.85 | 22.77 | 22.77 | |
| 20 | QPSK | 1 | 1 | 23.42 | 23.44 | 23.38 | 25.0 |
| 20 | QPSK | 1 | 53 | 23.33 | 23.29 | 23.22 | |
| 20 | QPSK | 1 | 104 | 22.84 | 22.15 | 21.99 | |
| 20 | QPSK | 50 | 0 | 22.40 | 22.36 | 22.32 | 24.0 |
| 20 | QPSK | 50 | 28 | 23.38 | 23.30 | 23.26 | 25.0 |
| 20 | QPSK | 50 | 56 | 22.30 | 22.23 | 22.14 | 24.0 |
| 20 | QPSK | 100 | 0 | 22.38 | 22.34 | 22.29 | |
| 20 | 16QAM | 1 | 1 | 22.58 | 22.54 | 22.47 | 24.0 |
| 20 | 64QAM | 1 | 1 | 20.98 | 20.93 | 20.85 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.14 | 19.08 | 18.94 | 20.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.44 | 23.49 | 23.36 | 25.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.53 | 23.49 | 23.34 | 25.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.49 | 23.43 | 23.34 | 25.0 |

## n12_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 141300 | 141500 | 141700 | |
| Frequency (MHz) | | | | 706.5 | 707.5 | 708.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 22.11 | 22.16 | 22.09 | 23.0 |
| 15 | PI/2 BPSK | 1 | 40 | 22.07 | 22.02 | 22.00 | |
| 15 | PI/2 BPSK | 1 | 77 | 21.91 | 21.90 | 21.85 | |
| 15 | PI/2 BPSK | 36 | 0 | 21.98 | 22.07 | 21.92 | 23.0 |
| 15 | PI/2 BPSK | 36 | 22 | 21.99 | 21.92 | 21.94 | 23.0 |
| 15 | PI/2 BPSK | 36 | 43 | 21.91 | 21.93 | 21.89 | 23.0 |
| 15 | PI/2 BPSK | 75 | 0 | 22.00 | 21.97 | 21.97 | |
| 15 | QPSK | 1 | 1 | 22.10 | 22.11 | 22.08 | 23.0 |
| 15 | QPSK | 1 | 40 | 21.94 | 22.05 | 22.06 | |
| 15 | QPSK | 1 | 77 | 21.96 | 21.90 | 21.92 | |
| 15 | QPSK | 36 | 0 | 21.98 | 22.01 | 21.96 | 23.0 |
| 15 | QPSK | 36 | 22 | 22.00 | 21.99 | 21.97 | 23.0 |
| 15 | QPSK | 36 | 43 | 21.94 | 21.88 | 21.90 | 23.0 |
| 15 | QPSK | 75 | 0 | 22.04 | 22.03 | 21.97 | |
| 15 | 16QAM | 1 | 1 | 22.03 | 22.02 | 22.01 | 23.0 |
| 15 | 64QAM | 1 | 1 | 21.21 | 21.24 | 21.18 | 22.5 |
| 15 | 256QAM | 1 | 1 | 19.54 | 19.52 | 19.48 | 20.5 |
| Channel | | | | 140800 | 141500 | 142200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | PI/2 BPSK | 1 | 1 | 22.09 | 22.13 | 22.08 | 23.0 |
| Channel | | | | 140300 | 141500 | 142700 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 22.02 | 22.06 | 22.05 | 23.0 |

| n71_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 134600 | 136100 | 137600 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.48 | 23.43 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.43 | 23.36 | 23.28 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.29 | 23.23 | 23.00 | |
| 20 | PI/2 BPSK | 50 | 0 | 22.89 | 22.80 | 22.71 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 23.38 | 23.30 | 23.14 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.84 | 22.65 | 22.52 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.89 | 22.79 | 22.63 | |
| 20 | QPSK | 1 | 1 | 23.34 | 23.34 | 23.37 | 25.0 |
| 20 | QPSK | 1 | 53 | 23.21 | 23.29 | 23.13 | |
| 20 | QPSK | 1 | 104 | 23.24 | 23.15 | 22.86 | |
| 20 | QPSK | 50 | 0 | 22.64 | 22.47 | 22.49 | 24.0 |
| 20 | QPSK | 50 | 28 | 23.40 | 23.28 | 23.17 | 25.0 |
| 20 | QPSK | 50 | 56 | 22.49 | 22.42 | 22.22 | 24.0 |
| 20 | QPSK | 100 | 0 | 22.57 | 22.48 | 22.42 | |
| 20 | 16QAM | 1 | 1 | 22.47 | 22.62 | 22.57 | 24.0 |
| 20 | 64QAM | 1 | 1 | 21.19 | 21.03 | 20.91 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.27 | 19.05 | 19.02 | 20.5 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.45 | 23.38 | 23.34 | 25.0 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.38 | 23.35 | 23.41 | 25.0 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.40 | 23.37 | 23.35 | 25.0 |

## n25_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376500 | 381000 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.74 | 23.78 | 23.82 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.70 | 23.83 | 23.77 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.82 | 23.83 | 23.79 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.22 | 23.32 | 23.29 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.66 | 23.81 | 23.76 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.22 | 23.38 | 23.24 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.17 | 23.31 | 23.27 | |
| 20 | QPSK | 1 | 1 | 23.61 | 23.76 | 23.79 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.62 | 23.76 | 23.71 | |
| 20 | QPSK | 1 | 104 | 23.60 | 23.76 | 23.73 | |
| 20 | QPSK | 50 | 0 | 22.64 | 22.83 | 22.82 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.72 | 23.82 | 23.77 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.72 | 22.77 | 22.76 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.73 | 22.88 | 22.82 | |
| 20 | 16QAM | 1 | 1 | 22.45 | 22.53 | 22.54 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.36 | 21.43 | 21.30 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.31 | 19.50 | 19.58 | 21.0 |
| Channel | | | | 371500 | 376500 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.72 | 23.78 | 23.81 | 25.5 |
| Channel | | | | 371000 | 376500 | 382000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.70 | 23.71 | 23.81 | 25.5 |
| Channel | | | | 370500 | 376500 | 382500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.73 | 23.72 | 23.79 | 25.5 |

## n66_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.85 | 23.87 | 23.84 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.76 | 23.83 | 23.75 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.76 | 23.86 | 23.70 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.29 | 23.33 | 23.31 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.72 | 23.78 | 23.73 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.28 | 23.23 | 23.15 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.26 | 23.26 | 23.27 | |
| 20 | QPSK | 1 | 1 | 23.71 | 23.70 | 23.76 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.69 | 23.74 | 23.70 | |
| 20 | QPSK | 1 | 104 | 23.69 | 23.77 | 23.63 | |
| 20 | QPSK | 50 | 0 | 22.75 | 22.82 | 22.81 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.77 | 23.78 | 23.76 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.80 | 22.76 | 22.69 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.79 | 22.84 | 22.77 | |
| 20 | 16QAM | 1 | 1 | 22.54 | 22.48 | 22.48 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.34 | 21.28 | 21.23 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.52 | 19.48 | 19.58 | 21.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.77 | 23.80 | 23.83 | 25.5 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.81 | 23.77 | 23.83 | 25.5 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.79 | 23.85 | 23.82 | 25.5 |

## n2_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.57 | 24.53 | 24.59 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.55 | 24.60 | 24.56 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.57 | 24.69 | 24.57 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.91 | 24.08 | 24.10 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.52 | 24.56 | 24.56 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 23.99 | 24.22 | 24.10 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 23.97 | 24.09 | 24.05 | |
| 20 | QPSK | 1 | 1 | 24.55 | 24.52 | 24.61 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.56 | 24.66 | 24.58 | |
| 20 | QPSK | 1 | 104 | 24.56 | 24.67 | 24.56 | |
| 20 | QPSK | 50 | 0 | 23.38 | 23.57 | 23.56 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.51 | 24.62 | 24.61 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.50 | 23.58 | 23.55 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.51 | 23.59 | 23.59 | |
| 20 | 16QAM | 1 | 1 | 23.28 | 23.34 | 23.40 | 24.7 |
| 20 | 64QAM | 1 | 1 | 21.92 | 21.94 | 22.08 | 23.2 |
| 20 | 256QAM | 1 | 1 | 19.90 | 19.94 | 20.08 | 21.2 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.56 | 24.49 | 24.56 | 25.7 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.57 | 24.50 | 24.53 | 25.7 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.53 | 24.51 | 24.49 | 25.7 |

## n5_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.29 | 24.24 | 24.17 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.13 | 24.15 | 24.06 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.96 | 23.37 | 23.10 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.70 | 23.63 | 23.60 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.12 | 24.09 | 24.06 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.57 | 23.51 | 23.48 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 23.66 | 23.56 | 23.52 | |
| 20 | QPSK | 1 | 1 | 24.28 | 24.21 | 24.16 | 25.0 |
| 20 | QPSK | 1 | 53 | 24.13 | 24.10 | 24.04 | |
| 20 | QPSK | 1 | 104 | 23.99 | 23.91 | 23.40 | |
| 20 | QPSK | 50 | 0 | 23.19 | 23.20 | 23.11 | 24.0 |
| 20 | QPSK | 50 | 28 | 24.15 | 24.12 | 24.09 | 25.0 |
| 20 | QPSK | 50 | 56 | 23.07 | 23.04 | 22.97 | 24.0 |
| 20 | QPSK | 100 | 0 | 23.17 | 23.14 | 23.11 | |
| 20 | 16QAM | 1 | 1 | 22.92 | 22.83 | 22.78 | 24.0 |
| 20 | 64QAM | 1 | 1 | 21.88 | 21.80 | 21.75 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.97 | 19.88 | 19.77 | 20.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.25 | 24.24 | 24.16 | 25.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.26 | 24.08 | 24.18 | 25.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.22 | 24.04 | 24.10 | 25.0 |

## n12_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 141300 | 141500 | 141700 | |
| Frequency (MHz) | | | | 706.5 | 707.5 | 708.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.91 | 23.91 | 23.87 | 24.7 |
| 15 | PI/2 BPSK | 1 | 40 | 23.77 | 23.72 | 23.71 | |
| 15 | PI/2 BPSK | 1 | 77 | 23.65 | 23.64 | 23.62 | |
| 15 | PI/2 BPSK | 36 | 0 | 23.25 | 23.29 | 23.26 | 24.2 |
| 15 | PI/2 BPSK | 36 | 22 | 23.70 | 23.67 | 23.62 | 24.7 |
| 15 | PI/2 BPSK | 36 | 43 | 23.16 | 23.08 | 23.10 | 24.2 |
| 15 | PI/2 BPSK | 75 | 0 | 23.22 | 23.23 | 23.19 | |
| 15 | QPSK | 1 | 1 | 23.78 | 23.86 | 23.72 | 24.7 |
| 15 | QPSK | 1 | 40 | 23.71 | 23.71 | 23.70 | |
| 15 | QPSK | 1 | 77 | 23.61 | 23.56 | 23.56 | |
| 15 | QPSK | 36 | 0 | 22.77 | 22.79 | 22.72 | 23.7 |
| 15 | QPSK | 36 | 22 | 23.65 | 23.65 | 23.60 | 24.7 |
| 15 | QPSK | 36 | 43 | 22.72 | 22.67 | 22.65 | 23.7 |
| 15 | QPSK | 75 | 0 | 22.72 | 22.67 | 22.70 | |
| 15 | 16QAM | 1 | 1 | 22.52 | 22.46 | 22.44 | 23.7 |
| 15 | 64QAM | 1 | 1 | 21.32 | 21.23 | 21.22 | 22.2 |
| 15 | 256QAM | 1 | 1 | 19.66 | 19.62 | 19.61 | 20.2 |
| Channel | | | | 140800 | 141500 | 142200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.81 | 23.65 | 23.77 | 24.7 |
| Channel | | | | 140300 | 141500 | 142700 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.72 | 23.65 | 23.81 | 24.7 |

## n71_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 134600 | 136100 | 137600 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.45 | 24.40 | 24.41 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.53 | 24.44 | 24.43 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.39 | 24.36 | 24.23 | |
| 20 | PI/2 BPSK | 50 | 0 | 24.32 | 24.14 | 24.11 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.28 | 24.44 | 24.28 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 24.19 | 24.07 | 23.91 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 24.17 | 24.17 | 23.98 | |
| 20 | QPSK | 1 | 1 | 24.52 | 24.43 | 24.45 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.37 | 24.36 | 24.19 | |
| 20 | QPSK | 1 | 104 | 24.33 | 24.28 | 24.02 | |
| 20 | QPSK | 50 | 0 | 23.95 | 23.76 | 23.85 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.52 | 24.41 | 24.31 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.84 | 23.76 | 23.63 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.85 | 23.83 | 23.77 | |
| 20 | 16QAM | 1 | 1 | 23.41 | 23.38 | 23.53 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.46 | 22.24 | 22.23 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.79 | 20.58 | 20.53 | 21.2 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.39 | 24.43 | 24.29 | 25.7 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.31 | 24.42 | 24.36 | 25.7 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.43 | 24.43 | 24.26 | 25.7 |

## n25_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376500 | 381000 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.34 | 24.46 | 24.53 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.34 | 24.52 | 24.48 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.36 | 24.50 | 24.37 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.78 | 23.89 | 24.00 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.34 | 24.44 | 24.46 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 23.79 | 23.97 | 23.94 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 23.83 | 24.01 | 23.96 | |
| 20 | QPSK | 1 | 1 | 24.34 | 24.52 | 24.49 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.42 | 24.47 | 24.52 | |
| 20 | QPSK | 1 | 104 | 24.34 | 24.46 | 24.37 | |
| 20 | QPSK | 50 | 0 | 23.28 | 23.44 | 23.50 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.36 | 24.51 | 24.48 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.29 | 23.47 | 23.44 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.35 | 23.48 | 23.52 | |
| 20 | 16QAM | 1 | 1 | 23.14 | 23.32 | 23.31 | 24.7 |
| 20 | 64QAM | 1 | 1 | 21.80 | 21.94 | 21.99 | 23.2 |
| 20 | 256QAM | 1 | 1 | 19.78 | 19.98 | 20.08 | 21.2 |
| Channel | | | | 371500 | 376500 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.34 | 24.45 | 24.50 | 25.7 |
| Channel | | | | 371000 | 376500 | 382000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.32 | 24.39 | 24.52 | 25.7 |
| Channel | | | | 370500 | 376500 | 382500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.24 | 24.40 | 24.51 | 25.7 |

## n66_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.95 | 24.54 | 24.54 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.51 | 24.56 | 24.29 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.55 | 24.49 | 24.45 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.97 | 23.95 | 23.72 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.45 | 24.48 | 24.35 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 23.91 | 23.93 | 23.89 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 23.97 | 23.97 | 23.95 | |
| 20 | QPSK | 1 | 1 | 23.87 | 24.49 | 24.55 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.53 | 24.55 | 24.16 | |
| 20 | QPSK | 1 | 104 | 24.51 | 24.55 | 24.48 | |
| 20 | QPSK | 50 | 0 | 23.54 | 23.44 | 23.47 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.47 | 24.48 | 24.20 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.44 | 23.45 | 23.41 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.51 | 23.54 | 23.44 | |
| 20 | 16QAM | 1 | 1 | 22.77 | 23.44 | 23.57 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.15 | 22.08 | 22.13 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.15 | 20.09 | 20.09 | 21.2 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.85 | 24.51 | 24.51 | 25.7 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.92 | 24.50 | 24.47 | 25.7 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.86 | 24.45 | 24.47 | 25.7 |

## n2_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.89 | 23.89 | 23.95 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.87 | 23.96 | 23.92 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.93 | 23.99 | 23.91 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.37 | 23.32 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.86 | 23.93 | 23.91 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.34 | 23.40 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.34 | 23.44 | 23.40 | |
| 20 | QPSK | 1 | 1 | 23.75 | 23.86 | 23.87 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.72 | 23.93 | 23.85 | |
| 20 | QPSK | 1 | 104 | 23.76 | 23.92 | 23.80 | |
| 20 | QPSK | 50 | 0 | 22.79 | 22.83 | 22.93 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.83 | 23.97 | 23.94 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.88 | 22.98 | 22.90 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.93 | 22.99 | 22.90 | |
| 20 | 16QAM | 1 | 1 | 22.61 | 22.60 | 22.65 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.48 | 21.44 | 21.43 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.44 | 19.62 | 19.67 | 21.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.82 | 23.85 | 23.90 | 25.5 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.86 | 23.80 | 23.87 | 25.5 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.85 | 23.83 | 23.92 | 25.5 |

## n5_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.54 | 23.51 | 23.44 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.40 | 23.37 | 23.30 | |
| 20 | PI/2 BPSK | 1 | 104 | 22.83 | 22.16 | 22.00 | |
| 20 | PI/2 BPSK | 50 | 0 | 22.92 | 22.88 | 22.79 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 23.39 | 23.30 | 23.23 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.77 | 22.71 | 22.67 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.85 | 22.77 | 22.77 | |
| 20 | QPSK | 1 | 1 | 23.42 | 23.44 | 23.38 | 25.0 |
| 20 | QPSK | 1 | 53 | 23.33 | 23.29 | 23.22 | |
| 20 | QPSK | 1 | 104 | 22.84 | 22.15 | 21.99 | |
| 20 | QPSK | 50 | 0 | 22.40 | 22.36 | 22.32 | 24.0 |
| 20 | QPSK | 50 | 28 | 23.38 | 23.30 | 23.26 | 25.0 |
| 20 | QPSK | 50 | 56 | 22.30 | 22.23 | 22.14 | 24.0 |
| 20 | QPSK | 100 | 0 | 22.38 | 22.34 | 22.29 | |
| 20 | 16QAM | 1 | 1 | 22.58 | 22.54 | 22.47 | 24.0 |
| 20 | 64QAM | 1 | 1 | 20.98 | 20.93 | 20.85 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.14 | 19.08 | 18.94 | 20.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.44 | 23.49 | 23.36 | 25.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.53 | 23.49 | 23.34 | 25.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.49 | 23.43 | 23.34 | 25.0 |

## n12_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 141300 | 141500 | 141700 | |
| Frequency (MHz) | | | | 706.5 | 707.5 | 708.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 22.11 | 22.16 | 22.09 | 23.0 |
| 15 | PI/2 BPSK | 1 | 40 | 22.07 | 22.02 | 22.00 | |
| 15 | PI/2 BPSK | 1 | 77 | 21.91 | 21.90 | 21.85 | |
| 15 | PI/2 BPSK | 36 | 0 | 21.98 | 22.07 | 21.92 | 23.0 |
| 15 | PI/2 BPSK | 36 | 22 | 21.99 | 21.92 | 21.94 | 23.0 |
| 15 | PI/2 BPSK | 36 | 43 | 21.91 | 21.93 | 21.89 | 23.0 |
| 15 | PI/2 BPSK | 75 | 0 | 22.00 | 21.97 | 21.97 | |
| 15 | QPSK | 1 | 1 | 22.10 | 22.11 | 22.08 | 23.0 |
| 15 | QPSK | 1 | 40 | 21.94 | 22.05 | 22.06 | |
| 15 | QPSK | 1 | 77 | 21.96 | 21.90 | 21.92 | |
| 15 | QPSK | 36 | 0 | 21.98 | 22.01 | 21.96 | 23.0 |
| 15 | QPSK | 36 | 22 | 22.00 | 21.99 | 21.97 | 23.0 |
| 15 | QPSK | 36 | 43 | 21.94 | 21.88 | 21.90 | 23.0 |
| 15 | QPSK | 75 | 0 | 22.04 | 22.03 | 21.97 | |
| 15 | 16QAM | 1 | 1 | 22.03 | 22.02 | 22.01 | 23.0 |
| 15 | 64QAM | 1 | 1 | 21.21 | 21.24 | 21.18 | 22.5 |
| | 256QAM | 1 | 1 | 19.54 | 19.52 | 19.48 | 20.5 |
| Channel | | | | 140800 | 141500 | 142200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | PI/2 BPSK | 1 | 1 | 22.09 | 22.13 | 22.08 | 23.0 |
| Channel | | | | 140300 | 141500 | 142700 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 22.02 | 22.06 | 22.05 | 23.0 |

| n71_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 134600 | 136100 | 137600 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.48 | 23.43 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.43 | 23.36 | 23.28 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.29 | 23.23 | 23.00 | |
| 20 | PI/2 BPSK | 50 | 0 | 22.89 | 22.80 | 22.71 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 23.38 | 23.30 | 23.14 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.84 | 22.65 | 22.52 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.89 | 22.79 | 22.63 | |
| 20 | QPSK | 1 | 1 | 23.34 | 23.34 | 23.37 | 25.0 |
| 20 | QPSK | 1 | 53 | 23.21 | 23.29 | 23.13 | |
| 20 | QPSK | 1 | 104 | 23.24 | 23.15 | 22.86 | |
| 20 | QPSK | 50 | 0 | 22.64 | 22.47 | 22.49 | 24.0 |
| 20 | QPSK | 50 | 28 | 23.40 | 23.28 | 23.17 | 25.0 |
| 20 | QPSK | 50 | 56 | 22.49 | 22.42 | 22.22 | 24.0 |
| 20 | QPSK | 100 | 0 | 22.57 | 22.48 | 22.42 | |
| 20 | 16QAM | 1 | 1 | 22.47 | 22.62 | 22.57 | 24.0 |
| 20 | 64QAM | 1 | 1 | 21.19 | 21.03 | 20.91 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.27 | 19.05 | 19.02 | 20.5 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.45 | 23.38 | 23.34 | 25.0 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.38 | 23.35 | 23.41 | 25.0 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.40 | 23.37 | 23.35 | 25.0 |

## n25_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376500 | 381000 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.74 | 23.78 | 23.82 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.70 | 23.83 | 23.77 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.82 | 23.83 | 23.79 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.22 | 23.32 | 23.29 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.66 | 23.81 | 23.76 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.22 | 23.38 | 23.24 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.17 | 23.31 | 23.27 | |
| 20 | QPSK | 1 | 1 | 23.61 | 23.76 | 23.79 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.62 | 23.76 | 23.71 | |
| 20 | QPSK | 1 | 104 | 23.60 | 23.76 | 23.73 | |
| 20 | QPSK | 50 | 0 | 22.64 | 22.83 | 22.82 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.72 | 23.82 | 23.77 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.72 | 22.77 | 22.76 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.73 | 22.88 | 22.82 | |
| 20 | 16QAM | 1 | 1 | 22.45 | 22.53 | 22.54 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.36 | 21.43 | 21.30 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.31 | 19.50 | 19.58 | 21.0 |
| Channel | | | | 371500 | 376500 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.72 | 23.78 | 23.81 | 25.5 |
| Channel | | | | 371000 | 376500 | 382000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.70 | 23.71 | 23.81 | 25.5 |
| Channel | | | | 370500 | 376500 | 382500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.73 | 23.72 | 23.79 | 25.5 |

## n66_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.85 | 23.87 | 23.84 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.76 | 23.83 | 23.75 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.76 | 23.86 | 23.70 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.29 | 23.33 | 23.31 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.72 | 23.78 | 23.73 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.28 | 23.23 | 23.15 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.26 | 23.26 | 23.27 | |
| 20 | QPSK | 1 | 1 | 23.71 | 23.70 | 23.76 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.69 | 23.74 | 23.70 | |
| 20 | QPSK | 1 | 104 | 23.69 | 23.77 | 23.63 | |
| 20 | QPSK | 50 | 0 | 22.75 | 22.82 | 22.81 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.77 | 23.78 | 23.76 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.80 | 22.76 | 22.69 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.79 | 22.84 | 22.77 | |
| 20 | 16QAM | 1 | 1 | 22.54 | 22.48 | 22.48 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.34 | 21.28 | 21.23 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.52 | 19.48 | 19.58 | 21.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.77 | 23.80 | 23.83 | 25.5 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.81 | 23.77 | 23.83 | 25.5 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.79 | 23.85 | 23.82 | 25.5 |

## n2_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.57 | 24.53 | 24.59 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.55 | 24.60 | 24.56 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.57 | 24.69 | 24.57 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.91 | 24.08 | 24.10 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.52 | 24.56 | 24.56 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 23.99 | 24.22 | 24.10 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 23.97 | 24.09 | 24.05 | |
| 20 | QPSK | 1 | 1 | 24.55 | 24.52 | 24.61 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.56 | 24.66 | 24.58 | |
| 20 | QPSK | 1 | 104 | 24.56 | 24.67 | 24.56 | |
| 20 | QPSK | 50 | 0 | 23.38 | 23.57 | 23.56 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.51 | 24.62 | 24.61 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.50 | 23.58 | 23.55 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.51 | 23.59 | 23.59 | |
| 20 | 16QAM | 1 | 1 | 23.28 | 23.34 | 23.40 | 24.7 |
| 20 | 64QAM | 1 | 1 | 21.92 | 21.94 | 22.08 | 23.2 |
| 20 | 256QAM | 1 | 1 | 19.90 | 19.94 | 20.08 | 21.2 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.56 | 24.49 | 24.56 | 25.7 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.57 | 24.50 | 24.53 | 25.7 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.53 | 24.51 | 24.49 | 25.7 |

## n5_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.29 | 24.24 | 24.17 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.13 | 24.15 | 24.06 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.96 | 23.37 | 23.10 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.70 | 23.63 | 23.60 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.12 | 24.09 | 24.06 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.57 | 23.51 | 23.48 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 23.66 | 23.56 | 23.52 | |
| 20 | QPSK | 1 | 1 | 24.28 | 24.21 | 24.16 | 25.0 |
| 20 | QPSK | 1 | 53 | 24.13 | 24.10 | 24.04 | |
| 20 | QPSK | 1 | 104 | 23.99 | 23.91 | 23.40 | |
| 20 | QPSK | 50 | 0 | 23.19 | 23.20 | 23.11 | 24.0 |
| 20 | QPSK | 50 | 28 | 24.15 | 24.12 | 24.09 | 25.0 |
| 20 | QPSK | 50 | 56 | 23.07 | 23.04 | 22.97 | 24.0 |
| 20 | QPSK | 100 | 0 | 23.17 | 23.14 | 23.11 | |
| 20 | 16QAM | 1 | 1 | 22.92 | 22.83 | 22.78 | 24.0 |
| 20 | 64QAM | 1 | 1 | 21.88 | 21.80 | 21.75 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.97 | 19.88 | 19.77 | 20.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.25 | 24.24 | 24.16 | 25.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.26 | 24.08 | 24.18 | 25.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.22 | 24.04 | 24.10 | 25.0 |

## n12_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 141300 | 141500 | 141700 | |
| Frequency (MHz) | | | | 706.5 | 707.5 | 708.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.91 | 23.91 | 23.87 | 24.7 |
| 15 | PI/2 BPSK | 1 | 40 | 23.77 | 23.72 | 23.71 | |
| 15 | PI/2 BPSK | 1 | 77 | 23.65 | 23.64 | 23.62 | |
| 15 | PI/2 BPSK | 36 | 0 | 23.25 | 23.29 | 23.26 | 24.2 |
| 15 | PI/2 BPSK | 36 | 22 | 23.70 | 23.67 | 23.62 | 24.7 |
| 15 | PI/2 BPSK | 36 | 43 | 23.16 | 23.08 | 23.10 | 24.2 |
| 15 | PI/2 BPSK | 75 | 0 | 23.22 | 23.23 | 23.19 | |
| 15 | QPSK | 1 | 1 | 23.78 | 23.86 | 23.72 | 24.7 |
| 15 | QPSK | 1 | 40 | 23.71 | 23.71 | 23.70 | |
| 15 | QPSK | 1 | 77 | 23.61 | 23.56 | 23.56 | |
| 15 | QPSK | 36 | 0 | 22.77 | 22.79 | 22.72 | 23.7 |
| 15 | QPSK | 36 | 22 | 23.65 | 23.65 | 23.60 | 24.7 |
| 15 | QPSK | 36 | 43 | 22.72 | 22.67 | 22.65 | 23.7 |
| 15 | QPSK | 75 | 0 | 22.72 | 22.67 | 22.70 | |
| 15 | 16QAM | 1 | 1 | 22.52 | 22.46 | 22.44 | 23.7 |
| 15 | 64QAM | 1 | 1 | 21.32 | 21.23 | 21.22 | 22.2 |
| 15 | 256QAM | 1 | 1 | 19.66 | 19.62 | 19.61 | 20.2 |
| Channel | | | | 140800 | 141500 | 142200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.81 | 23.65 | 23.77 | 24.7 |
| Channel | | | | 140300 | 141500 | 142700 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.72 | 23.65 | 23.81 | 24.7 |

| n71_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 134600 | 136100 | 137600 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.45 | 24.40 | 24.41 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.53 | 24.44 | 24.43 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.39 | 24.36 | 24.23 | |
| 20 | PI/2 BPSK | 50 | 0 | 24.32 | 24.14 | 24.11 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.28 | 24.44 | 24.28 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 24.19 | 24.07 | 23.91 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 24.17 | 24.17 | 23.98 | |
| 20 | QPSK | 1 | 1 | 24.52 | 24.43 | 24.45 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.37 | 24.36 | 24.19 | |
| 20 | QPSK | 1 | 104 | 24.33 | 24.28 | 24.02 | |
| 20 | QPSK | 50 | 0 | 23.95 | 23.76 | 23.85 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.52 | 24.41 | 24.31 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.84 | 23.76 | 23.63 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.85 | 23.83 | 23.77 | |
| 20 | 16QAM | 1 | 1 | 23.41 | 23.38 | 23.53 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.46 | 22.24 | 22.23 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.79 | 20.58 | 20.53 | 21.2 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.39 | 24.43 | 24.29 | 25.7 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.31 | 24.42 | 24.36 | 25.7 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.43 | 24.43 | 24.26 | 25.7 |

| n25_Ant 2 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 372000 | 376500 | 381000 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.34 | 24.46 | 24.53 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.34 | 24.52 | 24.48 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.36 | 24.50 | 24.37 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.78 | 23.89 | 24.00 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.34 | 24.44 | 24.46 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 23.79 | 23.97 | 23.94 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 23.83 | 24.01 | 23.96 | |
| 20 | QPSK | 1 | 1 | 24.34 | 24.52 | 24.49 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.42 | 24.47 | 24.52 | |
| 20 | QPSK | 1 | 104 | 24.34 | 24.46 | 24.37 | |
| 20 | QPSK | 50 | 0 | 23.28 | 23.44 | 23.50 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.36 | 24.51 | 24.48 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.29 | 23.47 | 23.44 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.35 | 23.48 | 23.52 | |
| 20 | 16QAM | 1 | 1 | 23.14 | 23.32 | 23.31 | 24.7 |
| 20 | 64QAM | 1 | 1 | 21.80 | 21.94 | 21.99 | 23.2 |
| 20 | 256QAM | 1 | 1 | 19.78 | 19.98 | 20.08 | 21.2 |
| Channel | | | | 371500 | 376500 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.34 | 24.45 | 24.50 | 25.7 |
| Channel | | | | 371000 | 376500 | 382000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.32 | 24.39 | 24.52 | 25.7 |
| Channel | | | | 370500 | 376500 | 382500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.24 | 24.40 | 24.51 | 25.7 |

## n66_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.95 | 24.54 | 24.54 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.51 | 24.56 | 24.29 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.55 | 24.49 | 24.45 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.97 | 23.95 | 23.72 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.45 | 24.48 | 24.35 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 23.91 | 23.93 | 23.89 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 23.97 | 23.97 | 23.95 | |
| 20 | QPSK | 1 | 1 | 23.87 | 24.49 | 24.55 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.53 | 24.55 | 24.16 | |
| 20 | QPSK | 1 | 104 | 24.51 | 24.55 | 24.48 | |
| 20 | QPSK | 50 | 0 | 23.54 | 23.44 | 23.47 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.47 | 24.48 | 24.20 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.44 | 23.45 | 23.41 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.51 | 23.54 | 23.44 | |
| 20 | 16QAM | 1 | 1 | 22.77 | 23.44 | 23.57 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.15 | 22.08 | 22.13 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.15 | 20.09 | 20.09 | 21.2 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.85 | 24.51 | 24.51 | 25.7 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.92 | 24.50 | 24.47 | 25.7 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.86 | 24.45 | 24.47 | 25.7 |

## n2_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.89 | 23.89 | 23.95 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.87 | 23.96 | 23.92 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.93 | 23.99 | 23.91 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.37 | 23.32 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.86 | 23.93 | 23.91 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.34 | 23.40 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.34 | 23.44 | 23.40 | |
| 20 | QPSK | 1 | 1 | 23.75 | 23.86 | 23.87 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.72 | 23.93 | 23.85 | |
| 20 | QPSK | 1 | 104 | 23.76 | 23.92 | 23.80 | |
| 20 | QPSK | 50 | 0 | 22.79 | 22.83 | 22.93 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.83 | 23.97 | 23.94 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.88 | 22.98 | 22.90 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.93 | 22.99 | 22.90 | |
| 20 | 16QAM | 1 | 1 | 22.61 | 22.60 | 22.65 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.48 | 21.44 | 21.43 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.44 | 19.62 | 19.67 | 21.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.82 | 23.85 | 23.90 | 25.5 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.86 | 23.80 | 23.87 | 25.5 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.85 | 23.83 | 23.92 | 25.5 |

## n5_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.54 | 23.51 | 23.44 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.40 | 23.37 | 23.30 | |
| 20 | PI/2 BPSK | 1 | 104 | 22.83 | 22.16 | 22.00 | |
| 20 | PI/2 BPSK | 50 | 0 | 22.92 | 22.88 | 22.79 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 23.39 | 23.30 | 23.23 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.77 | 22.71 | 22.67 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.85 | 22.77 | 22.77 | |
| 20 | QPSK | 1 | 1 | 23.42 | 23.44 | 23.38 | 25.0 |
| 20 | QPSK | 1 | 53 | 23.33 | 23.29 | 23.22 | |
| 20 | QPSK | 1 | 104 | 22.84 | 22.15 | 21.99 | |
| 20 | QPSK | 50 | 0 | 22.40 | 22.36 | 22.32 | 24.0 |
| 20 | QPSK | 50 | 28 | 23.38 | 23.30 | 23.26 | 25.0 |
| 20 | QPSK | 50 | 56 | 22.30 | 22.23 | 22.14 | 24.0 |
| 20 | QPSK | 100 | 0 | 22.38 | 22.34 | 22.29 | |
| 20 | 16QAM | 1 | 1 | 22.58 | 22.54 | 22.47 | 24.0 |
| 20 | 64QAM | 1 | 1 | 20.98 | 20.93 | 20.85 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.14 | 19.08 | 18.94 | 20.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.44 | 23.49 | 23.36 | 25.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.53 | 23.49 | 23.34 | 25.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.49 | 23.43 | 23.34 | 25.0 |

## n12_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 141300 | 141500 | 141700 | |
| Frequency (MHz) | | | | 706.5 | 707.5 | 708.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 22.11 | 22.16 | 22.09 | 23.0 |
| 15 | PI/2 BPSK | 1 | 40 | 22.07 | 22.02 | 22.00 | |
| 15 | PI/2 BPSK | 1 | 77 | 21.91 | 21.90 | 21.85 | |
| 15 | PI/2 BPSK | 36 | 0 | 21.98 | 22.07 | 21.92 | 23.0 |
| 15 | PI/2 BPSK | 36 | 22 | 21.99 | 21.92 | 21.94 | 23.0 |
| 15 | PI/2 BPSK | 36 | 43 | 21.91 | 21.93 | 21.89 | 23.0 |
| 15 | PI/2 BPSK | 75 | 0 | 22.00 | 21.97 | 21.97 | |
| 15 | QPSK | 1 | 1 | 22.10 | 22.11 | 22.08 | 23.0 |
| 15 | QPSK | 1 | 40 | 21.94 | 22.05 | 22.06 | |
| 15 | QPSK | 1 | 77 | 21.96 | 21.90 | 21.92 | |
| 15 | QPSK | 36 | 0 | 21.98 | 22.01 | 21.96 | 23.0 |
| 15 | QPSK | 36 | 22 | 22.00 | 21.99 | 21.97 | 23.0 |
| 15 | QPSK | 36 | 43 | 21.94 | 21.88 | 21.90 | 23.0 |
| 15 | QPSK | 75 | 0 | 22.04 | 22.03 | 21.97 | |
| 15 | 16QAM | 1 | 1 | 22.03 | 22.02 | 22.01 | 23.0 |
| 15 | 64QAM | 1 | 1 | 21.21 | 21.24 | 21.18 | 22.5 |
| | 256QAM | 1 | 1 | 19.54 | 19.52 | 19.48 | 20.5 |
| Channel | | | | 140800 | 141500 | 142200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | PI/2 BPSK | 1 | 1 | 22.09 | 22.13 | 22.08 | 23.0 |
| Channel | | | | 140300 | 141500 | 142700 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 22.02 | 22.06 | 22.05 | 23.0 |

## n71_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 134600 | 136100 | 137600 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.48 | 23.43 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.43 | 23.36 | 23.28 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.29 | 23.23 | 23.00 | |
| 20 | PI/2 BPSK | 50 | 0 | 22.89 | 22.80 | 22.71 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 23.38 | 23.30 | 23.14 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.84 | 22.65 | 22.52 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.89 | 22.79 | 22.63 | |
| 20 | QPSK | 1 | 1 | 23.34 | 23.34 | 23.37 | 25.0 |
| 20 | QPSK | 1 | 53 | 23.21 | 23.29 | 23.13 | |
| 20 | QPSK | 1 | 104 | 23.24 | 23.15 | 22.86 | |
| 20 | QPSK | 50 | 0 | 22.64 | 22.47 | 22.49 | 24.0 |
| 20 | QPSK | 50 | 28 | 23.40 | 23.28 | 23.17 | 25.0 |
| 20 | QPSK | 50 | 56 | 22.49 | 22.42 | 22.22 | 24.0 |
| 20 | QPSK | 100 | 0 | 22.57 | 22.48 | 22.42 | |
| 20 | 16QAM | 1 | 1 | 22.47 | 22.62 | 22.57 | 24.0 |
| 20 | 64QAM | 1 | 1 | 21.19 | 21.03 | 20.91 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.27 | 19.05 | 19.02 | 20.5 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.45 | 23.38 | 23.34 | 25.0 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.38 | 23.35 | 23.41 | 25.0 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.40 | 23.37 | 23.35 | 25.0 |

## n25_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376500 | 381000 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.74 | 23.78 | 23.82 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.70 | 23.83 | 23.77 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.82 | 23.83 | 23.79 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.22 | 23.32 | 23.29 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.66 | 23.81 | 23.76 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.22 | 23.38 | 23.24 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.17 | 23.31 | 23.27 | |
| 20 | QPSK | 1 | 1 | 23.61 | 23.76 | 23.79 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.62 | 23.76 | 23.71 | |
| 20 | QPSK | 1 | 104 | 23.60 | 23.76 | 23.73 | |
| 20 | QPSK | 50 | 0 | 22.64 | 22.83 | 22.82 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.72 | 23.82 | 23.77 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.72 | 22.77 | 22.76 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.73 | 22.88 | 22.82 | |
| 20 | 16QAM | 1 | 1 | 22.45 | 22.53 | 22.54 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.36 | 21.43 | 21.30 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.31 | 19.50 | 19.58 | 21.0 |
| Channel | | | | 371500 | 376500 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.72 | 23.78 | 23.81 | 25.5 |
| Channel | | | | 371000 | 376500 | 382000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.70 | 23.71 | 23.81 | 25.5 |
| Channel | | | | 370500 | 376500 | 382500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.73 | 23.72 | 23.79 | 25.5 |

## n66_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.85 | 23.87 | 23.84 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.76 | 23.83 | 23.75 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.76 | 23.86 | 23.70 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.29 | 23.33 | 23.31 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.72 | 23.78 | 23.73 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.28 | 23.23 | 23.15 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.26 | 23.26 | 23.27 | |
| 20 | QPSK | 1 | 1 | 23.71 | 23.70 | 23.76 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.69 | 23.74 | 23.70 | |
| 20 | QPSK | 1 | 104 | 23.69 | 23.77 | 23.63 | |
| 20 | QPSK | 50 | 0 | 22.75 | 22.82 | 22.81 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.77 | 23.78 | 23.76 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.80 | 22.76 | 22.69 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.79 | 22.84 | 22.77 | |
| 20 | 16QAM | 1 | 1 | 22.54 | 22.48 | 22.48 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.34 | 21.28 | 21.23 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.52 | 19.48 | 19.58 | 21.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.77 | 23.80 | 23.83 | 25.5 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.81 | 23.77 | 23.83 | 25.5 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.79 | 23.85 | 23.82 | 25.5 |

| n2_Ant 2 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.77 | 23.72 | 23.86 | 25.1 |
| 20 | PI/2 BPSK | 1 | 53 | 23.78 | 23.87 | 23.87 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.86 | 23.93 | 23.88 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.76 | 23.74 | 23.81 | 25.1 |
| 20 | PI/2 BPSK | 50 | 28 | 23.78 | 23.84 | 23.85 | 25.1 |
| 20 | PI/2 BPSK | 50 | 56 | 23.79 | 23.89 | 23.86 | 25.1 |
| 20 | PI/2 BPSK | 100 | 0 | 23.75 | 23.84 | 23.81 | |
| 20 | QPSK | 1 | 1 | 23.85 | 23.82 | 23.89 | 25.1 |
| 20 | QPSK | 1 | 53 | 23.81 | 23.91 | 23.86 | |
| 20 | QPSK | 1 | 104 | 23.83 | 23.92 | 23.81 | |
| 20 | QPSK | 50 | 0 | 23.80 | 23.79 | 23.85 | 24.7 |
| 20 | QPSK | 50 | 28 | 23.80 | 23.90 | 23.85 | 25.1 |
| 20 | QPSK | 50 | 56 | 23.74 | 23.87 | 23.86 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.76 | 23.91 | 23.84 | |
| 20 | 16QAM | 1 | 1 | 23.73 | 23.69 | 23.80 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.61 | 22.58 | 22.71 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.55 | 20.56 | 20.62 | 21.2 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.72 | 23.63 | 23.77 | 25.1 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.77 | 23.66 | 23.83 | 25.1 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.72 | 23.72 | 23.81 | 25.1 |

## n5_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.29 | 24.24 | 24.17 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.13 | 24.15 | 24.06 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.96 | 23.37 | 23.10 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.70 | 23.63 | 23.60 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.12 | 24.09 | 24.06 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.57 | 23.51 | 23.48 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 23.66 | 23.56 | 23.52 | |
| 20 | QPSK | 1 | 1 | 24.28 | 24.21 | 24.16 | 25.0 |
| 20 | QPSK | 1 | 53 | 24.13 | 24.10 | 24.04 | |
| 20 | QPSK | 1 | 104 | 23.99 | 23.91 | 23.40 | |
| 20 | QPSK | 50 | 0 | 23.19 | 23.20 | 23.11 | 24.0 |
| 20 | QPSK | 50 | 28 | 24.15 | 24.12 | 24.09 | 25.0 |
| 20 | QPSK | 50 | 56 | 23.07 | 23.04 | 22.97 | 24.0 |
| 20 | QPSK | 100 | 0 | 23.17 | 23.14 | 23.11 | |
| 20 | 16QAM | 1 | 1 | 22.92 | 22.83 | 22.78 | 24.0 |
| 20 | 64QAM | 1 | 1 | 21.88 | 21.80 | 21.75 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.97 | 19.88 | 19.77 | 20.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.25 | 24.24 | 24.16 | 25.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.26 | 24.08 | 24.18 | 25.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.22 | 24.04 | 24.10 | 25.0 |

## n12_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 141300 | 141500 | 141700 | |
| Frequency (MHz) | | | | 706.5 | 707.5 | 708.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.91 | 23.91 | 23.87 | 24.7 |
| 15 | PI/2 BPSK | 1 | 40 | 23.77 | 23.72 | 23.71 | |
| 15 | PI/2 BPSK | 1 | 77 | 23.65 | 23.64 | 23.62 | |
| 15 | PI/2 BPSK | 36 | 0 | 23.25 | 23.29 | 23.26 | 24.2 |
| 15 | PI/2 BPSK | 36 | 22 | 23.70 | 23.67 | 23.62 | 24.7 |
| 15 | PI/2 BPSK | 36 | 43 | 23.16 | 23.08 | 23.10 | 24.2 |
| 15 | PI/2 BPSK | 75 | 0 | 23.22 | 23.23 | 23.19 | |
| 15 | QPSK | 1 | 1 | 23.78 | 23.86 | 23.72 | 24.7 |
| 15 | QPSK | 1 | 40 | 23.71 | 23.71 | 23.70 | |
| 15 | QPSK | 1 | 77 | 23.61 | 23.56 | 23.56 | |
| 15 | QPSK | 36 | 0 | 22.77 | 22.79 | 22.72 | 23.7 |
| 15 | QPSK | 36 | 22 | 23.65 | 23.65 | 23.60 | 24.7 |
| 15 | QPSK | 36 | 43 | 22.72 | 22.67 | 22.65 | 23.7 |
| 15 | QPSK | 75 | 0 | 22.72 | 22.67 | 22.70 | |
| 15 | 16QAM | 1 | 1 | 22.52 | 22.46 | 22.44 | 23.7 |
| 15 | 64QAM | 1 | 1 | 21.32 | 21.23 | 21.22 | 22.2 |
| 15 | 256QAM | 1 | 1 | 19.66 | 19.62 | 19.61 | 20.2 |
| Channel | | | | 140800 | 141500 | 142200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.81 | 23.65 | 23.77 | 24.7 |
| Channel | | | | 140300 | 141500 | 142700 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.72 | 23.65 | 23.81 | 24.7 |

## n71_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 134600 | 136100 | 137600 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.45 | 24.40 | 24.41 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.53 | 24.44 | 24.43 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.39 | 24.36 | 24.23 | |
| 20 | PI/2 BPSK | 50 | 0 | 24.32 | 24.14 | 24.11 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.28 | 24.44 | 24.28 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 24.19 | 24.07 | 23.91 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 24.17 | 24.17 | 23.98 | |
| 20 | QPSK | 1 | 1 | 24.52 | 24.43 | 24.45 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.37 | 24.36 | 24.19 | |
| 20 | QPSK | 1 | 104 | 24.33 | 24.28 | 24.02 | |
| 20 | QPSK | 50 | 0 | 23.95 | 23.76 | 23.85 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.52 | 24.41 | 24.31 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.84 | 23.76 | 23.63 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.85 | 23.83 | 23.77 | |
| 20 | 16QAM | 1 | 1 | 23.41 | 23.38 | 23.53 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.46 | 22.24 | 22.23 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.79 | 20.58 | 20.53 | 21.2 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.39 | 24.43 | 24.29 | 25.7 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.31 | 24.42 | 24.36 | 25.7 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.43 | 24.43 | 24.26 | 25.7 |

## n25_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376500 | 381000 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.56 | 23.76 | 23.77 | 25.1 |
| 20 | PI/2 BPSK | 1 | 53 | 23.63 | 23.81 | 23.77 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.66 | 23.83 | 23.78 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.52 | 23.69 | 23.73 | 25.1 |
| 20 | PI/2 BPSK | 50 | 28 | 23.64 | 23.76 | 23.75 | 25.1 |
| 20 | PI/2 BPSK | 50 | 56 | 23.65 | 23.77 | 23.76 | 25.1 |
| 20 | PI/2 BPSK | 100 | 0 | 23.58 | 23.76 | 23.74 | |
| 20 | QPSK | 1 | 1 | 23.59 | 23.72 | 23.76 | 25.1 |
| 20 | QPSK | 1 | 53 | 23.60 | 23.78 | 23.78 | |
| 20 | QPSK | 1 | 104 | 23.61 | 23.80 | 23.73 | |
| 20 | QPSK | 50 | 0 | 23.55 | 23.71 | 23.77 | 24.7 |
| 20 | QPSK | 50 | 28 | 23.63 | 23.77 | 23.76 | 25.1 |
| 20 | QPSK | 50 | 56 | 23.64 | 23.77 | 23.69 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.64 | 23.82 | 23.76 | |
| 20 | 16QAM | 1 | 1 | 23.51 | 23.63 | 23.75 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.39 | 22.60 | 22.64 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.36 | 20.52 | 20.56 | 21.2 |
| Channel | | | | 371500 | 376500 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.54 | 23.74 | 23.74 | 25.1 |
| Channel | | | | 371000 | 376500 | 382000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.56 | 23.71 | 23.70 | 25.1 |
| Channel | | | | 370500 | 376500 | 382500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.50 | 23.66 | 23.67 | 25.1 |

| n66_Ant 2 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.77 | 23.84 | 23.80 | 25.1 |
| 20 | PI/2 BPSK | 1 | 53 | 23.76 | 23.77 | 23.72 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.71 | 23.83 | 23.70 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.75 | 23.83 | 23.74 | 25.1 |
| 20 | PI/2 BPSK | 50 | 28 | 23.74 | 23.78 | 23.70 | 25.1 |
| 20 | PI/2 BPSK | 50 | 56 | 23.66 | 23.72 | 23.62 | 25.1 |
| 20 | PI/2 BPSK | 100 | 0 | 23.72 | 23.74 | 23.71 | |
| 20 | QPSK | 1 | 1 | 23.74 | 23.80 | 23.81 | 25.1 |
| 20 | QPSK | 1 | 53 | 23.75 | 23.83 | 23.76 | |
| 20 | QPSK | 1 | 104 | 23.74 | 23.72 | 23.65 | |
| 20 | QPSK | 50 | 0 | 23.73 | 23.80 | 23.76 | 24.7 |
| 20 | QPSK | 50 | 28 | 23.73 | 23.79 | 23.74 | 25.1 |
| 20 | QPSK | 50 | 56 | 23.70 | 23.73 | 23.67 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.74 | 23.78 | 23.74 | |
| 20 | 16QAM | 1 | 1 | 23.73 | 23.72 | 23.80 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.66 | 22.59 | 22.67 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.53 | 20.53 | 20.60 | 21.2 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.72 | 23.74 | 23.74 | 25.1 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.68 | 23.79 | 23.70 | 25.1 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.75 | 23.75 | 23.75 | 25.1 |

## n2_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.89 | 23.89 | 23.95 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.87 | 23.96 | 23.92 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.93 | 23.99 | 23.91 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.37 | 23.32 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.86 | 23.93 | 23.91 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.34 | 23.40 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.34 | 23.44 | 23.40 | |
| 20 | QPSK | 1 | 1 | 23.75 | 23.86 | 23.87 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.72 | 23.93 | 23.85 | |
| 20 | QPSK | 1 | 104 | 23.76 | 23.92 | 23.80 | |
| 20 | QPSK | 50 | 0 | 22.79 | 22.83 | 22.93 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.83 | 23.97 | 23.94 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.88 | 22.98 | 22.90 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.93 | 22.99 | 22.90 | |
| 20 | 16QAM | 1 | 1 | 22.61 | 22.60 | 22.65 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.48 | 21.44 | 21.43 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.44 | 19.62 | 19.67 | 21.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.82 | 23.85 | 23.90 | 25.5 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.86 | 23.80 | 23.87 | 25.5 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.85 | 23.83 | 23.92 | 25.5 |

## n5_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.54 | 23.51 | 23.44 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.40 | 23.37 | 23.30 | |
| 20 | PI/2 BPSK | 1 | 104 | 22.83 | 22.16 | 22.00 | |
| 20 | PI/2 BPSK | 50 | 0 | 22.92 | 22.88 | 22.79 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 23.39 | 23.30 | 23.23 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.77 | 22.71 | 22.67 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.85 | 22.77 | 22.77 | |
| 20 | QPSK | 1 | 1 | 23.42 | 23.44 | 23.38 | 25.0 |
| 20 | QPSK | 1 | 53 | 23.33 | 23.29 | 23.22 | |
| 20 | QPSK | 1 | 104 | 22.84 | 22.15 | 21.99 | |
| 20 | QPSK | 50 | 0 | 22.40 | 22.36 | 22.32 | 24.0 |
| 20 | QPSK | 50 | 28 | 23.38 | 23.30 | 23.26 | 25.0 |
| 20 | QPSK | 50 | 56 | 22.30 | 22.23 | 22.14 | 24.0 |
| 20 | QPSK | 100 | 0 | 22.38 | 22.34 | 22.29 | |
| 20 | 16QAM | 1 | 1 | 22.58 | 22.54 | 22.47 | 24.0 |
| 20 | 64QAM | 1 | 1 | 20.98 | 20.93 | 20.85 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.14 | 19.08 | 18.94 | 20.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.44 | 23.49 | 23.36 | 25.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.53 | 23.49 | 23.34 | 25.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.49 | 23.43 | 23.34 | 25.0 |

## n12_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 141300 | 141500 | 141700 | |
| Frequency (MHz) | | | | 706.5 | 707.5 | 708.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 22.11 | 22.16 | 22.09 | 23.0 |
| 15 | PI/2 BPSK | 1 | 40 | 22.07 | 22.02 | 22.00 | |
| 15 | PI/2 BPSK | 1 | 77 | 21.91 | 21.90 | 21.85 | |
| 15 | PI/2 BPSK | 36 | 0 | 21.98 | 22.07 | 21.92 | 23.0 |
| 15 | PI/2 BPSK | 36 | 22 | 21.99 | 21.92 | 21.94 | 23.0 |
| 15 | PI/2 BPSK | 36 | 43 | 21.91 | 21.93 | 21.89 | 23.0 |
| 15 | PI/2 BPSK | 75 | 0 | 22.00 | 21.97 | 21.97 | |
| 15 | QPSK | 1 | 1 | 22.10 | 22.11 | 22.08 | 23.0 |
| 15 | QPSK | 1 | 40 | 21.94 | 22.05 | 22.06 | |
| 15 | QPSK | 1 | 77 | 21.96 | 21.90 | 21.92 | |
| 15 | QPSK | 36 | 0 | 21.98 | 22.01 | 21.96 | 23.0 |
| 15 | QPSK | 36 | 22 | 22.00 | 21.99 | 21.97 | 23.0 |
| 15 | QPSK | 36 | 43 | 21.94 | 21.88 | 21.90 | 23.0 |
| 15 | QPSK | 75 | 0 | 22.04 | 22.03 | 21.97 | |
| 15 | 16QAM | 1 | 1 | 22.03 | 22.02 | 22.01 | 23.0 |
| 15 | 64QAM | 1 | 1 | 21.21 | 21.24 | 21.18 | 22.5 |
| | 256QAM | 1 | 1 | 19.54 | 19.52 | 19.48 | 20.5 |
| Channel | | | | 140800 | 141500 | 142200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | PI/2 BPSK | 1 | 1 | 22.09 | 22.13 | 22.08 | 23.0 |
| Channel | | | | 140300 | 141500 | 142700 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 22.02 | 22.06 | 22.05 | 23.0 |

## n71_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 134600 | 136100 | 137600 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.48 | 23.43 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.43 | 23.36 | 23.28 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.29 | 23.23 | 23.00 | |
| 20 | PI/2 BPSK | 50 | 0 | 22.89 | 22.80 | 22.71 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 23.38 | 23.30 | 23.14 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.84 | 22.65 | 22.52 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.89 | 22.79 | 22.63 | |
| 20 | QPSK | 1 | 1 | 23.34 | 23.34 | 23.37 | 25.0 |
| 20 | QPSK | 1 | 53 | 23.21 | 23.29 | 23.13 | |
| 20 | QPSK | 1 | 104 | 23.24 | 23.15 | 22.86 | |
| 20 | QPSK | 50 | 0 | 22.64 | 22.47 | 22.49 | 24.0 |
| 20 | QPSK | 50 | 28 | 23.40 | 23.28 | 23.17 | 25.0 |
| 20 | QPSK | 50 | 56 | 22.49 | 22.42 | 22.22 | 24.0 |
| 20 | QPSK | 100 | 0 | 22.57 | 22.48 | 22.42 | |
| 20 | 16QAM | 1 | 1 | 22.47 | 22.62 | 22.57 | 24.0 |
| 20 | 64QAM | 1 | 1 | 21.19 | 21.03 | 20.91 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.27 | 19.05 | 19.02 | 20.5 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.45 | 23.38 | 23.34 | 25.0 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.38 | 23.35 | 23.41 | 25.0 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.40 | 23.37 | 23.35 | 25.0 |

## n25_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376500 | 381000 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.74 | 23.78 | 23.82 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.70 | 23.83 | 23.77 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.82 | 23.83 | 23.79 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.22 | 23.32 | 23.29 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.66 | 23.81 | 23.76 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.22 | 23.38 | 23.24 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.17 | 23.31 | 23.27 | |
| 20 | QPSK | 1 | 1 | 23.61 | 23.76 | 23.79 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.62 | 23.76 | 23.71 | |
| 20 | QPSK | 1 | 104 | 23.60 | 23.76 | 23.73 | |
| 20 | QPSK | 50 | 0 | 22.64 | 22.83 | 22.82 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.72 | 23.82 | 23.77 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.72 | 22.77 | 22.76 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.73 | 22.88 | 22.82 | |
| 20 | 16QAM | 1 | 1 | 22.45 | 22.53 | 22.54 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.36 | 21.43 | 21.30 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.31 | 19.50 | 19.58 | 21.0 |
| Channel | | | | 371500 | 376500 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.72 | 23.78 | 23.81 | 25.5 |
| Channel | | | | 371000 | 376500 | 382000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.70 | 23.71 | 23.81 | 25.5 |
| Channel | | | | 370500 | 376500 | 382500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.73 | 23.72 | 23.79 | 25.5 |

## n66_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.85 | 23.87 | 23.84 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.76 | 23.83 | 23.75 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.76 | 23.86 | 23.70 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.29 | 23.33 | 23.31 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.72 | 23.78 | 23.73 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.28 | 23.23 | 23.15 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.26 | 23.26 | 23.27 | |
| 20 | QPSK | 1 | 1 | 23.71 | 23.70 | 23.76 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.69 | 23.74 | 23.70 | |
| 20 | QPSK | 1 | 104 | 23.69 | 23.77 | 23.63 | |
| 20 | QPSK | 50 | 0 | 22.75 | 22.82 | 22.81 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.77 | 23.78 | 23.76 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.80 | 22.76 | 22.69 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.79 | 22.84 | 22.77 | |
| 20 | 16QAM | 1 | 1 | 22.54 | 22.48 | 22.48 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.34 | 21.28 | 21.23 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.52 | 19.48 | 19.58 | 21.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.77 | 23.80 | 23.83 | 25.5 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.81 | 23.77 | 23.83 | 25.5 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.79 | 23.85 | 23.82 | 25.5 |

| n2_Ant 2 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.77 | 23.72 | 23.86 | 24.3 |
| 20 | PI/2 BPSK | 1 | 53 | 23.78 | 23.87 | 23.87 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.86 | 23.93 | 23.88 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.76 | 23.74 | 23.81 | 24.3 |
| 20 | PI/2 BPSK | 50 | 28 | 23.78 | 23.84 | 23.85 | 24.3 |
| 20 | PI/2 BPSK | 50 | 56 | 23.79 | 23.89 | 23.86 | 24.3 |
| 20 | PI/2 BPSK | 100 | 0 | 23.75 | 23.84 | 23.81 | |
| 20 | QPSK | 1 | 1 | 23.85 | 23.82 | 23.89 | 24.3 |
| 20 | QPSK | 1 | 53 | 23.81 | 23.91 | 23.86 | |
| 20 | QPSK | 1 | 104 | 23.83 | 23.92 | 23.81 | |
| 20 | QPSK | 50 | 0 | 23.80 | 23.79 | 23.85 | 24.3 |
| 20 | QPSK | 50 | 28 | 23.80 | 23.90 | 23.85 | 24.3 |
| 20 | QPSK | 50 | 56 | 23.74 | 23.87 | 23.86 | 24.3 |
| 20 | QPSK | 100 | 0 | 23.76 | 23.91 | 23.84 | |
| 20 | 16QAM | 1 | 1 | 23.73 | 23.69 | 23.80 | 24.3 |
| 20 | 64QAM | 1 | 1 | 22.61 | 22.58 | 22.71 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.55 | 20.56 | 20.62 | 21.2 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.72 | 23.63 | 23.77 | 24.3 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.77 | 23.66 | 23.83 | 24.3 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.72 | 23.72 | 23.81 | 24.3 |

## n5_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.29 | 24.24 | 24.17 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.13 | 24.15 | 24.06 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.96 | 23.37 | 23.10 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.70 | 23.63 | 23.60 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.12 | 24.09 | 24.06 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.57 | 23.51 | 23.48 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 23.66 | 23.56 | 23.52 | |
| 20 | QPSK | 1 | 1 | 24.28 | 24.21 | 24.16 | 25.0 |
| 20 | QPSK | 1 | 53 | 24.13 | 24.10 | 24.04 | |
| 20 | QPSK | 1 | 104 | 23.99 | 23.91 | 23.40 | |
| 20 | QPSK | 50 | 0 | 23.19 | 23.20 | 23.11 | 24.0 |
| 20 | QPSK | 50 | 28 | 24.15 | 24.12 | 24.09 | 25.0 |
| 20 | QPSK | 50 | 56 | 23.07 | 23.04 | 22.97 | 24.0 |
| 20 | QPSK | 100 | 0 | 23.17 | 23.14 | 23.11 | |
| 20 | 16QAM | 1 | 1 | 22.92 | 22.83 | 22.78 | 24.0 |
| 20 | 64QAM | 1 | 1 | 21.88 | 21.80 | 21.75 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.97 | 19.88 | 19.77 | 20.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.25 | 24.24 | 24.16 | 25.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.26 | 24.08 | 24.18 | 25.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.22 | 24.04 | 24.10 | 25.0 |

## n12_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 141300 | 141500 | 141700 | |
| Frequency (MHz) | | | | 706.5 | 707.5 | 708.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.91 | 23.91 | 23.87 | 24.7 |
| 15 | PI/2 BPSK | 1 | 40 | 23.77 | 23.72 | 23.71 | |
| 15 | PI/2 BPSK | 1 | 77 | 23.65 | 23.64 | 23.62 | |
| 15 | PI/2 BPSK | 36 | 0 | 23.25 | 23.29 | 23.26 | 24.2 |
| 15 | PI/2 BPSK | 36 | 22 | 23.70 | 23.67 | 23.62 | 24.7 |
| 15 | PI/2 BPSK | 36 | 43 | 23.16 | 23.08 | 23.10 | 24.2 |
| 15 | PI/2 BPSK | 75 | 0 | 23.22 | 23.23 | 23.19 | |
| 15 | QPSK | 1 | 1 | 23.78 | 23.86 | 23.72 | 24.7 |
| 15 | QPSK | 1 | 40 | 23.71 | 23.71 | 23.70 | |
| 15 | QPSK | 1 | 77 | 23.61 | 23.56 | 23.56 | |
| 15 | QPSK | 36 | 0 | 22.77 | 22.79 | 22.72 | 23.7 |
| 15 | QPSK | 36 | 22 | 23.65 | 23.65 | 23.60 | 24.7 |
| 15 | QPSK | 36 | 43 | 22.72 | 22.67 | 22.65 | 23.7 |
| 15 | QPSK | 75 | 0 | 22.72 | 22.67 | 22.70 | |
| 15 | 16QAM | 1 | 1 | 22.52 | 22.46 | 22.44 | 23.7 |
| 15 | 64QAM | 1 | 1 | 21.32 | 21.23 | 21.22 | 22.2 |
| 15 | 256QAM | 1 | 1 | 19.66 | 19.62 | 19.61 | 20.2 |
| Channel | | | | 140800 | 141500 | 142200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.81 | 23.65 | 23.77 | 24.7 |
| Channel | | | | 140300 | 141500 | 142700 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.72 | 23.65 | 23.81 | 24.7 |

| n71_Ant 0 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 134600 | 136100 | 137600 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.45 | 24.40 | 24.41 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.53 | 24.44 | 24.43 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.39 | 24.36 | 24.23 | |
| 20 | PI/2 BPSK | 50 | 0 | 24.32 | 24.14 | 24.11 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.28 | 24.44 | 24.28 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 24.19 | 24.07 | 23.91 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 24.17 | 24.17 | 23.98 | |
| 20 | QPSK | 1 | 1 | 24.52 | 24.43 | 24.45 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.37 | 24.36 | 24.19 | |
| 20 | QPSK | 1 | 104 | 24.33 | 24.28 | 24.02 | |
| 20 | QPSK | 50 | 0 | 23.95 | 23.76 | 23.85 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.52 | 24.41 | 24.31 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.84 | 23.76 | 23.63 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.85 | 23.83 | 23.77 | |
| 20 | 16QAM | 1 | 1 | 23.41 | 23.38 | 23.53 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.46 | 22.24 | 22.23 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.79 | 20.58 | 20.53 | 21.2 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.39 | 24.43 | 24.29 | 25.7 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.31 | 24.42 | 24.36 | 25.7 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.43 | 24.43 | 24.26 | 25.7 |

## n25_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376500 | 381000 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.56 | 23.76 | 23.77 | 24.3 |
| 20 | PI/2 BPSK | 1 | 53 | 23.63 | 23.81 | 23.77 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.66 | 23.83 | 23.78 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.52 | 23.69 | 23.73 | 24.3 |
| 20 | PI/2 BPSK | 50 | 28 | 23.64 | 23.76 | 23.75 | 24.3 |
| 20 | PI/2 BPSK | 50 | 56 | 23.65 | 23.77 | 23.76 | 24.3 |
| 20 | PI/2 BPSK | 100 | 0 | 23.58 | 23.76 | 23.74 | |
| 20 | QPSK | 1 | 1 | 23.59 | 23.72 | 23.76 | 24.3 |
| 20 | QPSK | 1 | 53 | 23.60 | 23.78 | 23.78 | |
| 20 | QPSK | 1 | 104 | 23.61 | 23.80 | 23.73 | |
| 20 | QPSK | 50 | 0 | 23.55 | 23.71 | 23.77 | 24.3 |
| 20 | QPSK | 50 | 28 | 23.63 | 23.77 | 23.76 | 24.3 |
| 20 | QPSK | 50 | 56 | 23.64 | 23.77 | 23.69 | 24.3 |
| 20 | QPSK | 100 | 0 | 23.64 | 23.82 | 23.76 | |
| 20 | 16QAM | 1 | 1 | 23.51 | 23.63 | 23.75 | 24.3 |
| 20 | 64QAM | 1 | 1 | 22.39 | 22.60 | 22.64 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.36 | 20.52 | 20.56 | 21.2 |
| Channel | | | | 371500 | 376500 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.54 | 23.74 | 23.74 | 24.3 |
| Channel | | | | 371000 | 376500 | 382000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.56 | 23.71 | 23.70 | 24.3 |
| Channel | | | | 370500 | 376500 | 382500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.50 | 23.66 | 23.67 | 24.3 |

## n66_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.77 | 23.84 | 23.80 | 24.3 |
| 20 | PI/2 BPSK | 1 | 53 | 23.76 | 23.77 | 23.72 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.71 | 23.83 | 23.70 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.75 | 23.83 | 23.74 | 24.3 |
| 20 | PI/2 BPSK | 50 | 28 | 23.74 | 23.78 | 23.70 | 24.3 |
| 20 | PI/2 BPSK | 50 | 56 | 23.66 | 23.72 | 23.62 | 24.3 |
| 20 | PI/2 BPSK | 100 | 0 | 23.72 | 23.74 | 23.71 | |
| 20 | QPSK | 1 | 1 | 23.74 | 23.80 | 23.81 | 24.3 |
| 20 | QPSK | 1 | 53 | 23.75 | 23.83 | 23.76 | |
| 20 | QPSK | 1 | 104 | 23.74 | 23.72 | 23.65 | |
| 20 | QPSK | 50 | 0 | 23.73 | 23.80 | 23.76 | 24.3 |
| 20 | QPSK | 50 | 28 | 23.73 | 23.79 | 23.74 | 24.3 |
| 20 | QPSK | 50 | 56 | 23.70 | 23.73 | 23.67 | 24.3 |
| 20 | QPSK | 100 | 0 | 23.74 | 23.78 | 23.74 | |
| 20 | 16QAM | 1 | 1 | 23.73 | 23.72 | 23.80 | 24.3 |
| 20 | 64QAM | 1 | 1 | 22.66 | 22.59 | 22.67 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.53 | 20.53 | 20.60 | 21.2 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.72 | 23.74 | 23.74 | 24.3 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.68 | 23.79 | 23.70 | 24.3 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.75 | 23.75 | 23.75 | 24.3 |

## n2_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.89 | 23.89 | 23.95 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.87 | 23.96 | 23.92 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.93 | 23.99 | 23.91 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.37 | 23.32 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.86 | 23.93 | 23.91 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.34 | 23.40 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.34 | 23.44 | 23.40 | |
| 20 | QPSK | 1 | 1 | 23.75 | 23.86 | 23.87 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.72 | 23.93 | 23.85 | |
| 20 | QPSK | 1 | 104 | 23.76 | 23.92 | 23.80 | |
| 20 | QPSK | 50 | 0 | 22.79 | 22.83 | 22.93 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.83 | 23.97 | 23.94 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.88 | 22.98 | 22.90 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.93 | 22.99 | 22.90 | |
| 20 | 16QAM | 1 | 1 | 22.61 | 22.60 | 22.65 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.48 | 21.44 | 21.43 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.44 | 19.62 | 19.67 | 21.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.82 | 23.85 | 23.90 | 25.5 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.86 | 23.80 | 23.87 | 25.5 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.85 | 23.83 | 23.92 | 25.5 |

## n5_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.54 | 23.51 | 23.44 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.40 | 23.37 | 23.30 | |
| 20 | PI/2 BPSK | 1 | 104 | 22.83 | 22.16 | 22.00 | |
| 20 | PI/2 BPSK | 50 | 0 | 22.92 | 22.88 | 22.79 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 23.39 | 23.30 | 23.23 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.77 | 22.71 | 22.67 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.85 | 22.77 | 22.77 | |
| 20 | QPSK | 1 | 1 | 23.42 | 23.44 | 23.38 | 25.0 |
| 20 | QPSK | 1 | 53 | 23.33 | 23.29 | 23.22 | |
| 20 | QPSK | 1 | 104 | 22.84 | 22.15 | 21.99 | |
| 20 | QPSK | 50 | 0 | 22.40 | 22.36 | 22.32 | 24.0 |
| 20 | QPSK | 50 | 28 | 23.38 | 23.30 | 23.26 | 25.0 |
| 20 | QPSK | 50 | 56 | 22.30 | 22.23 | 22.14 | 24.0 |
| 20 | QPSK | 100 | 0 | 22.38 | 22.34 | 22.29 | |
| 20 | 16QAM | 1 | 1 | 22.58 | 22.54 | 22.47 | 24.0 |
| 20 | 64QAM | 1 | 1 | 20.98 | 20.93 | 20.85 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.14 | 19.08 | 18.94 | 20.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.44 | 23.49 | 23.36 | 25.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.53 | 23.49 | 23.34 | 25.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.49 | 23.43 | 23.34 | 25.0 |

## n12_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 141300 | 141500 | 141700 | |
| Frequency (MHz) | | | | 706.5 | 707.5 | 708.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 22.11 | 22.16 | 22.09 | 23.0 |
| 15 | PI/2 BPSK | 1 | 40 | 22.07 | 22.02 | 22.00 | |
| 15 | PI/2 BPSK | 1 | 77 | 21.91 | 21.90 | 21.85 | |
| 15 | PI/2 BPSK | 36 | 0 | 21.98 | 22.07 | 21.92 | 23.0 |
| 15 | PI/2 BPSK | 36 | 22 | 21.99 | 21.92 | 21.94 | 23.0 |
| 15 | PI/2 BPSK | 36 | 43 | 21.91 | 21.93 | 21.89 | 23.0 |
| 15 | PI/2 BPSK | 75 | 0 | 22.00 | 21.97 | 21.97 | |
| 15 | QPSK | 1 | 1 | 22.10 | 22.11 | 22.08 | 23.0 |
| 15 | QPSK | 1 | 40 | 21.94 | 22.05 | 22.06 | |
| 15 | QPSK | 1 | 77 | 21.96 | 21.90 | 21.92 | |
| 15 | QPSK | 36 | 0 | 21.98 | 22.01 | 21.96 | 23.0 |
| 15 | QPSK | 36 | 22 | 22.00 | 21.99 | 21.97 | 23.0 |
| 15 | QPSK | 36 | 43 | 21.94 | 21.88 | 21.90 | 23.0 |
| 15 | QPSK | 75 | 0 | 22.04 | 22.03 | 21.97 | |
| 15 | 16QAM | 1 | 1 | 22.03 | 22.02 | 22.01 | 23.0 |
| 15 | 64QAM | 1 | 1 | 21.21 | 21.24 | 21.18 | 22.5 |
| | 256QAM | 1 | 1 | 19.54 | 19.52 | 19.48 | 20.5 |
| Channel | | | | 140800 | 141500 | 142200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | PI/2 BPSK | 1 | 1 | 22.09 | 22.13 | 22.08 | 23.0 |
| Channel | | | | 140300 | 141500 | 142700 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 22.02 | 22.06 | 22.05 | 23.0 |

## n71_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 134600 | 136100 | 137600 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.48 | 23.43 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.43 | 23.36 | 23.28 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.29 | 23.23 | 23.00 | |
| 20 | PI/2 BPSK | 50 | 0 | 22.89 | 22.80 | 22.71 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 23.38 | 23.30 | 23.14 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.84 | 22.65 | 22.52 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.89 | 22.79 | 22.63 | |
| 20 | QPSK | 1 | 1 | 23.34 | 23.34 | 23.37 | 25.0 |
| 20 | QPSK | 1 | 53 | 23.21 | 23.29 | 23.13 | |
| 20 | QPSK | 1 | 104 | 23.24 | 23.15 | 22.86 | |
| 20 | QPSK | 50 | 0 | 22.64 | 22.47 | 22.49 | 24.0 |
| 20 | QPSK | 50 | 28 | 23.40 | 23.28 | 23.17 | 25.0 |
| 20 | QPSK | 50 | 56 | 22.49 | 22.42 | 22.22 | 24.0 |
| 20 | QPSK | 100 | 0 | 22.57 | 22.48 | 22.42 | |
| 20 | 16QAM | 1 | 1 | 22.47 | 22.62 | 22.57 | 24.0 |
| 20 | 64QAM | 1 | 1 | 21.19 | 21.03 | 20.91 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.27 | 19.05 | 19.02 | 20.5 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.45 | 23.38 | 23.34 | 25.0 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.38 | 23.35 | 23.41 | 25.0 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.40 | 23.37 | 23.35 | 25.0 |

## n25_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376500 | 381000 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.74 | 23.78 | 23.82 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.70 | 23.83 | 23.77 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.82 | 23.83 | 23.79 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.22 | 23.32 | 23.29 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.66 | 23.81 | 23.76 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.22 | 23.38 | 23.24 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.17 | 23.31 | 23.27 | |
| 20 | QPSK | 1 | 1 | 23.61 | 23.76 | 23.79 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.62 | 23.76 | 23.71 | |
| 20 | QPSK | 1 | 104 | 23.60 | 23.76 | 23.73 | |
| 20 | QPSK | 50 | 0 | 22.64 | 22.83 | 22.82 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.72 | 23.82 | 23.77 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.72 | 22.77 | 22.76 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.73 | 22.88 | 22.82 | |
| 20 | 16QAM | 1 | 1 | 22.45 | 22.53 | 22.54 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.36 | 21.43 | 21.30 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.31 | 19.50 | 19.58 | 21.0 |
| Channel | | | | 371500 | 376500 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.72 | 23.78 | 23.81 | 25.5 |
| Channel | | | | 371000 | 376500 | 382000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.70 | 23.71 | 23.81 | 25.5 |
| Channel | | | | 370500 | 376500 | 382500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.73 | 23.72 | 23.79 | 25.5 |

## n66_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.85 | 23.87 | 23.84 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.76 | 23.83 | 23.75 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.76 | 23.86 | 23.70 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.29 | 23.33 | 23.31 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.72 | 23.78 | 23.73 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.28 | 23.23 | 23.15 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.26 | 23.26 | 23.27 | |
| 20 | QPSK | 1 | 1 | 23.71 | 23.70 | 23.76 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.69 | 23.74 | 23.70 | |
| 20 | QPSK | 1 | 104 | 23.69 | 23.77 | 23.63 | |
| 20 | QPSK | 50 | 0 | 22.75 | 22.82 | 22.81 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.77 | 23.78 | 23.76 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.80 | 22.76 | 22.69 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.79 | 22.84 | 22.77 | |
| 20 | 16QAM | 1 | 1 | 22.54 | 22.48 | 22.48 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.34 | 21.28 | 21.23 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.52 | 19.48 | 19.58 | 21.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.77 | 23.80 | 23.83 | 25.5 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.81 | 23.77 | 23.83 | 25.5 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.79 | 23.85 | 23.82 | 25.5 |

## n2_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.77 | 23.72 | 23.86 | 24.7 |
| 20 | PI/2 BPSK | 1 | 53 | 23.78 | 23.87 | 23.87 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.86 | 23.93 | 23.88 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.76 | 23.74 | 23.81 | 24.7 |
| 20 | PI/2 BPSK | 50 | 28 | 23.78 | 23.84 | 23.85 | 24.7 |
| 20 | PI/2 BPSK | 50 | 56 | 23.79 | 23.89 | 23.86 | 24.7 |
| 20 | PI/2 BPSK | 100 | 0 | 23.75 | 23.84 | 23.81 | |
| 20 | QPSK | 1 | 1 | 23.85 | 23.82 | 23.89 | 24.7 |
| 20 | QPSK | 1 | 53 | 23.81 | 23.91 | 23.86 | |
| 20 | QPSK | 1 | 104 | 23.83 | 23.92 | 23.81 | |
| 20 | QPSK | 50 | 0 | 23.80 | 23.79 | 23.85 | 24.7 |
| 20 | QPSK | 50 | 28 | 23.80 | 23.90 | 23.85 | 24.7 |
| 20 | QPSK | 50 | 56 | 23.74 | 23.87 | 23.86 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.76 | 23.91 | 23.84 | |
| 20 | 16QAM | 1 | 1 | 23.73 | 23.69 | 23.80 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.61 | 22.58 | 22.71 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.55 | 20.56 | 20.62 | 21.2 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.72 | 23.63 | 23.77 | 24.7 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.77 | 23.66 | 23.83 | 24.7 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.72 | 23.72 | 23.81 | 24.7 |

## n5_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.29 | 24.24 | 24.17 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.13 | 24.15 | 24.06 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.96 | 23.37 | 23.10 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.70 | 23.63 | 23.60 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.12 | 24.09 | 24.06 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.57 | 23.51 | 23.48 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 23.66 | 23.56 | 23.52 | |
| 20 | QPSK | 1 | 1 | 24.28 | 24.21 | 24.16 | 25.0 |
| 20 | QPSK | 1 | 53 | 24.13 | 24.10 | 24.04 | |
| 20 | QPSK | 1 | 104 | 23.99 | 23.91 | 23.40 | |
| 20 | QPSK | 50 | 0 | 23.19 | 23.20 | 23.11 | 24.0 |
| 20 | QPSK | 50 | 28 | 24.15 | 24.12 | 24.09 | 25.0 |
| 20 | QPSK | 50 | 56 | 23.07 | 23.04 | 22.97 | 24.0 |
| 20 | QPSK | 100 | 0 | 23.17 | 23.14 | 23.11 | |
| 20 | 16QAM | 1 | 1 | 22.92 | 22.83 | 22.78 | 24.0 |
| 20 | 64QAM | 1 | 1 | 21.88 | 21.80 | 21.75 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.97 | 19.88 | 19.77 | 20.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.25 | 24.24 | 24.16 | 25.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.26 | 24.08 | 24.18 | 25.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.22 | 24.04 | 24.10 | 25.0 |

## n12_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 141300 | 141500 | 141700 | |
| Frequency (MHz) | | | | 706.5 | 707.5 | 708.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.91 | 23.91 | 23.87 | 24.7 |
| 15 | PI/2 BPSK | 1 | 40 | 23.77 | 23.72 | 23.71 | |
| 15 | PI/2 BPSK | 1 | 77 | 23.65 | 23.64 | 23.62 | |
| 15 | PI/2 BPSK | 36 | 0 | 23.25 | 23.29 | 23.26 | 24.2 |
| 15 | PI/2 BPSK | 36 | 22 | 23.70 | 23.67 | 23.62 | 24.7 |
| 15 | PI/2 BPSK | 36 | 43 | 23.16 | 23.08 | 23.10 | 24.2 |
| 15 | PI/2 BPSK | 75 | 0 | 23.22 | 23.23 | 23.19 | |
| 15 | QPSK | 1 | 1 | 23.78 | 23.86 | 23.72 | 24.7 |
| 15 | QPSK | 1 | 40 | 23.71 | 23.71 | 23.70 | |
| 15 | QPSK | 1 | 77 | 23.61 | 23.56 | 23.56 | |
| 15 | QPSK | 36 | 0 | 22.77 | 22.79 | 22.72 | 23.7 |
| 15 | QPSK | 36 | 22 | 23.65 | 23.65 | 23.60 | 24.7 |
| 15 | QPSK | 36 | 43 | 22.72 | 22.67 | 22.65 | 23.7 |
| 15 | QPSK | 75 | 0 | 22.72 | 22.67 | 22.70 | |
| 15 | 16QAM | 1 | 1 | 22.52 | 22.46 | 22.44 | 23.7 |
| 15 | 64QAM | 1 | 1 | 21.32 | 21.23 | 21.22 | 22.2 |
| 15 | 256QAM | 1 | 1 | 19.66 | 19.62 | 19.61 | 20.2 |
| Channel | | | | 140800 | 141500 | 142200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.81 | 23.65 | 23.77 | 24.7 |
| Channel | | | | 140300 | 141500 | 142700 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.72 | 23.65 | 23.81 | 24.7 |

## n71_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 134600 | 136100 | 137600 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.45 | 24.40 | 24.41 | 25.7 |
| 20 | PI/2 BPSK | 1 | 53 | 24.53 | 24.44 | 24.43 | |
| 20 | PI/2 BPSK | 1 | 104 | 24.39 | 24.36 | 24.23 | |
| 20 | PI/2 BPSK | 50 | 0 | 24.32 | 24.14 | 24.11 | 25.2 |
| 20 | PI/2 BPSK | 50 | 28 | 24.28 | 24.44 | 24.28 | 25.7 |
| 20 | PI/2 BPSK | 50 | 56 | 24.19 | 24.07 | 23.91 | 25.2 |
| 20 | PI/2 BPSK | 100 | 0 | 24.17 | 24.17 | 23.98 | |
| 20 | QPSK | 1 | 1 | 24.52 | 24.43 | 24.45 | 25.7 |
| 20 | QPSK | 1 | 53 | 24.37 | 24.36 | 24.19 | |
| 20 | QPSK | 1 | 104 | 24.33 | 24.28 | 24.02 | |
| 20 | QPSK | 50 | 0 | 23.95 | 23.76 | 23.85 | 24.7 |
| 20 | QPSK | 50 | 28 | 24.52 | 24.41 | 24.31 | 25.7 |
| 20 | QPSK | 50 | 56 | 23.84 | 23.76 | 23.63 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.85 | 23.83 | 23.77 | |
| 20 | 16QAM | 1 | 1 | 23.41 | 23.38 | 23.53 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.46 | 22.24 | 22.23 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.79 | 20.58 | 20.53 | 21.2 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 24.39 | 24.43 | 24.29 | 25.7 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | PI/2 BPSK | 1 | 1 | 24.31 | 24.42 | 24.36 | 25.7 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 24.43 | 24.43 | 24.26 | 25.7 |

## n25_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376500 | 381000 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.56 | 23.76 | 23.77 | 24.7 |
| 20 | PI/2 BPSK | 1 | 53 | 23.63 | 23.81 | 23.77 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.66 | 23.83 | 23.78 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.52 | 23.69 | 23.73 | 24.7 |
| 20 | PI/2 BPSK | 50 | 28 | 23.64 | 23.76 | 23.75 | 24.7 |
| 20 | PI/2 BPSK | 50 | 56 | 23.65 | 23.77 | 23.76 | 24.7 |
| 20 | PI/2 BPSK | 100 | 0 | 23.58 | 23.76 | 23.74 | |
| 20 | QPSK | 1 | 1 | 23.59 | 23.72 | 23.76 | 24.7 |
| 20 | QPSK | 1 | 53 | 23.60 | 23.78 | 23.78 | |
| 20 | QPSK | 1 | 104 | 23.61 | 23.80 | 23.73 | |
| 20 | QPSK | 50 | 0 | 23.55 | 23.71 | 23.77 | 24.7 |
| 20 | QPSK | 50 | 28 | 23.63 | 23.77 | 23.76 | 24.7 |
| 20 | QPSK | 50 | 56 | 23.64 | 23.77 | 23.69 | 24.7 |
| 20 | QPSK | 100 | 0 | 23.64 | 23.82 | 23.76 | |
| 20 | 16QAM | 1 | 1 | 23.51 | 23.63 | 23.75 | 24.7 |
| 20 | 64QAM | 1 | 1 | 22.39 | 22.60 | 22.64 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.36 | 20.52 | 20.56 | 21.2 |
| Channel | | | | 371500 | 376500 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.54 | 23.74 | 23.74 | 24.7 |
| Channel | | | | 371000 | 376500 | 382000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.56 | 23.71 | 23.70 | 24.7 |
| Channel | | | | 370500 | 376500 | 382500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.50 | 23.66 | 23.67 | 24.7 |

| n66_Ant 2 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.77 | 23.84 | 23.80 | 24.3 |
| 20 | PI/2 BPSK | 1 | 53 | 23.76 | 23.77 | 23.72 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.71 | 23.83 | 23.70 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.75 | 23.83 | 23.74 | 24.3 |
| 20 | PI/2 BPSK | 50 | 28 | 23.74 | 23.78 | 23.70 | 24.3 |
| 20 | PI/2 BPSK | 50 | 56 | 23.66 | 23.72 | 23.62 | 24.3 |
| 20 | PI/2 BPSK | 100 | 0 | 23.72 | 23.74 | 23.71 | |
| 20 | QPSK | 1 | 1 | 23.74 | 23.80 | 23.81 | 24.3 |
| 20 | QPSK | 1 | 53 | 23.75 | 23.83 | 23.76 | |
| 20 | QPSK | 1 | 104 | 23.74 | 23.72 | 23.65 | |
| 20 | QPSK | 50 | 0 | 23.73 | 23.80 | 23.76 | 24.3 |
| 20 | QPSK | 50 | 28 | 23.73 | 23.79 | 23.74 | 24.3 |
| 20 | QPSK | 50 | 56 | 23.70 | 23.73 | 23.67 | 24.3 |
| 20 | QPSK | 100 | 0 | 23.74 | 23.78 | 23.74 | |
| 20 | 16QAM | 1 | 1 | 23.73 | 23.72 | 23.80 | 24.3 |
| 20 | 64QAM | 1 | 1 | 22.66 | 22.59 | 22.67 | 23.2 |
| 20 | 256QAM | 1 | 1 | 20.53 | 20.53 | 20.60 | 21.2 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.72 | 23.74 | 23.74 | 24.3 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.68 | 23.79 | 23.70 | 24.3 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.75 | 23.75 | 23.75 | 24.3 |

## n2_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376000 | 380000 | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.89 | 23.89 | 23.95 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.87 | 23.96 | 23.92 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.93 | 23.99 | 23.91 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.37 | 23.32 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.86 | 23.93 | 23.91 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.34 | 23.40 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.34 | 23.44 | 23.40 | |
| 20 | QPSK | 1 | 1 | 23.75 | 23.86 | 23.87 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.72 | 23.93 | 23.85 | |
| 20 | QPSK | 1 | 104 | 23.76 | 23.92 | 23.80 | |
| 20 | QPSK | 50 | 0 | 22.79 | 22.83 | 22.93 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.83 | 23.97 | 23.94 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.88 | 22.98 | 22.90 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.93 | 22.99 | 22.90 | |
| 20 | 16QAM | 1 | 1 | 22.61 | 22.60 | 22.65 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.48 | 21.44 | 21.43 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.44 | 19.62 | 19.67 | 21.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.82 | 23.85 | 23.90 | 25.5 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.86 | 23.80 | 23.87 | 25.5 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.85 | 23.83 | 23.92 | 25.5 |

## n5_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 167300 | 167800 | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.54 | 23.51 | 23.44 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.40 | 23.37 | 23.30 | |
| 20 | PI/2 BPSK | 1 | 104 | 22.83 | 22.16 | 22.00 | |
| 20 | PI/2 BPSK | 50 | 0 | 22.92 | 22.88 | 22.79 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 23.39 | 23.30 | 23.23 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.77 | 22.71 | 22.67 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.85 | 22.77 | 22.77 | |
| 20 | QPSK | 1 | 1 | 23.42 | 23.44 | 23.38 | 25.0 |
| 20 | QPSK | 1 | 53 | 23.33 | 23.29 | 23.22 | |
| 20 | QPSK | 1 | 104 | 22.84 | 22.15 | 21.99 | |
| 20 | QPSK | 50 | 0 | 22.40 | 22.36 | 22.32 | 24.0 |
| 20 | QPSK | 50 | 28 | 23.38 | 23.30 | 23.26 | 25.0 |
| 20 | QPSK | 50 | 56 | 22.30 | 22.23 | 22.14 | 24.0 |
| 20 | QPSK | 100 | 0 | 22.38 | 22.34 | 22.29 | |
| 20 | 16QAM | 1 | 1 | 22.58 | 22.54 | 22.47 | 24.0 |
| 20 | 64QAM | 1 | 1 | 20.98 | 20.93 | 20.85 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.14 | 19.08 | 18.94 | 20.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.44 | 23.49 | 23.36 | 25.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.53 | 23.49 | 23.34 | 25.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.49 | 23.43 | 23.34 | 25.0 |

## n12_Ant 1

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 141300 | 141500 | 141700 | |
| Frequency (MHz) | | | | 706.5 | 707.5 | 708.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 22.11 | 22.16 | 22.09 | 23.0 |
| 15 | PI/2 BPSK | 1 | 40 | 22.07 | 22.02 | 22.00 | |
| 15 | PI/2 BPSK | 1 | 77 | 21.91 | 21.90 | 21.85 | |
| 15 | PI/2 BPSK | 36 | 0 | 21.98 | 22.07 | 21.92 | 23.0 |
| 15 | PI/2 BPSK | 36 | 22 | 21.99 | 21.92 | 21.94 | 23.0 |
| 15 | PI/2 BPSK | 36 | 43 | 21.91 | 21.93 | 21.89 | 23.0 |
| 15 | PI/2 BPSK | 75 | 0 | 22.00 | 21.97 | 21.97 | |
| 15 | QPSK | 1 | 1 | 22.10 | 22.11 | 22.08 | 23.0 |
| 15 | QPSK | 1 | 40 | 21.94 | 22.05 | 22.06 | |
| 15 | QPSK | 1 | 77 | 21.96 | 21.90 | 21.92 | |
| 15 | QPSK | 36 | 0 | 21.98 | 22.01 | 21.96 | 23.0 |
| 15 | QPSK | 36 | 22 | 22.00 | 21.99 | 21.97 | 23.0 |
| 15 | QPSK | 36 | 43 | 21.94 | 21.88 | 21.90 | 23.0 |
| 15 | QPSK | 75 | 0 | 22.04 | 22.03 | 21.97 | |
| 15 | 16QAM | 1 | 1 | 22.03 | 22.02 | 22.01 | 23.0 |
| 15 | 64QAM | 1 | 1 | 21.21 | 21.24 | 21.18 | 22.5 |
| | 256QAM | 1 | 1 | 19.54 | 19.52 | 19.48 | 20.5 |
| Channel | | | | 140800 | 141500 | 142200 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | |
| 10 | PI/2 BPSK | 1 | 1 | 22.09 | 22.13 | 22.08 | 23.0 |
| Channel | | | | 140300 | 141500 | 142700 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 22.02 | 22.06 | 22.05 | 23.0 |

| n71_Ant 1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 134600 | 136100 | 137600 | |
| Frequency (MHz) | | | | 673 | 680.5 | 688 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.48 | 23.43 | 23.41 | 25.0 |
| 20 | PI/2 BPSK | 1 | 53 | 23.43 | 23.36 | 23.28 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.29 | 23.23 | 23.00 | |
| 20 | PI/2 BPSK | 50 | 0 | 22.89 | 22.80 | 22.71 | 24.5 |
| 20 | PI/2 BPSK | 50 | 28 | 23.38 | 23.30 | 23.14 | 25.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.84 | 22.65 | 22.52 | 24.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.89 | 22.79 | 22.63 | |
| 20 | QPSK | 1 | 1 | 23.34 | 23.34 | 23.37 | 25.0 |
| 20 | QPSK | 1 | 53 | 23.21 | 23.29 | 23.13 | |
| 20 | QPSK | 1 | 104 | 23.24 | 23.15 | 22.86 | |
| 20 | QPSK | 50 | 0 | 22.64 | 22.47 | 22.49 | 24.0 |
| 20 | QPSK | 50 | 28 | 23.40 | 23.28 | 23.17 | 25.0 |
| 20 | QPSK | 50 | 56 | 22.49 | 22.42 | 22.22 | 24.0 |
| 20 | QPSK | 100 | 0 | 22.57 | 22.48 | 22.42 | |
| 20 | 16QAM | 1 | 1 | 22.47 | 22.62 | 22.57 | 24.0 |
| 20 | 64QAM | 1 | 1 | 21.19 | 21.03 | 20.91 | 22.5 |
| 20 | 256QAM | 1 | 1 | 19.27 | 19.05 | 19.02 | 20.5 |
| Channel | | | | 134100 | 136100 | 138100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.45 | 23.38 | 23.34 | 25.0 |
| Channel | | | | 133600 | 136100 | 138600 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 668 | 680.5 | 693 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.38 | 23.35 | 23.41 | 25.0 |
| Channel | | | | 133100 | 136100 | 139100 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.40 | 23.37 | 23.35 | 25.0 |

## n25_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 376500 | 381000 | |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.74 | 23.78 | 23.82 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.70 | 23.83 | 23.77 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.82 | 23.83 | 23.79 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.22 | 23.32 | 23.29 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.66 | 23.81 | 23.76 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.22 | 23.38 | 23.24 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.17 | 23.31 | 23.27 | |
| 20 | QPSK | 1 | 1 | 23.61 | 23.76 | 23.79 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.62 | 23.76 | 23.71 | |
| 20 | QPSK | 1 | 104 | 23.60 | 23.76 | 23.73 | |
| 20 | QPSK | 50 | 0 | 22.64 | 22.83 | 22.82 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.72 | 23.82 | 23.77 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.72 | 22.77 | 22.76 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.73 | 22.88 | 22.82 | |
| 20 | 16QAM | 1 | 1 | 22.45 | 22.53 | 22.54 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.36 | 21.43 | 21.30 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.31 | 19.50 | 19.58 | 21.0 |
| Channel | | | | 371500 | 376500 | 381500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.72 | 23.78 | 23.81 | 25.5 |
| Channel | | | | 371000 | 376500 | 382000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.70 | 23.71 | 23.81 | 25.5 |
| Channel | | | | 370500 | 376500 | 382500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.73 | 23.72 | 23.79 | 25.5 |

## n66_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 344000 | 349000 | 354000 | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.85 | 23.87 | 23.84 | 25.5 |
| 20 | PI/2 BPSK | 1 | 53 | 23.76 | 23.83 | 23.75 | |
| 20 | PI/2 BPSK | 1 | 104 | 23.76 | 23.86 | 23.70 | |
| 20 | PI/2 BPSK | 50 | 0 | 23.29 | 23.33 | 23.31 | 25.0 |
| 20 | PI/2 BPSK | 50 | 28 | 23.72 | 23.78 | 23.73 | 25.5 |
| 20 | PI/2 BPSK | 50 | 56 | 23.28 | 23.23 | 23.15 | 25.0 |
| 20 | PI/2 BPSK | 100 | 0 | 23.26 | 23.26 | 23.27 | |
| 20 | QPSK | 1 | 1 | 23.71 | 23.70 | 23.76 | 25.5 |
| 20 | QPSK | 1 | 53 | 23.69 | 23.74 | 23.70 | |
| 20 | QPSK | 1 | 104 | 23.69 | 23.77 | 23.63 | |
| 20 | QPSK | 50 | 0 | 22.75 | 22.82 | 22.81 | 24.5 |
| 20 | QPSK | 50 | 28 | 23.77 | 23.78 | 23.76 | 25.5 |
| 20 | QPSK | 50 | 56 | 22.80 | 22.76 | 22.69 | 24.5 |
| 20 | QPSK | 100 | 0 | 22.79 | 22.84 | 22.77 | |
| 20 | 16QAM | 1 | 1 | 22.54 | 22.48 | 22.48 | 24.5 |
| 20 | 64QAM | 1 | 1 | 21.34 | 21.28 | 21.23 | 23.0 |
| 20 | 256QAM | 1 | 1 | 19.52 | 19.48 | 19.58 | 21.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | |
| 15 | PI/2 BPSK | 1 | 1 | 23.77 | 23.80 | 23.83 | 25.5 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | |
| 10 | PI/2 BPSK | 1 | 1 | 23.81 | 23.77 | 23.83 | 25.5 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | |
| 5 | PI/2 BPSK | 1 | 1 | 23.79 | 23.85 | 23.82 | 25.5 |

## n41_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.64 | 24.69 | 24.59 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 24.76 | 24.70 | 24.66 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.67 | 24.61 | 24.56 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.15 | 24.16 | 24.00 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 24.65 | 24.63 | 24.58 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.25 | 24.10 | 24.02 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 24.20 | 24.12 | 24.09 | |
| 100 | QPSK | 1 | 1 | 24.72 | 24.63 | 24.64 | 25.7 |
| 100 | QPSK | 1 | 137 | 24.76 | 24.56 | 24.64 | |
| 100 | QPSK | 1 | 271 | 24.67 | 24.59 | 24.57 | |
| 100 | QPSK | 135 | 0 | 23.67 | 23.66 | 23.49 | 25.7 |
| 100 | QPSK | 135 | 69 | 24.63 | 24.54 | 24.57 | |
| 100 | QPSK | 135 | 138 | 23.65 | 23.51 | 23.55 | |
| 100 | QPSK | 270 | 0 | 23.69 | 23.62 | 23.55 | 24.7 |
| 100 | 16QAM | 1 | 1 | 23.79 | 23.88 | 23.74 | 24.7 |
| 100 | 64QAM | 1 | 1 | 22.29 | 22.36 | 22.28 | 23.2 |
| 100 | 256QAM | 1 | 1 | 20.38 | 20.39 | 20.28 | 21.2 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.60 | 24.53 | 24.49 | 25.7 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.64 | 24.61 | 24.59 | 25.7 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.58 | 24.59 | 24.60 | 25.7 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.60 | 24.64 | 24.52 | 25.7 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.60 | 24.61 | 24.55 | 25.7 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.54 | 24.51 | 24.55 | 25.7 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.39 | 24.51 | 24.44 | 25.7 |

## n41_HPUE PC2_Ant 5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 26.07 | 26.76 | 25.88 | 27.5 |
| 100 | PI/2 BPSK | 1 | 137 | 26.03 | 26.04 | 25.78 | |
| 100 | PI/2 BPSK | 1 | 271 | 26.50 | 26.59 | 26.58 | |
| 100 | PI/2 BPSK | 135 | 0 | 26.08 | 26.10 | 26.08 | 27.0 |
| 100 | PI/2 BPSK | 135 | 69 | 26.15 | 26.34 | 26.20 | 27.5 |
| 100 | PI/2 BPSK | 135 | 138 | 26.33 | 26.33 | 23.30 | 27.0 |
| 100 | PI/2 BPSK | 270 | 0 | 26.27 | 26.33 | 26.26 | |
| 100 | QPSK | 1 | 1 | 26.65 | 26.75 | 26.66 | 27.5 |
| 100 | QPSK | 1 | 137 | 26.18 | 26.24 | 26.18 | |
| 100 | QPSK | 1 | 271 | 26.53 | 26.61 | 26.60 | |
| 100 | QPSK | 135 | 0 | 25.91 | 25.92 | 25.86 | 26.5 |
| 100 | QPSK | 135 | 69 | 26.12 | 26.12 | 26.04 | 27.5 |
| 100 | QPSK | 135 | 138 | 25.91 | 25.96 | 25.91 | 26.5 |
| 100 | QPSK | 270 | 0 | 25.84 | 25.92 | 25.84 | |
| 100 | 16QAM | 1 | 1 | 26.15 | 26.19 | 26.19 | 26.5 |
| 100 | 64QAM | 1 | 1 | 24.66 | 24.66 | 24.64 | 25.0 |
| 100 | 256QAM | 1 | 1 | 22.56 | 22.66 | 22.59 | 23.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 25.63 | 26.66 | 25.49 | 27.5 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 25.71 | 26.71 | 25.55 | 27.5 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 25.72 | 26.76 | 25.60 | 27.5 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 26.05 | 26.74 | 25.82 | 27.5 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.75 | 26.73 | 25.59 | 27.5 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 25.99 | 26.68 | 25.85 | 27.5 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.77 | 26.67 | 25.57 | 27.5 |

| n41 PC3_Ant 5 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 23.77 | 25.03 | 23.51 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 25.17 | 24.13 | 25.19 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.71 | 24.34 | 22.70 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.09 | 24.66 | 24.02 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 25.01 | 24.67 | 24.99 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.10 | 23.86 | 24.04 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 24.14 | 24.48 | 24.22 | |
| 100 | QPSK | 1 | 1 | 23.70 | 25.02 | 23.52 | 25.7 |
| 100 | QPSK | 1 | 137 | 25.01 | 24.10 | 25.15 | |
| 100 | QPSK | 1 | 271 | 23.73 | 24.26 | 23.70 | |
| 100 | QPSK | 135 | 0 | 23.59 | 24.20 | 23.44 | 24.7 |
| 100 | QPSK | 135 | 69 | 25.02 | 24.76 | 24.90 | 25.7 |
| 100 | QPSK | 135 | 138 | 23.57 | 23.51 | 24.00 | 24.7 |
| 100 | QPSK | 270 | 0 | 23.89 | 24.11 | 24.13 | |
| 100 | 16QAM | 1 | 1 | 22.77 | 23.91 | 22.71 | 24.7 |
| 100 | 64QAM | 1 | 1 | 21.23 | 22.21 | 21.20 | 23.2 |
| 100 | 256QAM | 1 | 1 | 19.32 | 20.58 | 19.21 | 21.2 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.87 | 24.99 | 24.88 | 25.7 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.84 | 25.01 | 24.94 | 25.7 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.74 | 24.77 | 24.70 | 25.7 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.74 | 24.78 | 24.73 | 25.7 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.03 | 24.01 | 24.07 | 25.7 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.03 | 24.00 | 23.99 | 25.7 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.11 | 24.16 | 24.10 | 25.7 |

| n77_Ant 7 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.50 | 24.23 | 24.30 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 24.57 | 24.32 | 24.52 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.57 | 24.47 | 24.58 | |
| 100 | PI/2 BPSK | 135 | 0 | 23.97 | 23.74 | 23.90 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 24.52 | 24.25 | 24.37 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.00 | 23.82 | 24.00 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 23.99 | 23.82 | 23.92 | |
| 100 | QPSK | 1 | 1 | 24.40 | 24.32 | 24.42 | 25.7 |
| 100 | QPSK | 1 | 137 | 24.45 | 24.27 | 24.43 | |
| 100 | QPSK | 1 | 271 | 24.52 | 24.41 | 24.52 | |
| 100 | QPSK | 135 | 0 | 23.49 | 23.23 | 23.38 | 24.7 |
| 100 | QPSK | 135 | 69 | 24.50 | 24.31 | 24.44 | 25.7 |
| 100 | QPSK | 135 | 138 | 23.53 | 23.28 | 23.38 | 24.7 |
| 100 | QPSK | 270 | 0 | 23.48 | 23.26 | 23.36 | |
| 100 | 16QAM | 1 | 1 | 23.65 | 23.39 | 23.58 | 24.7 |
| 100 | 64QAM | 1 | 1 | 22.05 | 21.95 | 22.14 | 23.2 |
| 100 | 256QAM | 1 | 1 | 20.01 | 19.82 | 20.01 | 21.2 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.46 | 24.22 | 24.26 | 25.7 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.49 | 24.20 | 24.26 | 25.7 |

## n77_HPUE_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 25.24 | 25.10 | 25.03 | 26.5 |
| 100 | PI/2 BPSK | 1 | 137 | 25.34 | 25.16 | 25.08 | |
| 100 | PI/2 BPSK | 1 | 271 | 25.47 | 25.26 | 25.21 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.74 | 24.58 | 24.48 | 26.0 |
| 100 | PI/2 BPSK | 135 | 69 | 25.30 | 25.11 | 25.03 | 26.5 |
| 100 | PI/2 BPSK | 135 | 138 | 24.80 | 24.64 | 24.60 | 26.0 |
| 100 | PI/2 BPSK | 270 | 0 | 24.76 | 24.56 | 24.51 | |
| 100 | QPSK | 1 | 1 | 25.29 | 25.08 | 25.00 | 26.5 |
| 100 | QPSK | 1 | 137 | 25.38 | 25.14 | 25.10 | |
| 100 | QPSK | 1 | 271 | 25.45 | 25.22 | 25.19 | |
| 100 | QPSK | 135 | 0 | 24.69 | 24.52 | 24.50 | 25.5 |
| 100 | QPSK | 135 | 69 | 25.25 | 25.05 | 24.98 | 26.5 |
| 100 | QPSK | 135 | 138 | 24.41 | 24.20 | 24.18 | 25.5 |
| 100 | QPSK | 270 | 0 | 24.27 | 24.08 | 24.04 | |
| 100 | 16QAM | 1 | 1 | 24.49 | 24.29 | 24.27 | 25.5 |
| 100 | 64QAM | 1 | 1 | 22.95 | 22.70 | 22.63 | 24.0 |
| 100 | 256QAM | 1 | 1 | 20.84 | 20.65 | 20.55 | 22.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.22 | 25.08 | 25.01 | 26.5 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.23 | 25.07 | 25.02 | 26.5 |

## n78_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.98 | | 25.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.98 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.00 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.42 | | 24.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.92 | | 25.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.42 | | 24.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.46 | | |
| 100 | QPSK | 1 | 1 | | 23.91 | | 25.0 |
| 100 | QPSK | 1 | 137 | | 23.91 | | |
| 100 | QPSK | 1 | 271 | | 23.95 | | |
| 100 | QPSK | 135 | 0 | | 22.84 | | 24.0 |
| 100 | QPSK | 135 | 69 | | 23.93 | | 25.0 |
| 100 | QPSK | 135 | 138 | | 22.92 | | 24.0 |
| 100 | QPSK | 270 | 0 | | 22.91 | | |
| 100 | 16QAM | 1 | 1 | | 22.64 | | 24.0 |
| 100 | 64QAM | 1 | 1 | | 21.23 | | 22.5 |
| 100 | 256QAM | 1 | 1 | | 19.55 | | 20.5 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 23.90 | 23.92 | 23.77 | 25.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 23.93 | 23.96 | 23.70 | 25.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 23.92 | 23.91 | 23.83 | 25.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 23.86 | 23.79 | 23.82 | 25.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 23.86 | 23.90 | 23.81 | 25.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 23.88 | 23.89 | 23.67 | 25.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.87 | 23.95 | 23.89 | 25.0 |

## n78_HPUE_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.42 | | 26.5 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.45 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 25.49 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.90 | | 26.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 25.42 | | 26.5 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.93 | | 26.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.92 | | |
| 100 | QPSK | 1 | 1 | | 25.44 | | 26.5 |
| 100 | QPSK | 1 | 137 | | 25.37 | | |
| 100 | QPSK | 1 | 271 | | 25.43 | | |
| 100 | QPSK | 135 | 0 | | 24.35 | | 25.5 |
| 100 | QPSK | 135 | 69 | | 25.35 | | 26.5 |
| 100 | QPSK | 135 | 138 | | 24.45 | | 25.5 |
| 100 | QPSK | 270 | 0 | | 24.41 | | |
| 100 | 16QAM | 1 | 1 | | 24.19 | | 25.5 |
| 100 | 64QAM | 1 | 1 | | 22.95 | | 24.0 |
| 100 | 256QAM | 1 | 1 | | 21.18 | | 22.0 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 25.38 | 25.40 | 25.36 | 26.5 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 25.44 | 25.38 | 25.41 | 26.5 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 25.37 | 25.43 | 25.41 | 26.5 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 25.42 | 25.39 | 25.26 | 26.5 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 25.43 | 25.44 | 25.47 | 26.5 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.33 | 25.38 | 25.36 | 26.5 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.32 | 25.32 | 25.46 | 26.5 |

## n41_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.76 | 24.70 | 24.68 | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | 24.71 | 24.68 | 24.68 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.64 | 24.80 | 24.78 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.74 | 24.58 | 24.55 | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | 24.71 | 24.60 | 24.54 | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | 24.63 | 24.60 | 24.55 | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | 24.70 | 24.64 | 24.61 | |
| 100 | QPSK | 1 | 1 | 24.76 | 24.67 | 24.58 | 25.5 |
| 100 | QPSK | 1 | 137 | 24.71 | 24.66 | 24.57 | |
| 100 | QPSK | 1 | 271 | 24.64 | 24.67 | 24.59 | |
| 100 | QPSK | 135 | 0 | 24.76 | 24.59 | 24.58 | 25.5 |
| 100 | QPSK | 135 | 69 | 24.70 | 24.55 | 24.50 | 25.5 |
| 100 | QPSK | 135 | 138 | 24.64 | 24.57 | 24.57 | 25.5 |
| 100 | QPSK | 270 | 0 | 24.71 | 24.66 | 24.60 | |
| 100 | 16QAM | 1 | 1 | 24.65 | 24.59 | 24.58 | 25.5 |
| 100 | 64QAM | 1 | 1 | 24.48 | 24.49 | 24.45 | 25.5 |
| 100 | 256QAM | 1 | 1 | 22.36 | 22.33 | 22.23 | 22.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.66 | 24.61 | 24.46 | 25.5 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.66 | 24.61 | 24.53 | 25.5 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.72 | 24.69 | 24.60 | 25.5 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.63 | 24.60 | 24.44 | 25.5 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.68 | 24.69 | 24.61 | 25.5 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.56 | 24.54 | 24.36 | 25.5 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.69 | 24.60 | 24.63 | 25.5 |

## n77_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 23.84 | 23.76 | 23.53 | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | 23.94 | 23.65 | 23.60 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.91 | 23.72 | 23.50 | |
| 100 | PI/2 BPSK | 135 | 0 | 23.30 | 23.09 | 23.00 | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | 23.85 | 23.55 | 23.56 | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | 23.38 | 23.16 | 23.01 | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | 23.37 | 23.07 | 23.04 | |
| 100 | QPSK | 1 | 1 | 23.79 | 23.57 | 23.36 | 25.5 |
| 100 | QPSK | 1 | 137 | 23.89 | 23.56 | 23.32 | |
| 100 | QPSK | 1 | 271 | 23.88 | 23.68 | 23.49 | |
| 100 | QPSK | 135 | 0 | 23.28 | 22.59 | 22.36 | 24.5 |
| 100 | QPSK | 135 | 69 | 23.83 | 23.55 | 23.49 | 25.5 |
| 100 | QPSK | 135 | 138 | 23.35 | 22.62 | 22.51 | 24.5 |
| 100 | QPSK | 270 | 0 | 23.35 | 22.64 | 22.56 | |
| 100 | 16QAM | 1 | 1 | 22.54 | 22.91 | 22.72 | 24.5 |
| 100 | 64QAM | 1 | 1 | 21.32 | 21.25 | 21.06 | 23.0 |
| 100 | 256QAM | 1 | 1 | 19.55 | 19.18 | 18.99 | 21.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.13 | 24.02 | 23.80 | 25.5 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.12 | 24.03 | 23.83 | 25.5 |

## n77_HPUE_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.72 | 24.64 | 24.43 | 26.0 |
| 100 | PI/2 BPSK | 1 | 137 | 24.80 | 24.53 | 24.49 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.84 | 24.59 | 24.40 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.23 | 24.03 | 23.92 | 25.5 |
| 100 | PI/2 BPSK | 135 | 69 | 24.77 | 24.48 | 24.30 | 26.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.28 | 24.07 | 24.05 | 25.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.23 | 23.97 | 23.93 | |
| 100 | QPSK | 1 | 1 | 24.67 | 24.47 | 24.30 | 26.0 |
| 100 | QPSK | 1 | 137 | 24.75 | 24.51 | 24.37 | |
| 100 | QPSK | 1 | 271 | 24.77 | 24.56 | 24.40 | |
| 100 | QPSK | 135 | 0 | 23.75 | 23.48 | 23.46 | 25.0 |
| 100 | QPSK | 135 | 69 | 24.74 | 24.50 | 24.43 | 26.0 |
| 100 | QPSK | 135 | 138 | 23.79 | 23.51 | 23.36 | 25.0 |
| 100 | QPSK | 270 | 0 | 23.79 | 23.45 | 23.38 | |
| 100 | 16QAM | 1 | 1 | 23.89 | 23.70 | 23.67 | 25.0 |
| 100 | 64QAM | 1 | 1 | 22.32 | 22.16 | 22.03 | 23.5 |
| 100 | 256QAM | 1 | 1 | 20.27 | 20.06 | 19.90 | 21.5 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.72 | 24.63 | 24.42 | 26.0 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.70 | 24.60 | 24.41 | 26.0 |

## n78_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.54 | | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.50 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 23.51 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.07 | | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.50 | | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.14 | | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.08 | | |
| 100 | QPSK | 1 | 1 | | 23.50 | | 25.5 |
| 100 | QPSK | 1 | 137 | | 23.51 | | |
| 100 | QPSK | 1 | 271 | | 23.50 | | |
| 100 | QPSK | 135 | 0 | | 22.56 | | 24.5 |
| 100 | QPSK | 135 | 69 | | 23.54 | | 25.5 |
| 100 | QPSK | 135 | 138 | | 22.62 | | 24.5 |
| 100 | QPSK | 270 | 0 | | 22.56 | | |
| 100 | 16QAM | 1 | 1 | | 22.39 | | 24.5 |
| 100 | 64QAM | 1 | 1 | | 21.13 | | 23.0 |
| 100 | 256QAM | 1 | 1 | | 19.34 | | 21.0 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 23.42 | 23.50 | 23.49 | 25.5 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 23.59 | 23.63 | 23.57 | 25.5 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 23.63 | 23.60 | 23.57 | 25.5 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 23.62 | 23.62 | 23.63 | 25.5 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 23.55 | 23.63 | 23.59 | 25.5 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 23.44 | 23.59 | 23.50 | 25.5 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.53 | 23.50 | 23.49 | 25.5 |

## n78_HPUE_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 24.91 | | 26.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 24.90 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.96 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.37 | | 25.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.87 | | 26.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.40 | | 25.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.40 | | |
| 100 | QPSK | 1 | 1 | | 24.93 | | 26.0 |
| 100 | QPSK | 1 | 137 | | 24.90 | | |
| 100 | QPSK | 1 | 271 | | 24.89 | | |
| 100 | QPSK | 135 | 0 | | 23.89 | | 25.0 |
| 100 | QPSK | 135 | 69 | | 24.87 | | 26.0 |
| 100 | QPSK | 135 | 138 | | 23.93 | | 25.0 |
| 100 | QPSK | 270 | 0 | | 23.86 | | |
| 100 | 16QAM | 1 | 1 | | 23.64 | | 25.0 |
| 100 | 64QAM | 1 | 1 | | 22.47 | | 23.5 |
| 100 | 256QAM | 1 | 1 | | 20.68 | | 21.5 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.90 | 24.91 | 24.89 | 26.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.88 | 24.88 | 24.90 | 26.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 24.86 | 24.86 | 24.82 | 26.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.90 | 24.90 | 24.86 | 26.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.81 | 24.90 | 24.85 | 26.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.86 | 24.86 | 24.79 | 26.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.83 | 24.91 | 24.87 | 26.0 |

## n41_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.64 | 24.69 | 24.59 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 24.76 | 24.70 | 24.66 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.67 | 24.61 | 24.56 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.15 | 24.16 | 24.00 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 24.65 | 24.63 | 24.58 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.25 | 24.10 | 24.02 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 24.20 | 24.12 | 24.09 | |
| 100 | QPSK | 1 | 1 | 24.72 | 24.63 | 24.64 | 25.7 |
| 100 | QPSK | 1 | 137 | 24.76 | 24.56 | 24.64 | |
| 100 | QPSK | 1 | 271 | 24.67 | 24.59 | 24.57 | |
| 100 | QPSK | 135 | 0 | 23.67 | 23.66 | 23.49 | 25.7 |
| 100 | QPSK | 135 | 69 | 24.63 | 24.54 | 24.57 | |
| 100 | QPSK | 135 | 138 | 23.65 | 23.51 | 23.55 | |
| 100 | QPSK | 270 | 0 | 23.69 | 23.62 | 23.55 | 24.7 |
| 100 | 16QAM | 1 | 1 | 23.79 | 23.88 | 23.74 | 24.7 |
| 100 | 64QAM | 1 | 1 | 22.29 | 22.36 | 22.28 | 23.2 |
| 100 | 256QAM | 1 | 1 | 20.38 | 20.39 | 20.28 | 21.2 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.60 | 24.53 | 24.49 | 25.7 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.64 | 24.61 | 24.59 | 25.7 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.58 | 24.59 | 24.60 | 25.7 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.60 | 24.64 | 24.52 | 25.7 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.60 | 24.61 | 24.55 | 25.7 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.54 | 24.51 | 24.55 | 25.7 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.39 | 24.51 | 24.44 | 25.7 |

## n41_HPUE PC2_Ant 5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 26.07 | 26.76 | 25.88 | 27.5 |
| 100 | PI/2 BPSK | 1 | 137 | 26.03 | 26.04 | 25.78 | |
| 100 | PI/2 BPSK | 1 | 271 | 26.50 | 26.59 | 26.58 | |
| 100 | PI/2 BPSK | 135 | 0 | 26.08 | 26.10 | 26.08 | 27.0 |
| 100 | PI/2 BPSK | 135 | 69 | 26.15 | 26.34 | 26.20 | 27.5 |
| 100 | PI/2 BPSK | 135 | 138 | 26.33 | 26.33 | 23.30 | 27.0 |
| 100 | PI/2 BPSK | 270 | 0 | 26.27 | 26.33 | 26.26 | |
| 100 | QPSK | 1 | 1 | 26.65 | 26.75 | 26.66 | 27.5 |
| 100 | QPSK | 1 | 137 | 26.18 | 26.24 | 26.18 | |
| 100 | QPSK | 1 | 271 | 26.53 | 26.61 | 26.60 | |
| 100 | QPSK | 135 | 0 | 25.91 | 25.92 | 25.86 | 26.5 |
| 100 | QPSK | 135 | 69 | 26.12 | 26.12 | 26.04 | 27.5 |
| 100 | QPSK | 135 | 138 | 25.91 | 25.96 | 25.91 | 26.5 |
| 100 | QPSK | 270 | 0 | 25.84 | 25.92 | 25.84 | |
| 100 | 16QAM | 1 | 1 | 26.15 | 26.19 | 26.19 | 26.5 |
| 100 | 64QAM | 1 | 1 | 24.66 | 24.66 | 24.64 | 25.0 |
| 100 | 256QAM | 1 | 1 | 22.56 | 22.66 | 22.59 | 23.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 25.63 | 26.66 | 25.49 | 27.5 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 25.71 | 26.71 | 25.55 | 27.5 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 25.72 | 26.76 | 25.60 | 27.5 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 26.05 | 26.74 | 25.82 | 27.5 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.75 | 26.73 | 25.59 | 27.5 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 25.99 | 26.68 | 25.85 | 27.5 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.77 | 26.67 | 25.57 | 27.5 |

| n41 PC3_Ant 5 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 23.77 | 25.03 | 23.51 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 25.17 | 24.13 | 25.19 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.71 | 24.34 | 22.70 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.09 | 24.66 | 24.02 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 25.01 | 24.67 | 24.99 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.10 | 23.86 | 24.04 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 24.14 | 24.48 | 24.22 | |
| 100 | QPSK | 1 | 1 | 23.70 | 25.02 | 23.52 | 25.7 |
| 100 | QPSK | 1 | 137 | 25.01 | 24.10 | 25.15 | |
| 100 | QPSK | 1 | 271 | 23.73 | 24.26 | 23.70 | |
| 100 | QPSK | 135 | 0 | 23.59 | 24.20 | 23.44 | 24.7 |
| 100 | QPSK | 135 | 69 | 25.02 | 24.76 | 24.90 | 25.7 |
| 100 | QPSK | 135 | 138 | 23.57 | 23.51 | 24.00 | 24.7 |
| 100 | QPSK | 270 | 0 | 23.89 | 24.11 | 24.13 | |
| 100 | 16QAM | 1 | 1 | 22.77 | 23.91 | 22.71 | 24.7 |
| 100 | 64QAM | 1 | 1 | 21.23 | 22.21 | 21.20 | 23.2 |
| 100 | 256QAM | 1 | 1 | 19.32 | 20.58 | 19.21 | 21.2 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.87 | 24.99 | 24.88 | 25.7 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.84 | 25.01 | 24.94 | 25.7 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.74 | 24.77 | 24.70 | 25.7 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.74 | 24.78 | 24.73 | 25.7 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.03 | 24.01 | 24.07 | 25.7 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.03 | 24.00 | 23.99 | 25.7 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.11 | 24.16 | 24.10 | 25.7 |

## n77_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.50 | 24.23 | 24.30 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 24.57 | 24.32 | 24.52 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.57 | 24.47 | 24.58 | |
| 100 | PI/2 BPSK | 135 | 0 | 23.97 | 23.74 | 23.90 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 24.52 | 24.25 | 24.37 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.00 | 23.82 | 24.00 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 23.99 | 23.82 | 23.92 | |
| 100 | QPSK | 1 | 1 | 24.40 | 24.32 | 24.42 | 25.7 |
| 100 | QPSK | 1 | 137 | 24.45 | 24.27 | 24.43 | |
| 100 | QPSK | 1 | 271 | 24.52 | 24.41 | 24.52 | |
| 100 | QPSK | 135 | 0 | 23.49 | 23.23 | 23.38 | 24.7 |
| 100 | QPSK | 135 | 69 | 24.50 | 24.31 | 24.44 | 25.7 |
| 100 | QPSK | 135 | 138 | 23.53 | 23.28 | 23.38 | 24.7 |
| 100 | QPSK | 270 | 0 | 23.48 | 23.26 | 23.36 | |
| 100 | 16QAM | 1 | 1 | 23.65 | 23.39 | 23.58 | 24.7 |
| 100 | 64QAM | 1 | 1 | 22.05 | 21.95 | 22.14 | 23.2 |
| 100 | 256QAM | 1 | 1 | 20.01 | 19.82 | 20.01 | 21.2 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.46 | 24.22 | 24.26 | 25.7 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.49 | 24.20 | 24.26 | 25.7 |

## n77_HPUE_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 25.24 | 25.10 | 25.03 | 26.5 |
| 100 | PI/2 BPSK | 1 | 137 | 25.34 | 25.16 | 25.08 | |
| 100 | PI/2 BPSK | 1 | 271 | 25.47 | 25.26 | 25.21 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.74 | 24.58 | 24.48 | 26.0 |
| 100 | PI/2 BPSK | 135 | 69 | 25.30 | 25.11 | 25.03 | 26.5 |
| 100 | PI/2 BPSK | 135 | 138 | 24.80 | 24.64 | 24.60 | 26.0 |
| 100 | PI/2 BPSK | 270 | 0 | 24.76 | 24.56 | 24.51 | |
| 100 | QPSK | 1 | 1 | 25.29 | 25.08 | 25.00 | 26.5 |
| 100 | QPSK | 1 | 137 | 25.38 | 25.14 | 25.10 | |
| 100 | QPSK | 1 | 271 | 25.45 | 25.22 | 25.19 | |
| 100 | QPSK | 135 | 0 | 24.69 | 24.52 | 24.50 | 25.5 |
| 100 | QPSK | 135 | 69 | 25.25 | 25.05 | 24.98 | 26.5 |
| 100 | QPSK | 135 | 138 | 24.41 | 24.20 | 24.18 | 25.5 |
| 100 | QPSK | 270 | 0 | 24.27 | 24.08 | 24.04 | |
| 100 | 16QAM | 1 | 1 | 24.49 | 24.29 | 24.27 | 25.5 |
| 100 | 64QAM | 1 | 1 | 22.95 | 22.70 | 22.63 | 24.0 |
| 100 | 256QAM | 1 | 1 | 20.84 | 20.65 | 20.55 | 22.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.22 | 25.08 | 25.01 | 26.5 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.23 | 25.07 | 25.02 | 26.5 |

## n78_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.98 | | 25.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.98 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.00 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.42 | | 24.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.92 | | 25.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.42 | | 24.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.46 | | |
| 100 | QPSK | 1 | 1 | | 23.91 | | 25.0 |
| 100 | QPSK | 1 | 137 | | 23.91 | | |
| 100 | QPSK | 1 | 271 | | 23.95 | | |
| 100 | QPSK | 135 | 0 | | 22.84 | | 24.0 |
| 100 | QPSK | 135 | 69 | | 23.93 | | 25.0 |
| 100 | QPSK | 135 | 138 | | 22.92 | | 24.0 |
| 100 | QPSK | 270 | 0 | | 22.91 | | |
| 100 | 16QAM | 1 | 1 | | 22.64 | | 24.0 |
| 100 | 64QAM | 1 | 1 | | 21.23 | | 22.5 |
| 100 | 256QAM | 1 | 1 | | 19.55 | | 20.5 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 23.90 | 23.92 | 23.77 | 25.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 23.93 | 23.96 | 23.70 | 25.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 23.92 | 23.91 | 23.83 | 25.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 23.86 | 23.79 | 23.82 | 25.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 23.86 | 23.90 | 23.81 | 25.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 23.88 | 23.89 | 23.67 | 25.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.87 | 23.95 | 23.89 | 25.0 |

## n78_HPUE_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.42 | | 26.5 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.45 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 25.49 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.90 | | 26.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 25.42 | | 26.5 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.93 | | 26.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.92 | | |
| 100 | QPSK | 1 | 1 | | 25.44 | | 26.5 |
| 100 | QPSK | 1 | 137 | | 25.37 | | |
| 100 | QPSK | 1 | 271 | | 25.43 | | |
| 100 | QPSK | 135 | 0 | | 24.35 | | 25.5 |
| 100 | QPSK | 135 | 69 | | 25.35 | | 26.5 |
| 100 | QPSK | 135 | 138 | | 24.45 | | 25.5 |
| 100 | QPSK | 270 | 0 | | 24.41 | | |
| 100 | 16QAM | 1 | 1 | | 24.19 | | 25.5 |
| 100 | 64QAM | 1 | 1 | | 22.95 | | 24.0 |
| 100 | 256QAM | 1 | 1 | | 21.18 | | 22.0 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 25.38 | 25.40 | 25.36 | 26.5 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 25.44 | 25.38 | 25.41 | 26.5 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 25.37 | 25.43 | 25.41 | 26.5 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 25.42 | 25.39 | 25.26 | 26.5 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 25.43 | 25.44 | 25.47 | 26.5 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.33 | 25.38 | 25.36 | 26.5 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.32 | 25.32 | 25.46 | 26.5 |

## n41_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.76 | 24.70 | 24.68 | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | 24.71 | 24.68 | 24.68 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.64 | 24.80 | 24.78 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.74 | 24.58 | 24.55 | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | 24.71 | 24.60 | 24.54 | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | 24.63 | 24.60 | 24.55 | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | 24.70 | 24.64 | 24.61 | |
| 100 | QPSK | 1 | 1 | 24.76 | 24.67 | 24.58 | 25.5 |
| 100 | QPSK | 1 | 137 | 24.71 | 24.66 | 24.57 | |
| 100 | QPSK | 1 | 271 | 24.64 | 24.67 | 24.59 | |
| 100 | QPSK | 135 | 0 | 24.76 | 24.59 | 24.58 | 25.5 |
| 100 | QPSK | 135 | 69 | 24.70 | 24.55 | 24.50 | 25.5 |
| 100 | QPSK | 135 | 138 | 24.64 | 24.57 | 24.57 | 25.5 |
| 100 | QPSK | 270 | 0 | 24.71 | 24.66 | 24.60 | |
| 100 | 16QAM | 1 | 1 | 24.65 | 24.59 | 24.58 | 25.5 |
| 100 | 64QAM | 1 | 1 | 24.48 | 24.49 | 24.45 | 25.5 |
| 100 | 256QAM | 1 | 1 | 22.36 | 22.33 | 22.23 | 22.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.66 | 24.61 | 24.46 | 25.5 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.66 | 24.61 | 24.53 | 25.5 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.72 | 24.69 | 24.60 | 25.5 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.63 | 24.60 | 24.44 | 25.5 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.68 | 24.69 | 24.61 | 25.5 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.56 | 24.54 | 24.36 | 25.5 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.69 | 24.60 | 24.63 | 25.5 |

## n77_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 23.84 | 23.76 | 23.53 | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | 23.94 | 23.65 | 23.60 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.91 | 23.72 | 23.50 | |
| 100 | PI/2 BPSK | 135 | 0 | 23.30 | 23.09 | 23.00 | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | 23.85 | 23.55 | 23.56 | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | 23.38 | 23.16 | 23.01 | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | 23.37 | 23.07 | 23.04 | |
| 100 | QPSK | 1 | 1 | 23.79 | 23.57 | 23.36 | 25.5 |
| 100 | QPSK | 1 | 137 | 23.89 | 23.56 | 23.32 | |
| 100 | QPSK | 1 | 271 | 23.88 | 23.68 | 23.49 | |
| 100 | QPSK | 135 | 0 | 23.28 | 22.59 | 22.36 | 24.5 |
| 100 | QPSK | 135 | 69 | 23.83 | 23.55 | 23.49 | 25.5 |
| 100 | QPSK | 135 | 138 | 23.35 | 22.62 | 22.51 | 24.5 |
| 100 | QPSK | 270 | 0 | 23.35 | 22.64 | 22.56 | |
| 100 | 16QAM | 1 | 1 | 22.54 | 22.91 | 22.72 | 24.5 |
| 100 | 64QAM | 1 | 1 | 21.32 | 21.25 | 21.06 | 23.0 |
| 100 | 256QAM | 1 | 1 | 19.55 | 19.18 | 18.99 | 21.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.13 | 24.02 | 23.80 | 25.5 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.12 | 24.03 | 23.83 | 25.5 |

## n77_HPUE_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.72 | 24.64 | 24.43 | 26.0 |
| 100 | PI/2 BPSK | 1 | 137 | 24.80 | 24.53 | 24.49 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.84 | 24.59 | 24.40 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.23 | 24.03 | 23.92 | 25.5 |
| 100 | PI/2 BPSK | 135 | 69 | 24.77 | 24.48 | 24.30 | 26.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.28 | 24.07 | 24.05 | 25.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.23 | 23.97 | 23.93 | |
| 100 | QPSK | 1 | 1 | 24.67 | 24.47 | 24.30 | 26.0 |
| 100 | QPSK | 1 | 137 | 24.75 | 24.51 | 24.37 | |
| 100 | QPSK | 1 | 271 | 24.77 | 24.56 | 24.40 | |
| 100 | QPSK | 135 | 0 | 23.75 | 23.48 | 23.46 | 25.0 |
| 100 | QPSK | 135 | 69 | 24.74 | 24.50 | 24.43 | 26.0 |
| 100 | QPSK | 135 | 138 | 23.79 | 23.51 | 23.36 | 25.0 |
| 100 | QPSK | 270 | 0 | 23.79 | 23.45 | 23.38 | |
| 100 | 16QAM | 1 | 1 | 23.89 | 23.70 | 23.67 | 25.0 |
| 100 | 64QAM | 1 | 1 | 22.32 | 22.16 | 22.03 | 23.5 |
| 100 | 256QAM | 1 | 1 | 20.27 | 20.06 | 19.90 | 21.5 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.72 | 24.63 | 24.42 | 26.0 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.70 | 24.60 | 24.41 | 26.0 |

## n78_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.54 | | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.50 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 23.51 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.07 | | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.50 | | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.14 | | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.08 | | |
| 100 | QPSK | 1 | 1 | | 23.50 | | 25.5 |
| 100 | QPSK | 1 | 137 | | 23.51 | | |
| 100 | QPSK | 1 | 271 | | 23.50 | | |
| 100 | QPSK | 135 | 0 | | 22.56 | | 24.5 |
| 100 | QPSK | 135 | 69 | | 23.54 | | 25.5 |
| 100 | QPSK | 135 | 138 | | 22.62 | | 24.5 |
| 100 | QPSK | 270 | 0 | | 22.56 | | |
| 100 | 16QAM | 1 | 1 | | 22.39 | | 24.5 |
| 100 | 64QAM | 1 | 1 | | 21.13 | | 23.0 |
| 100 | 256QAM | 1 | 1 | | 19.34 | | 21.0 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 23.42 | 23.50 | 23.49 | 25.5 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 23.59 | 23.63 | 23.57 | 25.5 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 23.63 | 23.60 | 23.57 | 25.5 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 23.62 | 23.62 | 23.63 | 25.5 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 23.55 | 23.63 | 23.59 | 25.5 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 23.44 | 23.59 | 23.50 | 25.5 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.53 | 23.50 | 23.49 | 25.5 |

## n78_HPUE_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 24.91 | | 26.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 24.90 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.96 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.37 | | 25.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.87 | | 26.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.40 | | 25.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.40 | | |
| 100 | QPSK | 1 | 1 | | 24.93 | | 26.0 |
| 100 | QPSK | 1 | 137 | | 24.90 | | |
| 100 | QPSK | 1 | 271 | | 24.89 | | |
| 100 | QPSK | 135 | 0 | | 23.89 | | 25.0 |
| 100 | QPSK | 135 | 69 | | 24.87 | | 26.0 |
| 100 | QPSK | 135 | 138 | | 23.93 | | 25.0 |
| 100 | QPSK | 270 | 0 | | 23.86 | | |
| 100 | 16QAM | 1 | 1 | | 23.64 | | 25.0 |
| 100 | 64QAM | 1 | 1 | | 22.47 | | 23.5 |
| 100 | 256QAM | 1 | 1 | | 20.68 | | 21.5 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.90 | 24.91 | 24.89 | 26.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.88 | 24.88 | 24.90 | 26.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 24.86 | 24.86 | 24.82 | 26.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.90 | 24.90 | 24.86 | 26.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.81 | 24.90 | 24.85 | 26.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.86 | 24.86 | 24.79 | 26.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.83 | 24.91 | 24.87 | 26.0 |

## n41_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.64 | 24.69 | 24.59 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 24.76 | 24.70 | 24.66 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.67 | 24.61 | 24.56 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.15 | 24.16 | 24.00 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 24.65 | 24.63 | 24.58 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.25 | 24.10 | 24.02 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 24.20 | 24.12 | 24.09 | |
| 100 | QPSK | 1 | 1 | 24.72 | 24.63 | 24.64 | 25.7 |
| 100 | QPSK | 1 | 137 | 24.76 | 24.56 | 24.64 | |
| 100 | QPSK | 1 | 271 | 24.67 | 24.59 | 24.57 | |
| 100 | QPSK | 135 | 0 | 23.67 | 23.66 | 23.49 | 25.7 |
| 100 | QPSK | 135 | 69 | 24.63 | 24.54 | 24.57 | |
| 100 | QPSK | 135 | 138 | 23.65 | 23.51 | 23.55 | |
| 100 | QPSK | 270 | 0 | 23.69 | 23.62 | 23.55 | 24.7 |
| 100 | 16QAM | 1 | 1 | 23.79 | 23.88 | 23.74 | 24.7 |
| 100 | 64QAM | 1 | 1 | 22.29 | 22.36 | 22.28 | 23.2 |
| 100 | 256QAM | 1 | 1 | 20.38 | 20.39 | 20.28 | 21.2 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.60 | 24.53 | 24.49 | 25.7 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.64 | 24.61 | 24.59 | 25.7 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.58 | 24.59 | 24.60 | 25.7 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.60 | 24.64 | 24.52 | 25.7 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.60 | 24.61 | 24.55 | 25.7 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.54 | 24.51 | 24.55 | 25.7 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.39 | 24.51 | 24.44 | 25.7 |

## n41_HPUE PC2_Ant 5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 26.07 | 26.76 | 25.88 | 27.5 |
| 100 | PI/2 BPSK | 1 | 137 | 26.03 | 26.04 | 25.78 | |
| 100 | PI/2 BPSK | 1 | 271 | 26.50 | 26.59 | 26.58 | |
| 100 | PI/2 BPSK | 135 | 0 | 26.08 | 26.10 | 26.08 | 27.0 |
| 100 | PI/2 BPSK | 135 | 69 | 26.15 | 26.34 | 26.20 | 27.5 |
| 100 | PI/2 BPSK | 135 | 138 | 26.33 | 26.33 | 23.30 | 27.0 |
| 100 | PI/2 BPSK | 270 | 0 | 26.27 | 26.33 | 26.26 | |
| 100 | QPSK | 1 | 1 | 26.65 | 26.75 | 26.66 | 27.5 |
| 100 | QPSK | 1 | 137 | 26.18 | 26.24 | 26.18 | |
| 100 | QPSK | 1 | 271 | 26.53 | 26.61 | 26.60 | |
| 100 | QPSK | 135 | 0 | 25.91 | 25.92 | 25.86 | 26.5 |
| 100 | QPSK | 135 | 69 | 26.12 | 26.12 | 26.04 | 27.5 |
| 100 | QPSK | 135 | 138 | 25.91 | 25.96 | 25.91 | 26.5 |
| 100 | QPSK | 270 | 0 | 25.84 | 25.92 | 25.84 | |
| 100 | 16QAM | 1 | 1 | 26.15 | 26.19 | 26.19 | 26.5 |
| 100 | 64QAM | 1 | 1 | 24.66 | 24.66 | 24.64 | 25.0 |
| 100 | 256QAM | 1 | 1 | 22.56 | 22.66 | 22.59 | 23.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 25.63 | 26.66 | 25.49 | 27.5 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 25.71 | 26.71 | 25.55 | 27.5 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 25.72 | 26.76 | 25.60 | 27.5 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 26.05 | 26.74 | 25.82 | 27.5 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.75 | 26.73 | 25.59 | 27.5 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 25.99 | 26.68 | 25.85 | 27.5 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.77 | 26.67 | 25.57 | 27.5 |

| n41 PC3_Ant 5 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 23.77 | 25.03 | 23.51 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 25.17 | 24.13 | 25.19 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.71 | 24.34 | 22.70 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.09 | 24.66 | 24.02 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 25.01 | 24.67 | 24.99 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.10 | 23.86 | 24.04 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 24.14 | 24.48 | 24.22 | |
| 100 | QPSK | 1 | 1 | 23.70 | 25.02 | 23.52 | 25.7 |
| 100 | QPSK | 1 | 137 | 25.01 | 24.10 | 25.15 | |
| 100 | QPSK | 1 | 271 | 23.73 | 24.26 | 23.70 | |
| 100 | QPSK | 135 | 0 | 23.59 | 24.20 | 23.44 | 24.7 |
| 100 | QPSK | 135 | 69 | 25.02 | 24.76 | 24.90 | 25.7 |
| 100 | QPSK | 135 | 138 | 23.57 | 23.51 | 24.00 | 24.7 |
| 100 | QPSK | 270 | 0 | 23.89 | 24.11 | 24.13 | |
| 100 | 16QAM | 1 | 1 | 22.77 | 23.91 | 22.71 | 24.7 |
| 100 | 64QAM | 1 | 1 | 21.23 | 22.21 | 21.20 | 23.2 |
| 100 | 256QAM | 1 | 1 | 19.32 | 20.58 | 19.21 | 21.2 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.87 | 24.99 | 24.88 | 25.7 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.84 | 25.01 | 24.94 | 25.7 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.74 | 24.77 | 24.70 | 25.7 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.74 | 24.78 | 24.73 | 25.7 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.03 | 24.01 | 24.07 | 25.7 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.03 | 24.00 | 23.99 | 25.7 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.11 | 24.16 | 24.10 | 25.7 |

## n77_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.50 | 24.23 | 24.30 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 24.57 | 24.32 | 24.52 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.57 | 24.47 | 24.58 | |
| 100 | PI/2 BPSK | 135 | 0 | 23.97 | 23.74 | 23.90 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 24.52 | 24.25 | 24.37 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.00 | 23.82 | 24.00 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 23.99 | 23.82 | 23.92 | |
| 100 | QPSK | 1 | 1 | 24.40 | 24.32 | 24.42 | 25.7 |
| 100 | QPSK | 1 | 137 | 24.45 | 24.27 | 24.43 | |
| 100 | QPSK | 1 | 271 | 24.52 | 24.41 | 24.52 | |
| 100 | QPSK | 135 | 0 | 23.49 | 23.23 | 23.38 | 24.7 |
| 100 | QPSK | 135 | 69 | 24.50 | 24.31 | 24.44 | 25.7 |
| 100 | QPSK | 135 | 138 | 23.53 | 23.28 | 23.38 | 24.7 |
| 100 | QPSK | 270 | 0 | 23.48 | 23.26 | 23.36 | |
| 100 | 16QAM | 1 | 1 | 23.65 | 23.39 | 23.58 | 24.7 |
| 100 | 64QAM | 1 | 1 | 22.05 | 21.95 | 22.14 | 23.2 |
| 100 | 256QAM | 1 | 1 | 20.01 | 19.82 | 20.01 | 21.2 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.46 | 24.22 | 24.26 | 25.7 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.49 | 24.20 | 24.26 | 25.7 |

## n77_HPUE_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 25.24 | 25.10 | 25.03 | 26.5 |
| 100 | PI/2 BPSK | 1 | 137 | 25.34 | 25.16 | 25.08 | |
| 100 | PI/2 BPSK | 1 | 271 | 25.47 | 25.26 | 25.21 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.74 | 24.58 | 24.48 | 26.0 |
| 100 | PI/2 BPSK | 135 | 69 | 25.30 | 25.11 | 25.03 | 26.5 |
| 100 | PI/2 BPSK | 135 | 138 | 24.80 | 24.64 | 24.60 | 26.0 |
| 100 | PI/2 BPSK | 270 | 0 | 24.76 | 24.56 | 24.51 | |
| 100 | QPSK | 1 | 1 | 25.29 | 25.08 | 25.00 | 26.5 |
| 100 | QPSK | 1 | 137 | 25.38 | 25.14 | 25.10 | |
| 100 | QPSK | 1 | 271 | 25.45 | 25.22 | 25.19 | |
| 100 | QPSK | 135 | 0 | 24.69 | 24.52 | 24.50 | 25.5 |
| 100 | QPSK | 135 | 69 | 25.25 | 25.05 | 24.98 | 26.5 |
| 100 | QPSK | 135 | 138 | 24.41 | 24.20 | 24.18 | 25.5 |
| 100 | QPSK | 270 | 0 | 24.27 | 24.08 | 24.04 | |
| 100 | 16QAM | 1 | 1 | 24.49 | 24.29 | 24.27 | 25.5 |
| 100 | 64QAM | 1 | 1 | 22.95 | 22.70 | 22.63 | 24.0 |
| 100 | 256QAM | 1 | 1 | 20.84 | 20.65 | 20.55 | 22.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.22 | 25.08 | 25.01 | 26.5 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.23 | 25.07 | 25.02 | 26.5 |

## n78_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.98 | | 25.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.98 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.00 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.42 | | 24.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.92 | | 25.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.42 | | 24.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.46 | | |
| 100 | QPSK | 1 | 1 | | 23.91 | | 25.0 |
| 100 | QPSK | 1 | 137 | | 23.91 | | |
| 100 | QPSK | 1 | 271 | | 23.95 | | |
| 100 | QPSK | 135 | 0 | | 22.84 | | 24.0 |
| 100 | QPSK | 135 | 69 | | 23.93 | | 25.0 |
| 100 | QPSK | 135 | 138 | | 22.92 | | 24.0 |
| 100 | QPSK | 270 | 0 | | 22.91 | | |
| 100 | 16QAM | 1 | 1 | | 22.64 | | 24.0 |
| 100 | 64QAM | 1 | 1 | | 21.23 | | 22.5 |
| 100 | 256QAM | 1 | 1 | | 19.55 | | 20.5 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 23.90 | 23.92 | 23.77 | 25.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 23.93 | 23.96 | 23.70 | 25.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 23.92 | 23.91 | 23.83 | 25.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 23.86 | 23.79 | 23.82 | 25.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 23.86 | 23.90 | 23.81 | 25.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 23.88 | 23.89 | 23.67 | 25.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.87 | 23.95 | 23.89 | 25.0 |

## n78_HPUE_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.42 | | 26.5 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.45 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 25.49 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.90 | | 26.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 25.42 | | 26.5 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.93 | | 26.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.92 | | |
| 100 | QPSK | 1 | 1 | | 25.44 | | 26.5 |
| 100 | QPSK | 1 | 137 | | 25.37 | | |
| 100 | QPSK | 1 | 271 | | 25.43 | | |
| 100 | QPSK | 135 | 0 | | 24.35 | | 25.5 |
| 100 | QPSK | 135 | 69 | | 25.35 | | 26.5 |
| 100 | QPSK | 135 | 138 | | 24.45 | | 25.5 |
| 100 | QPSK | 270 | 0 | | 24.41 | | |
| 100 | 16QAM | 1 | 1 | | 24.19 | | 25.5 |
| 100 | 64QAM | 1 | 1 | | 22.95 | | 24.0 |
| 100 | 256QAM | 1 | 1 | | 21.18 | | 22.0 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 25.38 | 25.40 | 25.36 | 26.5 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 25.44 | 25.38 | 25.41 | 26.5 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 25.37 | 25.43 | 25.41 | 26.5 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 25.42 | 25.39 | 25.26 | 26.5 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 25.43 | 25.44 | 25.47 | 26.5 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.33 | 25.38 | 25.36 | 26.5 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.32 | 25.32 | 25.46 | 26.5 |

## n41_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.76 | 24.70 | 24.68 | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | 24.71 | 24.68 | 24.68 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.64 | 24.80 | 24.78 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.74 | 24.58 | 24.55 | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | 24.71 | 24.60 | 24.54 | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | 24.63 | 24.60 | 24.55 | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | 24.70 | 24.64 | 24.61 | |
| 100 | QPSK | 1 | 1 | 24.76 | 24.67 | 24.58 | 25.5 |
| 100 | QPSK | 1 | 137 | 24.71 | 24.66 | 24.57 | |
| 100 | QPSK | 1 | 271 | 24.64 | 24.67 | 24.59 | |
| 100 | QPSK | 135 | 0 | 24.76 | 24.59 | 24.58 | 25.5 |
| 100 | QPSK | 135 | 69 | 24.70 | 24.55 | 24.50 | 25.5 |
| 100 | QPSK | 135 | 138 | 24.64 | 24.57 | 24.57 | 25.5 |
| 100 | QPSK | 270 | 0 | 24.71 | 24.66 | 24.60 | |
| 100 | 16QAM | 1 | 1 | 24.65 | 24.59 | 24.58 | 25.5 |
| 100 | 64QAM | 1 | 1 | 24.48 | 24.49 | 24.45 | 25.5 |
| 100 | 256QAM | 1 | 1 | 22.36 | 22.33 | 22.23 | 22.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.66 | 24.61 | 24.46 | 25.5 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.66 | 24.61 | 24.53 | 25.5 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.72 | 24.69 | 24.60 | 25.5 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.63 | 24.60 | 24.44 | 25.5 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.68 | 24.69 | 24.61 | 25.5 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.56 | 24.54 | 24.36 | 25.5 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.69 | 24.60 | 24.63 | 25.5 |

## n77_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 23.84 | 23.76 | 23.53 | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | 23.94 | 23.65 | 23.60 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.91 | 23.72 | 23.50 | |
| 100 | PI/2 BPSK | 135 | 0 | 23.30 | 23.09 | 23.00 | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | 23.85 | 23.55 | 23.56 | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | 23.38 | 23.16 | 23.01 | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | 23.37 | 23.07 | 23.04 | |
| 100 | QPSK | 1 | 1 | 23.79 | 23.57 | 23.36 | 25.5 |
| 100 | QPSK | 1 | 137 | 23.89 | 23.56 | 23.32 | |
| 100 | QPSK | 1 | 271 | 23.88 | 23.68 | 23.49 | |
| 100 | QPSK | 135 | 0 | 23.28 | 22.59 | 22.36 | 24.5 |
| 100 | QPSK | 135 | 69 | 23.83 | 23.55 | 23.49 | 25.5 |
| 100 | QPSK | 135 | 138 | 23.35 | 22.62 | 22.51 | 24.5 |
| 100 | QPSK | 270 | 0 | 23.35 | 22.64 | 22.56 | |
| 100 | 16QAM | 1 | 1 | 22.54 | 22.91 | 22.72 | 24.5 |
| 100 | 64QAM | 1 | 1 | 21.32 | 21.25 | 21.06 | 23.0 |
| 100 | 256QAM | 1 | 1 | 19.55 | 19.18 | 18.99 | 21.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.13 | 24.02 | 23.80 | 25.5 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.12 | 24.03 | 23.83 | 25.5 |

## n77_HPUE_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.72 | 24.64 | 24.43 | 26.0 |
| 100 | PI/2 BPSK | 1 | 137 | 24.80 | 24.53 | 24.49 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.84 | 24.59 | 24.40 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.23 | 24.03 | 23.92 | 25.5 |
| 100 | PI/2 BPSK | 135 | 69 | 24.77 | 24.48 | 24.30 | 26.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.28 | 24.07 | 24.05 | 25.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.23 | 23.97 | 23.93 | |
| 100 | QPSK | 1 | 1 | 24.67 | 24.47 | 24.30 | 26.0 |
| 100 | QPSK | 1 | 137 | 24.75 | 24.51 | 24.37 | |
| 100 | QPSK | 1 | 271 | 24.77 | 24.56 | 24.40 | |
| 100 | QPSK | 135 | 0 | 23.75 | 23.48 | 23.46 | 25.0 |
| 100 | QPSK | 135 | 69 | 24.74 | 24.50 | 24.43 | 26.0 |
| 100 | QPSK | 135 | 138 | 23.79 | 23.51 | 23.36 | 25.0 |
| 100 | QPSK | 270 | 0 | 23.79 | 23.45 | 23.38 | |
| 100 | 16QAM | 1 | 1 | 23.89 | 23.70 | 23.67 | 25.0 |
| 100 | 64QAM | 1 | 1 | 22.32 | 22.16 | 22.03 | 23.5 |
| 100 | 256QAM | 1 | 1 | 20.27 | 20.06 | 19.90 | 21.5 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.72 | 24.63 | 24.42 | 26.0 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.70 | 24.60 | 24.41 | 26.0 |

## n78_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.54 | | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.50 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 23.51 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.07 | | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.50 | | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.14 | | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.08 | | |
| 100 | QPSK | 1 | 1 | | 23.50 | | 25.5 |
| 100 | QPSK | 1 | 137 | | 23.51 | | |
| 100 | QPSK | 1 | 271 | | 23.50 | | |
| 100 | QPSK | 135 | 0 | | 22.56 | | 24.5 |
| 100 | QPSK | 135 | 69 | | 23.54 | | 25.5 |
| 100 | QPSK | 135 | 138 | | 22.62 | | 24.5 |
| 100 | QPSK | 270 | 0 | | 22.56 | | |
| 100 | 16QAM | 1 | 1 | | 22.39 | | 24.5 |
| 100 | 64QAM | 1 | 1 | | 21.13 | | 23.0 |
| 100 | 256QAM | 1 | 1 | | 19.34 | | 21.0 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 23.42 | 23.50 | 23.49 | 25.5 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 23.59 | 23.63 | 23.57 | 25.5 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 23.63 | 23.60 | 23.57 | 25.5 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 23.62 | 23.62 | 23.63 | 25.5 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 23.55 | 23.63 | 23.59 | 25.5 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 23.44 | 23.59 | 23.50 | 25.5 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.53 | 23.50 | 23.49 | 25.5 |

## n78_HPUE_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 24.91 | | 26.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 24.90 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.96 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.37 | | 25.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.87 | | 26.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.40 | | 25.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.40 | | |
| 100 | QPSK | 1 | 1 | | 24.93 | | 26.0 |
| 100 | QPSK | 1 | 137 | | 24.90 | | |
| 100 | QPSK | 1 | 271 | | 24.89 | | |
| 100 | QPSK | 135 | 0 | | 23.89 | | 25.0 |
| 100 | QPSK | 135 | 69 | | 24.87 | | 26.0 |
| 100 | QPSK | 135 | 138 | | 23.93 | | 25.0 |
| 100 | QPSK | 270 | 0 | | 23.86 | | |
| 100 | 16QAM | 1 | 1 | | 23.64 | | 25.0 |
| 100 | 64QAM | 1 | 1 | | 22.47 | | 23.5 |
| 100 | 256QAM | 1 | 1 | | 20.68 | | 21.5 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.90 | 24.91 | 24.89 | 26.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.88 | 24.88 | 24.90 | 26.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 24.86 | 24.86 | 24.82 | 26.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.90 | 24.90 | 24.86 | 26.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.81 | 24.90 | 24.85 | 26.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.86 | 24.86 | 24.79 | 26.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.83 | 24.91 | 24.87 | 26.0 |

## n41_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.64 | 24.69 | 24.59 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 24.76 | 24.70 | 24.66 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.67 | 24.61 | 24.56 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.15 | 24.16 | 24.00 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 24.65 | 24.63 | 24.58 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.25 | 24.10 | 24.02 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 24.20 | 24.12 | 24.09 | |
| 100 | QPSK | 1 | 1 | 24.72 | 24.63 | 24.64 | 25.7 |
| 100 | QPSK | 1 | 137 | 24.76 | 24.56 | 24.64 | |
| 100 | QPSK | 1 | 271 | 24.67 | 24.59 | 24.57 | |
| 100 | QPSK | 135 | 0 | 23.67 | 23.66 | 23.49 | 25.7 |
| 100 | QPSK | 135 | 69 | 24.63 | 24.54 | 24.57 | |
| 100 | QPSK | 135 | 138 | 23.65 | 23.51 | 23.55 | |
| 100 | QPSK | 270 | 0 | 23.69 | 23.62 | 23.55 | 24.7 |
| 100 | 16QAM | 1 | 1 | 23.79 | 23.88 | 23.74 | 24.7 |
| 100 | 64QAM | 1 | 1 | 22.29 | 22.36 | 22.28 | 23.2 |
| 100 | 256QAM | 1 | 1 | 20.38 | 20.39 | 20.28 | 21.2 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.60 | 24.53 | 24.49 | 25.7 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.64 | 24.61 | 24.59 | 25.7 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.58 | 24.59 | 24.60 | 25.7 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.60 | 24.64 | 24.52 | 25.7 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.60 | 24.61 | 24.55 | 25.7 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.54 | 24.51 | 24.55 | 25.7 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.39 | 24.51 | 24.44 | 25.7 |

## n41_HPUE PC2_Ant 5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.85 | 25.38 | 25.24 | 26.8 |
| 100 | PI/2 BPSK | 1 | 137 | 25.37 | 25.31 | 25.17 | |
| 100 | PI/2 BPSK | 1 | 271 | 25.37 | 25.21 | 25.07 | |
| 100 | PI/2 BPSK | 135 | 0 | 25.09 | 25.23 | 25.12 | 26.8 |
| 100 | PI/2 BPSK | 135 | 69 | 25.32 | 25.45 | 25.06 | 26.8 |
| 100 | PI/2 BPSK | 135 | 138 | 25.30 | 25.18 | 25.11 | 26.8 |
| 100 | PI/2 BPSK | 270 | 0 | 25.27 | 25.40 | 25.17 | |
| 100 | QPSK | 1 | 1 | 24.85 | 25.32 | 25.26 | 26.8 |
| 100 | QPSK | 1 | 137 | 25.37 | 25.29 | 25.13 | |
| 100 | QPSK | 1 | 271 | 25.35 | 25.20 | 25.08 | |
| 100 | QPSK | 135 | 0 | 25.09 | 25.20 | 25.13 | 26.5 |
| 100 | QPSK | 135 | 69 | 25.33 | 25.22 | 25.10 | 26.8 |
| 100 | QPSK | 135 | 138 | 25.31 | 25.17 | 25.08 | 26.5 |
| 100 | QPSK | 270 | 0 | 25.22 | 25.29 | 25.11 | |
| 100 | 16QAM | 1 | 1 | 24.82 | 25.46 | 24.80 | 26.5 |
| 100 | 64QAM | 1 | 1 | 23.33 | 24.46 | 23.08 | 25.0 |
| 100 | 256QAM | 1 | 1 | 21.57 | 22.65 | 21.94 | 23.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.71 | 25.25 | 25.17 | 26.8 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.79 | 25.34 | 25.23 | 26.8 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.84 | 25.37 | 25.14 | 26.8 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.83 | 25.37 | 25.20 | 26.8 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.79 | 25.28 | 25.18 | 26.8 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.77 | 25.28 | 25.15 | 26.8 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.76 | 25.28 | 25.17 | 26.8 |

## n41 PC3_Ant 5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 23.77 | 25.03 | 23.51 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 25.17 | 24.13 | 25.19 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.71 | 24.34 | 22.70 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.09 | 24.66 | 24.02 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 25.01 | 24.67 | 24.99 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.10 | 23.86 | 24.04 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 24.14 | 24.48 | 24.22 | |
| 100 | QPSK | 1 | 1 | 23.70 | 25.02 | 23.52 | 25.7 |
| 100 | QPSK | 1 | 137 | 25.01 | 24.10 | 25.15 | |
| 100 | QPSK | 1 | 271 | 23.73 | 24.26 | 23.70 | |
| 100 | QPSK | 135 | 0 | 23.59 | 24.20 | 23.44 | 25.4 |
| 100 | QPSK | 135 | 69 | 25.02 | 24.76 | 24.90 | 25.7 |
| 100 | QPSK | 135 | 138 | 23.57 | 23.51 | 24.00 | 25.4 |
| 100 | QPSK | 270 | 0 | 23.89 | 24.11 | 24.13 | |
| 100 | 16QAM | 1 | 1 | 22.77 | 23.91 | 22.71 | 25.4 |
| 100 | 64QAM | 1 | 1 | 21.23 | 22.21 | 21.20 | 23.9 |
| 100 | 256QAM | 1 | 1 | 19.32 | 20.58 | 19.21 | 21.9 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.87 | 24.99 | 24.88 | 25.7 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.84 | 25.01 | 24.94 | 25.7 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.74 | 24.77 | 24.70 | 25.7 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.74 | 24.78 | 24.73 | 25.7 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.03 | 24.01 | 24.07 | 25.7 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.03 | 24.00 | 23.99 | 25.7 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.11 | 24.16 | 24.10 | 25.7 |

| n77_Ant 7 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.50 | 24.23 | 24.30 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 24.57 | 24.32 | 24.52 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.57 | 24.47 | 24.58 | |
| 100 | PI/2 BPSK | 135 | 0 | 23.97 | 23.74 | 23.90 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 24.52 | 24.25 | 24.37 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.00 | 23.82 | 24.00 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 23.99 | 23.82 | 23.92 | |
| 100 | QPSK | 1 | 1 | 24.40 | 24.32 | 24.42 | 25.7 |
| 100 | QPSK | 1 | 137 | 24.45 | 24.27 | 24.43 | |
| 100 | QPSK | 1 | 271 | 24.52 | 24.41 | 24.52 | |
| 100 | QPSK | 135 | 0 | 23.49 | 23.23 | 23.38 | 24.7 |
| 100 | QPSK | 135 | 69 | 24.50 | 24.31 | 24.44 | 25.7 |
| 100 | QPSK | 135 | 138 | 23.53 | 23.28 | 23.38 | 24.7 |
| 100 | QPSK | 270 | 0 | 23.48 | 23.26 | 23.36 | |
| 100 | 16QAM | 1 | 1 | 23.65 | 23.39 | 23.58 | 24.7 |
| 100 | 64QAM | 1 | 1 | 22.05 | 21.95 | 22.14 | 23.2 |
| 100 | 256QAM | 1 | 1 | 20.01 | 19.82 | 20.01 | 21.2 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.46 | 24.22 | 24.26 | 25.7 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.49 | 24.20 | 24.26 | 25.7 |

## n77_HPUE_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 25.24 | 25.10 | 25.03 | 26.5 |
| 100 | PI/2 BPSK | 1 | 137 | 25.34 | 25.16 | 25.08 | |
| 100 | PI/2 BPSK | 1 | 271 | 25.47 | 25.26 | 25.21 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.74 | 24.58 | 24.48 | 26.0 |
| 100 | PI/2 BPSK | 135 | 69 | 25.30 | 25.11 | 25.03 | 26.5 |
| 100 | PI/2 BPSK | 135 | 138 | 24.80 | 24.64 | 24.60 | 26.0 |
| 100 | PI/2 BPSK | 270 | 0 | 24.76 | 24.56 | 24.51 | |
| 100 | QPSK | 1 | 1 | 25.29 | 25.08 | 25.00 | 26.5 |
| 100 | QPSK | 1 | 137 | 25.38 | 25.14 | 25.10 | |
| 100 | QPSK | 1 | 271 | 25.45 | 25.22 | 25.19 | |
| 100 | QPSK | 135 | 0 | 24.69 | 24.52 | 24.50 | 25.5 |
| 100 | QPSK | 135 | 69 | 25.25 | 25.05 | 24.98 | 26.5 |
| 100 | QPSK | 135 | 138 | 24.41 | 24.20 | 24.18 | 25.5 |
| 100 | QPSK | 270 | 0 | 24.27 | 24.08 | 24.04 | |
| 100 | 16QAM | 1 | 1 | 24.49 | 24.29 | 24.27 | 25.5 |
| 100 | 64QAM | 1 | 1 | 22.95 | 22.70 | 22.63 | 24.0 |
| 100 | 256QAM | 1 | 1 | 20.84 | 20.65 | 20.55 | 22.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.22 | 25.08 | 25.01 | 26.5 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.23 | 25.07 | 25.02 | 26.5 |

## n78_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.98 | | 25.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.98 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.00 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.42 | | 24.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.92 | | 25.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.42 | | 24.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.46 | | |
| 100 | QPSK | 1 | 1 | | 23.91 | | 25.0 |
| 100 | QPSK | 1 | 137 | | 23.91 | | |
| 100 | QPSK | 1 | 271 | | 23.95 | | |
| 100 | QPSK | 135 | 0 | | 22.84 | | 24.0 |
| 100 | QPSK | 135 | 69 | | 23.93 | | 25.0 |
| 100 | QPSK | 135 | 138 | | 22.92 | | 24.0 |
| 100 | QPSK | 270 | 0 | | 22.91 | | |
| 100 | 16QAM | 1 | 1 | | 22.64 | | 24.0 |
| 100 | 64QAM | 1 | 1 | | 21.23 | | 22.5 |
| 100 | 256QAM | 1 | 1 | | 19.55 | | 20.5 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 23.90 | 23.92 | 23.77 | 25.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 23.93 | 23.96 | 23.70 | 25.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 23.92 | 23.91 | 23.83 | 25.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 23.86 | 23.79 | 23.82 | 25.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 23.86 | 23.90 | 23.81 | 25.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 23.88 | 23.89 | 23.67 | 25.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.87 | 23.95 | 23.89 | 25.0 |

## n78_HPUE_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.42 | | 26.5 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.45 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 25.49 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.90 | | 26.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 25.42 | | 26.5 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.93 | | 26.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.92 | | |
| 100 | QPSK | 1 | 1 | | 25.44 | | 26.5 |
| 100 | QPSK | 1 | 137 | | 25.37 | | |
| 100 | QPSK | 1 | 271 | | 25.43 | | |
| 100 | QPSK | 135 | 0 | | 24.35 | | 25.5 |
| 100 | QPSK | 135 | 69 | | 25.35 | | 26.5 |
| 100 | QPSK | 135 | 138 | | 24.45 | | 25.5 |
| 100 | QPSK | 270 | 0 | | 24.41 | | |
| 100 | 16QAM | 1 | 1 | | 24.19 | | 25.5 |
| 100 | 64QAM | 1 | 1 | | 22.95 | | 24.0 |
| 100 | 256QAM | 1 | 1 | | 21.18 | | 22.0 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 25.38 | 25.40 | 25.36 | 26.5 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 25.44 | 25.38 | 25.41 | 26.5 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 25.37 | 25.43 | 25.41 | 26.5 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 25.42 | 25.39 | 25.26 | 26.5 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 25.43 | 25.44 | 25.47 | 26.5 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.33 | 25.38 | 25.36 | 26.5 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.32 | 25.32 | 25.46 | 26.5 |

## n41_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.76 | 24.70 | 24.68 | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | 24.71 | 24.68 | 24.68 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.64 | 24.80 | 24.78 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.74 | 24.58 | 24.55 | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | 24.71 | 24.60 | 24.54 | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | 24.63 | 24.60 | 24.55 | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | 24.70 | 24.64 | 24.61 | |
| 100 | QPSK | 1 | 1 | 24.76 | 24.67 | 24.58 | 25.5 |
| 100 | QPSK | 1 | 137 | 24.71 | 24.66 | 24.57 | |
| 100 | QPSK | 1 | 271 | 24.64 | 24.67 | 24.59 | |
| 100 | QPSK | 135 | 0 | 24.76 | 24.59 | 24.58 | 25.5 |
| 100 | QPSK | 135 | 69 | 24.70 | 24.55 | 24.50 | 25.5 |
| 100 | QPSK | 135 | 138 | 24.64 | 24.57 | 24.57 | 25.5 |
| 100 | QPSK | 270 | 0 | 24.71 | 24.66 | 24.60 | |
| 100 | 16QAM | 1 | 1 | 24.65 | 24.59 | 24.58 | 25.5 |
| 100 | 64QAM | 1 | 1 | 24.48 | 24.49 | 24.45 | 25.5 |
| 100 | 256QAM | 1 | 1 | 22.36 | 22.33 | 22.23 | 22.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.66 | 24.61 | 24.46 | 25.5 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.66 | 24.61 | 24.53 | 25.5 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.72 | 24.69 | 24.60 | 25.5 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.63 | 24.60 | 24.44 | 25.5 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.68 | 24.69 | 24.61 | 25.5 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.56 | 24.54 | 24.36 | 25.5 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.69 | 24.60 | 24.63 | 25.5 |

## n77_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 23.84 | 23.76 | 23.53 | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | 23.94 | 23.65 | 23.60 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.91 | 23.72 | 23.50 | |
| 100 | PI/2 BPSK | 135 | 0 | 23.30 | 23.09 | 23.00 | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | 23.85 | 23.55 | 23.56 | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | 23.38 | 23.16 | 23.01 | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | 23.37 | 23.07 | 23.04 | |
| 100 | QPSK | 1 | 1 | 23.79 | 23.57 | 23.36 | 25.5 |
| 100 | QPSK | 1 | 137 | 23.89 | 23.56 | 23.32 | |
| 100 | QPSK | 1 | 271 | 23.88 | 23.68 | 23.49 | |
| 100 | QPSK | 135 | 0 | 23.28 | 22.59 | 22.36 | 24.5 |
| 100 | QPSK | 135 | 69 | 23.83 | 23.55 | 23.49 | 25.5 |
| 100 | QPSK | 135 | 138 | 23.35 | 22.62 | 22.51 | 24.5 |
| 100 | QPSK | 270 | 0 | 23.35 | 22.64 | 22.56 | |
| 100 | 16QAM | 1 | 1 | 22.54 | 22.91 | 22.72 | 24.5 |
| 100 | 64QAM | 1 | 1 | 21.32 | 21.25 | 21.06 | 23.0 |
| 100 | 256QAM | 1 | 1 | 19.55 | 19.18 | 18.99 | 21.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.13 | 24.02 | 23.80 | 25.5 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.12 | 24.03 | 23.83 | 25.5 |

## n77_HPUE_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.72 | 24.64 | 24.43 | 26.0 |
| 100 | PI/2 BPSK | 1 | 137 | 24.80 | 24.53 | 24.49 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.84 | 24.59 | 24.40 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.23 | 24.03 | 23.92 | 25.5 |
| 100 | PI/2 BPSK | 135 | 69 | 24.77 | 24.48 | 24.30 | 26.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.28 | 24.07 | 24.05 | 25.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.23 | 23.97 | 23.93 | |
| 100 | QPSK | 1 | 1 | 24.67 | 24.47 | 24.30 | 26.0 |
| 100 | QPSK | 1 | 137 | 24.75 | 24.51 | 24.37 | |
| 100 | QPSK | 1 | 271 | 24.77 | 24.56 | 24.40 | |
| 100 | QPSK | 135 | 0 | 23.75 | 23.48 | 23.46 | 25.0 |
| 100 | QPSK | 135 | 69 | 24.74 | 24.50 | 24.43 | 26.0 |
| 100 | QPSK | 135 | 138 | 23.79 | 23.51 | 23.36 | 25.0 |
| 100 | QPSK | 270 | 0 | 23.79 | 23.45 | 23.38 | |
| 100 | 16QAM | 1 | 1 | 23.89 | 23.70 | 23.67 | 25.0 |
| 100 | 64QAM | 1 | 1 | 22.32 | 22.16 | 22.03 | 23.5 |
| 100 | 256QAM | 1 | 1 | 20.27 | 20.06 | 19.90 | 21.5 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.72 | 24.63 | 24.42 | 26.0 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.70 | 24.60 | 24.41 | 26.0 |

## n78_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.54 | | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.50 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 23.51 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.07 | | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.50 | | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.14 | | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.08 | | |
| 100 | QPSK | 1 | 1 | | 23.50 | | 25.5 |
| 100 | QPSK | 1 | 137 | | 23.51 | | |
| 100 | QPSK | 1 | 271 | | 23.50 | | |
| 100 | QPSK | 135 | 0 | | 22.56 | | 24.5 |
| 100 | QPSK | 135 | 69 | | 23.54 | | 25.5 |
| 100 | QPSK | 135 | 138 | | 22.62 | | 24.5 |
| 100 | QPSK | 270 | 0 | | 22.56 | | |
| 100 | 16QAM | 1 | 1 | | 22.39 | | 24.5 |
| 100 | 64QAM | 1 | 1 | | 21.13 | | 23.0 |
| 100 | 256QAM | 1 | 1 | | 19.34 | | 21.0 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 23.42 | 23.50 | 23.49 | 25.5 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 23.59 | 23.63 | 23.57 | 25.5 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 23.63 | 23.60 | 23.57 | 25.5 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 23.62 | 23.62 | 23.63 | 25.5 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 23.55 | 23.63 | 23.59 | 25.5 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 23.44 | 23.59 | 23.50 | 25.5 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.53 | 23.50 | 23.49 | 25.5 |

## n78_HPUE_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 24.91 | | 26.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 24.90 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.96 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.37 | | 25.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.87 | | 26.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.40 | | 25.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.40 | | |
| 100 | QPSK | 1 | 1 | | 24.93 | | 26.0 |
| 100 | QPSK | 1 | 137 | | 24.90 | | |
| 100 | QPSK | 1 | 271 | | 24.89 | | |
| 100 | QPSK | 135 | 0 | | 23.89 | | 25.0 |
| 100 | QPSK | 135 | 69 | | 24.87 | | 26.0 |
| 100 | QPSK | 135 | 138 | | 23.93 | | 25.0 |
| 100 | QPSK | 270 | 0 | | 23.86 | | |
| 100 | 16QAM | 1 | 1 | | 23.64 | | 25.0 |
| 100 | 64QAM | 1 | 1 | | 22.47 | | 23.5 |
| 100 | 256QAM | 1 | 1 | | 20.68 | | 21.5 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.90 | 24.91 | 24.89 | 26.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.88 | 24.88 | 24.90 | 26.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 24.86 | 24.86 | 24.82 | 26.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.90 | 24.90 | 24.86 | 26.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.81 | 24.90 | 24.85 | 26.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.86 | 24.86 | 24.79 | 26.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.83 | 24.91 | 24.87 | 26.0 |

## n41_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.64 | 24.69 | 24.59 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 24.76 | 24.70 | 24.66 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.67 | 24.61 | 24.56 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.15 | 24.16 | 24.00 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 24.65 | 24.63 | 24.58 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.25 | 24.10 | 24.02 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 24.20 | 24.12 | 24.09 | |
| 100 | QPSK | 1 | 1 | 24.72 | 24.63 | 24.64 | 25.7 |
| 100 | QPSK | 1 | 137 | 24.76 | 24.56 | 24.64 | |
| 100 | QPSK | 1 | 271 | 24.67 | 24.59 | 24.57 | |
| 100 | QPSK | 135 | 0 | 23.67 | 23.66 | 23.49 | 25.7 |
| 100 | QPSK | 135 | 69 | 24.63 | 24.54 | 24.57 | |
| 100 | QPSK | 135 | 138 | 23.65 | 23.51 | 23.55 | |
| 100 | QPSK | 270 | 0 | 23.69 | 23.62 | 23.55 | 24.7 |
| 100 | 16QAM | 1 | 1 | 23.79 | 23.88 | 23.74 | 24.7 |
| 100 | 64QAM | 1 | 1 | 22.29 | 22.36 | 22.28 | 23.2 |
| 100 | 256QAM | 1 | 1 | 20.38 | 20.39 | 20.28 | 21.2 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.60 | 24.53 | 24.49 | 25.7 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.64 | 24.61 | 24.59 | 25.7 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.58 | 24.59 | 24.60 | 25.7 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.60 | 24.64 | 24.52 | 25.7 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.60 | 24.61 | 24.55 | 25.7 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.54 | 24.51 | 24.55 | 25.7 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.39 | 24.51 | 24.44 | 25.7 |

## n41_HPUE PC2_Ant 5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.85 | 25.38 | 25.24 | 25.9 |
| 100 | PI/2 BPSK | 1 | 137 | 25.37 | 25.31 | 25.17 | |
| 100 | PI/2 BPSK | 1 | 271 | 25.37 | 25.21 | 25.07 | |
| 100 | PI/2 BPSK | 135 | 0 | 25.09 | 25.23 | 25.12 | 25.9 |
| 100 | PI/2 BPSK | 135 | 69 | 25.32 | 25.45 | 25.06 | 25.9 |
| 100 | PI/2 BPSK | 135 | 138 | 25.30 | 25.18 | 25.11 | 25.9 |
| 100 | PI/2 BPSK | 270 | 0 | 25.27 | 25.40 | 25.17 | |
| 100 | QPSK | 1 | 1 | 24.85 | 25.32 | 25.26 | 25.9 |
| 100 | QPSK | 1 | 137 | 25.37 | 25.29 | 25.13 | |
| 100 | QPSK | 1 | 271 | 25.35 | 25.20 | 25.08 | |
| 100 | QPSK | 135 | 0 | 25.09 | 25.20 | 25.13 | 25.9 |
| 100 | QPSK | 135 | 69 | 25.33 | 25.22 | 25.10 | 25.9 |
| 100 | QPSK | 135 | 138 | 25.31 | 25.17 | 25.08 | 25.9 |
| 100 | QPSK | 270 | 0 | 25.22 | 25.29 | 25.11 | |
| 100 | 16QAM | 1 | 1 | 24.82 | 25.46 | 24.80 | 25.9 |
| 100 | 64QAM | 1 | 1 | 23.33 | 24.46 | 23.08 | 25.0 |
| 100 | 256QAM | 1 | 1 | 21.57 | 22.65 | 21.94 | 23.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.71 | 25.25 | 25.17 | 25.9 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.79 | 25.34 | 25.23 | 25.9 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.84 | 25.37 | 25.14 | 25.9 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.83 | 25.37 | 25.20 | 25.9 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.79 | 25.28 | 25.18 | 25.9 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.77 | 25.28 | 25.15 | 25.9 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.76 | 25.28 | 25.17 | 25.9 |

| n41 PC3_Ant 5 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 23.77 | 25.03 | 23.51 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 25.17 | 24.13 | 25.19 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.71 | 24.34 | 22.70 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.09 | 24.66 | 24.02 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 25.01 | 24.67 | 24.99 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.10 | 23.86 | 24.04 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 24.14 | 24.48 | 24.22 | |
| 100 | QPSK | 1 | 1 | 23.70 | 25.02 | 23.52 | 25.7 |
| 100 | QPSK | 1 | 137 | 25.01 | 24.10 | 25.15 | |
| 100 | QPSK | 1 | 271 | 23.73 | 24.26 | 23.70 | |
| 100 | QPSK | 135 | 0 | 23.59 | 24.20 | 23.44 | 25.7 |
| 100 | QPSK | 135 | 69 | 25.02 | 24.76 | 24.90 | 25.7 |
| 100 | QPSK | 135 | 138 | 23.57 | 23.51 | 24.00 | 25.7 |
| 100 | QPSK | 270 | 0 | 23.89 | 24.11 | 24.13 | |
| 100 | 16QAM | 1 | 1 | 22.77 | 23.91 | 22.71 | 25.7 |
| 100 | 64QAM | 1 | 1 | 21.23 | 22.21 | 21.20 | 24.8 |
| 100 | 256QAM | 1 | 1 | 19.32 | 20.58 | 19.21 | 22.8 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.87 | 24.99 | 24.88 | 25.7 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.84 | 25.01 | 24.94 | 25.7 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.74 | 24.77 | 24.70 | 25.7 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.74 | 24.78 | 24.73 | 25.7 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.03 | 24.01 | 24.07 | 25.7 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.03 | 24.00 | 23.99 | 25.7 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.11 | 24.16 | 24.10 | 25.7 |

## n77_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.50 | 24.23 | 24.30 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 24.57 | 24.32 | 24.52 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.57 | 24.47 | 24.58 | |
| 100 | PI/2 BPSK | 135 | 0 | 23.97 | 23.74 | 23.90 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 24.52 | 24.25 | 24.37 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.00 | 23.82 | 24.00 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 23.99 | 23.82 | 23.92 | |
| 100 | QPSK | 1 | 1 | 24.40 | 24.32 | 24.42 | 25.7 |
| 100 | QPSK | 1 | 137 | 24.45 | 24.27 | 24.43 | |
| 100 | QPSK | 1 | 271 | 24.52 | 24.41 | 24.52 | |
| 100 | QPSK | 135 | 0 | 23.49 | 23.23 | 23.38 | 24.7 |
| 100 | QPSK | 135 | 69 | 24.50 | 24.31 | 24.44 | 25.7 |
| 100 | QPSK | 135 | 138 | 23.53 | 23.28 | 23.38 | 24.7 |
| 100 | QPSK | 270 | 0 | 23.48 | 23.26 | 23.36 | |
| 100 | 16QAM | 1 | 1 | 23.65 | 23.39 | 23.58 | 24.7 |
| 100 | 64QAM | 1 | 1 | 22.05 | 21.95 | 22.14 | 23.2 |
| 100 | 256QAM | 1 | 1 | 20.01 | 19.82 | 20.01 | 21.2 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.46 | 24.22 | 24.26 | 25.7 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.49 | 24.20 | 24.26 | 25.7 |

## n77_HPUE_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 25.24 | 25.10 | 25.03 | 26.5 |
| 100 | PI/2 BPSK | 1 | 137 | 25.34 | 25.16 | 25.08 | |
| 100 | PI/2 BPSK | 1 | 271 | 25.47 | 25.26 | 25.21 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.74 | 24.58 | 24.48 | 26.0 |
| 100 | PI/2 BPSK | 135 | 69 | 25.30 | 25.11 | 25.03 | 26.5 |
| 100 | PI/2 BPSK | 135 | 138 | 24.80 | 24.64 | 24.60 | 26.0 |
| 100 | PI/2 BPSK | 270 | 0 | 24.76 | 24.56 | 24.51 | |
| 100 | QPSK | 1 | 1 | 25.29 | 25.08 | 25.00 | 26.5 |
| 100 | QPSK | 1 | 137 | 25.38 | 25.14 | 25.10 | |
| 100 | QPSK | 1 | 271 | 25.45 | 25.22 | 25.19 | |
| 100 | QPSK | 135 | 0 | 24.69 | 24.52 | 24.50 | 25.5 |
| 100 | QPSK | 135 | 69 | 25.25 | 25.05 | 24.98 | 26.5 |
| 100 | QPSK | 135 | 138 | 24.41 | 24.20 | 24.18 | 25.5 |
| 100 | QPSK | 270 | 0 | 24.27 | 24.08 | 24.04 | |
| 100 | 16QAM | 1 | 1 | 24.49 | 24.29 | 24.27 | 25.5 |
| 100 | 64QAM | 1 | 1 | 22.95 | 22.70 | 22.63 | 24.0 |
| 100 | 256QAM | 1 | 1 | 20.84 | 20.65 | 20.55 | 22.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.22 | 25.08 | 25.01 | 26.5 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.23 | 25.07 | 25.02 | 26.5 |

## n78_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.98 | | 25.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.98 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.00 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.42 | | 24.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.92 | | 25.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.42 | | 24.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.46 | | |
| 100 | QPSK | 1 | 1 | | 23.91 | | 25.0 |
| 100 | QPSK | 1 | 137 | | 23.91 | | |
| 100 | QPSK | 1 | 271 | | 23.95 | | |
| 100 | QPSK | 135 | 0 | | 22.84 | | 24.0 |
| 100 | QPSK | 135 | 69 | | 23.93 | | 25.0 |
| 100 | QPSK | 135 | 138 | | 22.92 | | 24.0 |
| 100 | QPSK | 270 | 0 | | 22.91 | | |
| 100 | 16QAM | 1 | 1 | | 22.64 | | 24.0 |
| 100 | 64QAM | 1 | 1 | | 21.23 | | 22.5 |
| 100 | 256QAM | 1 | 1 | | 19.55 | | 20.5 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 23.90 | 23.92 | 23.77 | 25.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 23.93 | 23.96 | 23.70 | 25.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 23.92 | 23.91 | 23.83 | 25.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 23.86 | 23.79 | 23.82 | 25.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 23.86 | 23.90 | 23.81 | 25.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 23.88 | 23.89 | 23.67 | 25.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.87 | 23.95 | 23.89 | 25.0 |

## n78_HPUE_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.42 | | 26.5 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.45 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 25.49 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.90 | | 26.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 25.42 | | 26.5 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.93 | | 26.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.92 | | |
| 100 | QPSK | 1 | 1 | | 25.44 | | 26.5 |
| 100 | QPSK | 1 | 137 | | 25.37 | | |
| 100 | QPSK | 1 | 271 | | 25.43 | | |
| 100 | QPSK | 135 | 0 | | 24.35 | | 25.5 |
| 100 | QPSK | 135 | 69 | | 25.35 | | 26.5 |
| 100 | QPSK | 135 | 138 | | 24.45 | | 25.5 |
| 100 | QPSK | 270 | 0 | | 24.41 | | |
| 100 | 16QAM | 1 | 1 | | 24.19 | | 25.5 |
| 100 | 64QAM | 1 | 1 | | 22.95 | | 24.0 |
| 100 | 256QAM | 1 | 1 | | 21.18 | | 22.0 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 25.38 | 25.40 | 25.36 | 26.5 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 25.44 | 25.38 | 25.41 | 26.5 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 25.37 | 25.43 | 25.41 | 26.5 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 25.42 | 25.39 | 25.26 | 26.5 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 25.43 | 25.44 | 25.47 | 26.5 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.33 | 25.38 | 25.36 | 26.5 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.32 | 25.32 | 25.46 | 26.5 |

## n41_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.76 | 24.70 | 24.68 | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | 24.71 | 24.68 | 24.68 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.64 | 24.80 | 24.78 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.74 | 24.58 | 24.55 | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | 24.71 | 24.60 | 24.54 | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | 24.63 | 24.60 | 24.55 | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | 24.70 | 24.64 | 24.61 | |
| 100 | QPSK | 1 | 1 | 24.76 | 24.67 | 24.58 | 25.5 |
| 100 | QPSK | 1 | 137 | 24.71 | 24.66 | 24.57 | |
| 100 | QPSK | 1 | 271 | 24.64 | 24.67 | 24.59 | |
| 100 | QPSK | 135 | 0 | 24.76 | 24.59 | 24.58 | 25.5 |
| 100 | QPSK | 135 | 69 | 24.70 | 24.55 | 24.50 | 25.5 |
| 100 | QPSK | 135 | 138 | 24.64 | 24.57 | 24.57 | 25.5 |
| 100 | QPSK | 270 | 0 | 24.71 | 24.66 | 24.60 | |
| 100 | 16QAM | 1 | 1 | 24.65 | 24.59 | 24.58 | 25.5 |
| 100 | 64QAM | 1 | 1 | 24.48 | 24.49 | 24.45 | 25.5 |
| 100 | 256QAM | 1 | 1 | 22.36 | 22.33 | 22.23 | 22.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.66 | 24.61 | 24.46 | 25.5 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.66 | 24.61 | 24.53 | 25.5 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.72 | 24.69 | 24.60 | 25.5 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.63 | 24.60 | 24.44 | 25.5 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.68 | 24.69 | 24.61 | 25.5 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.56 | 24.54 | 24.36 | 25.5 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.69 | 24.60 | 24.63 | 25.5 |

## n77_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 23.84 | 23.76 | 23.53 | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | 23.94 | 23.65 | 23.60 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.91 | 23.72 | 23.50 | |
| 100 | PI/2 BPSK | 135 | 0 | 23.30 | 23.09 | 23.00 | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | 23.85 | 23.55 | 23.56 | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | 23.38 | 23.16 | 23.01 | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | 23.37 | 23.07 | 23.04 | |
| 100 | QPSK | 1 | 1 | 23.79 | 23.57 | 23.36 | 25.5 |
| 100 | QPSK | 1 | 137 | 23.89 | 23.56 | 23.32 | |
| 100 | QPSK | 1 | 271 | 23.88 | 23.68 | 23.49 | |
| 100 | QPSK | 135 | 0 | 23.28 | 22.59 | 22.36 | 24.5 |
| 100 | QPSK | 135 | 69 | 23.83 | 23.55 | 23.49 | 25.5 |
| 100 | QPSK | 135 | 138 | 23.35 | 22.62 | 22.51 | 24.5 |
| 100 | QPSK | 270 | 0 | 23.35 | 22.64 | 22.56 | |
| 100 | 16QAM | 1 | 1 | 22.54 | 22.91 | 22.72 | 24.5 |
| 100 | 64QAM | 1 | 1 | 21.32 | 21.25 | 21.06 | 23.0 |
| 100 | 256QAM | 1 | 1 | 19.55 | 19.18 | 18.99 | 21.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.13 | 24.02 | 23.80 | 25.5 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.12 | 24.03 | 23.83 | 25.5 |

## n77_HPUE_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.72 | 24.64 | 24.43 | 26.0 |
| 100 | PI/2 BPSK | 1 | 137 | 24.80 | 24.53 | 24.49 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.84 | 24.59 | 24.40 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.23 | 24.03 | 23.92 | 25.5 |
| 100 | PI/2 BPSK | 135 | 69 | 24.77 | 24.48 | 24.30 | 26.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.28 | 24.07 | 24.05 | 25.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.23 | 23.97 | 23.93 | |
| 100 | QPSK | 1 | 1 | 24.67 | 24.47 | 24.30 | 26.0 |
| 100 | QPSK | 1 | 137 | 24.75 | 24.51 | 24.37 | |
| 100 | QPSK | 1 | 271 | 24.77 | 24.56 | 24.40 | |
| 100 | QPSK | 135 | 0 | 23.75 | 23.48 | 23.46 | 25.0 |
| 100 | QPSK | 135 | 69 | 24.74 | 24.50 | 24.43 | 26.0 |
| 100 | QPSK | 135 | 138 | 23.79 | 23.51 | 23.36 | 25.0 |
| 100 | QPSK | 270 | 0 | 23.79 | 23.45 | 23.38 | |
| 100 | 16QAM | 1 | 1 | 23.89 | 23.70 | 23.67 | 25.0 |
| 100 | 64QAM | 1 | 1 | 22.32 | 22.16 | 22.03 | 23.5 |
| 100 | 256QAM | 1 | 1 | 20.27 | 20.06 | 19.90 | 21.5 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.72 | 24.63 | 24.42 | 26.0 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.70 | 24.60 | 24.41 | 26.0 |

## n78_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.54 | | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.50 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 23.51 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.07 | | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.50 | | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.14 | | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.08 | | |
| 100 | QPSK | 1 | 1 | | 23.50 | | 25.5 |
| 100 | QPSK | 1 | 137 | | 23.51 | | |
| 100 | QPSK | 1 | 271 | | 23.50 | | |
| 100 | QPSK | 135 | 0 | | 22.56 | | 24.5 |
| 100 | QPSK | 135 | 69 | | 23.54 | | 25.5 |
| 100 | QPSK | 135 | 138 | | 22.62 | | 24.5 |
| 100 | QPSK | 270 | 0 | | 22.56 | | |
| 100 | 16QAM | 1 | 1 | | 22.39 | | 24.5 |
| 100 | 64QAM | 1 | 1 | | 21.13 | | 23.0 |
| 100 | 256QAM | 1 | 1 | | 19.34 | | 21.0 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 23.42 | 23.50 | 23.49 | 25.5 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 23.59 | 23.63 | 23.57 | 25.5 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 23.63 | 23.60 | 23.57 | 25.5 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 23.62 | 23.62 | 23.63 | 25.5 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 23.55 | 23.63 | 23.59 | 25.5 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 23.44 | 23.59 | 23.50 | 25.5 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.53 | 23.50 | 23.49 | 25.5 |

## n78_HPUE_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 24.91 | | 26.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 24.90 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.96 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.37 | | 25.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.87 | | 26.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.40 | | 25.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.40 | | |
| 100 | QPSK | 1 | 1 | | 24.93 | | 26.0 |
| 100 | QPSK | 1 | 137 | | 24.90 | | |
| 100 | QPSK | 1 | 271 | | 24.89 | | |
| 100 | QPSK | 135 | 0 | | 23.89 | | 25.0 |
| 100 | QPSK | 135 | 69 | | 24.87 | | 26.0 |
| 100 | QPSK | 135 | 138 | | 23.93 | | 25.0 |
| 100 | QPSK | 270 | 0 | | 23.86 | | |
| 100 | 16QAM | 1 | 1 | | 23.64 | | 25.0 |
| 100 | 64QAM | 1 | 1 | | 22.47 | | 23.5 |
| 100 | 256QAM | 1 | 1 | | 20.68 | | 21.5 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.90 | 24.91 | 24.89 | 26.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.88 | 24.88 | 24.90 | 26.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 24.86 | 24.86 | 24.82 | 26.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.90 | 24.90 | 24.86 | 26.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.81 | 24.90 | 24.85 | 26.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.86 | 24.86 | 24.79 | 26.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.83 | 24.91 | 24.87 | 26.0 |

## n41_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.64 | 24.69 | 24.59 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 24.76 | 24.70 | 24.66 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.67 | 24.61 | 24.56 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.15 | 24.16 | 24.00 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 24.65 | 24.63 | 24.58 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.25 | 24.10 | 24.02 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 24.20 | 24.12 | 24.09 | |
| 100 | QPSK | 1 | 1 | 24.72 | 24.63 | 24.64 | 25.7 |
| 100 | QPSK | 1 | 137 | 24.76 | 24.56 | 24.64 | |
| 100 | QPSK | 1 | 271 | 24.67 | 24.59 | 24.57 | |
| 100 | QPSK | 135 | 0 | 23.67 | 23.66 | 23.49 | 25.7 |
| 100 | QPSK | 135 | 69 | 24.63 | 24.54 | 24.57 | |
| 100 | QPSK | 135 | 138 | 23.65 | 23.51 | 23.55 | |
| 100 | QPSK | 270 | 0 | 23.69 | 23.62 | 23.55 | 24.7 |
| 100 | 16QAM | 1 | 1 | 23.79 | 23.88 | 23.74 | 24.7 |
| 100 | 64QAM | 1 | 1 | 22.29 | 22.36 | 22.28 | 23.2 |
| 100 | 256QAM | 1 | 1 | 20.38 | 20.39 | 20.28 | 21.2 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.60 | 24.53 | 24.49 | 25.7 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.64 | 24.61 | 24.59 | 25.7 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.58 | 24.59 | 24.60 | 25.7 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.60 | 24.64 | 24.52 | 25.7 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.60 | 24.61 | 24.55 | 25.7 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.54 | 24.51 | 24.55 | 25.7 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.39 | 24.51 | 24.44 | 25.7 |

## n41_HPUE PC2_Ant 5

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.85 | 25.38 | 25.24 | 26.8 |
| 100 | PI/2 BPSK | 1 | 137 | 25.37 | 25.31 | 25.17 | |
| 100 | PI/2 BPSK | 1 | 271 | 25.37 | 25.21 | 25.07 | |
| 100 | PI/2 BPSK | 135 | 0 | 25.09 | 25.23 | 25.12 | 26.8 |
| 100 | PI/2 BPSK | 135 | 69 | 25.32 | 25.45 | 25.06 | 26.8 |
| 100 | PI/2 BPSK | 135 | 138 | 25.30 | 25.18 | 25.11 | 26.8 |
| 100 | PI/2 BPSK | 270 | 0 | 25.27 | 25.40 | 25.17 | |
| 100 | QPSK | 1 | 1 | 24.85 | 25.32 | 25.26 | 26.8 |
| 100 | QPSK | 1 | 137 | 25.37 | 25.29 | 25.13 | |
| 100 | QPSK | 1 | 271 | 25.35 | 25.20 | 25.08 | |
| 100 | QPSK | 135 | 0 | 25.09 | 25.20 | 25.13 | 26.5 |
| 100 | QPSK | 135 | 69 | 25.33 | 25.22 | 25.10 | 26.8 |
| 100 | QPSK | 135 | 138 | 25.31 | 25.17 | 25.08 | 26.5 |
| 100 | QPSK | 270 | 0 | 25.22 | 25.29 | 25.11 | |
| 100 | 16QAM | 1 | 1 | 24.82 | 25.46 | 24.80 | 26.5 |
| 100 | 64QAM | 1 | 1 | 23.33 | 24.46 | 23.08 | 25.0 |
| 100 | 256QAM | 1 | 1 | 21.57 | 22.65 | 21.94 | 23.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.71 | 25.25 | 25.17 | 26.8 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.79 | 25.34 | 25.23 | 26.8 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.84 | 25.37 | 25.14 | 26.8 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.83 | 25.37 | 25.20 | 26.8 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.79 | 25.28 | 25.18 | 26.8 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.77 | 25.28 | 25.15 | 26.8 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.76 | 25.28 | 25.17 | 26.8 |

| n41 PC3_Ant 5 | | | | | | | |
|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 23.77 | 25.03 | 23.51 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 25.17 | 24.13 | 25.19 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.71 | 24.34 | 22.70 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.09 | 24.66 | 24.02 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 25.01 | 24.67 | 24.99 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.10 | 23.86 | 24.04 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 24.14 | 24.48 | 24.22 | |
| 100 | QPSK | 1 | 1 | 23.70 | 25.02 | 23.52 | 25.7 |
| 100 | QPSK | 1 | 137 | 25.01 | 24.10 | 25.15 | |
| 100 | QPSK | 1 | 271 | 23.73 | 24.26 | 23.70 | |
| 100 | QPSK | 135 | 0 | 23.59 | 24.20 | 23.44 | 25.4 |
| 100 | QPSK | 135 | 69 | 25.02 | 24.76 | 24.90 | 25.7 |
| 100 | QPSK | 135 | 138 | 23.57 | 23.51 | 24.00 | 25.4 |
| 100 | QPSK | 270 | 0 | 23.89 | 24.11 | 24.13 | |
| 100 | 16QAM | 1 | 1 | 22.77 | 23.91 | 22.71 | 25.4 |
| 100 | 64QAM | 1 | 1 | 21.23 | 22.21 | 21.20 | 23.9 |
| 100 | 256QAM | 1 | 1 | 19.32 | 20.58 | 19.21 | 21.9 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.87 | 24.99 | 24.88 | 25.7 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.84 | 25.01 | 24.94 | 25.7 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.74 | 24.77 | 24.70 | 25.7 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.74 | 24.78 | 24.73 | 25.7 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.03 | 24.01 | 24.07 | 25.7 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.03 | 24.00 | 23.99 | 25.7 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.11 | 24.16 | 24.10 | 25.7 |

## n77_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.50 | 24.23 | 24.30 | 25.7 |
| 100 | PI/2 BPSK | 1 | 137 | 24.57 | 24.32 | 24.52 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.57 | 24.47 | 24.58 | |
| 100 | PI/2 BPSK | 135 | 0 | 23.97 | 23.74 | 23.90 | 25.2 |
| 100 | PI/2 BPSK | 135 | 69 | 24.52 | 24.25 | 24.37 | 25.7 |
| 100 | PI/2 BPSK | 135 | 138 | 24.00 | 23.82 | 24.00 | 25.2 |
| 100 | PI/2 BPSK | 270 | 0 | 23.99 | 23.82 | 23.92 | |
| 100 | QPSK | 1 | 1 | 24.40 | 24.32 | 24.42 | 25.7 |
| 100 | QPSK | 1 | 137 | 24.45 | 24.27 | 24.43 | |
| 100 | QPSK | 1 | 271 | 24.52 | 24.41 | 24.52 | |
| 100 | QPSK | 135 | 0 | 23.49 | 23.23 | 23.38 | 24.7 |
| 100 | QPSK | 135 | 69 | 24.50 | 24.31 | 24.44 | 25.7 |
| 100 | QPSK | 135 | 138 | 23.53 | 23.28 | 23.38 | 24.7 |
| 100 | QPSK | 270 | 0 | 23.48 | 23.26 | 23.36 | |
| 100 | 16QAM | 1 | 1 | 23.65 | 23.39 | 23.58 | 24.7 |
| 100 | 64QAM | 1 | 1 | 22.05 | 21.95 | 22.14 | 23.2 |
| 100 | 256QAM | 1 | 1 | 20.01 | 19.82 | 20.01 | 21.2 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.46 | 24.22 | 24.26 | 25.7 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.49 | 24.20 | 24.26 | 25.7 |

## n77_HPUE_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 25.24 | 25.10 | 25.03 | 26.5 |
| 100 | PI/2 BPSK | 1 | 137 | 25.34 | 25.16 | 25.08 | |
| 100 | PI/2 BPSK | 1 | 271 | 25.47 | 25.26 | 25.21 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.74 | 24.58 | 24.48 | 26.0 |
| 100 | PI/2 BPSK | 135 | 69 | 25.30 | 25.11 | 25.03 | 26.5 |
| 100 | PI/2 BPSK | 135 | 138 | 24.80 | 24.64 | 24.60 | 26.0 |
| 100 | PI/2 BPSK | 270 | 0 | 24.76 | 24.56 | 24.51 | |
| 100 | QPSK | 1 | 1 | 25.29 | 25.08 | 25.00 | 26.5 |
| 100 | QPSK | 1 | 137 | 25.38 | 25.14 | 25.10 | |
| 100 | QPSK | 1 | 271 | 25.45 | 25.22 | 25.19 | |
| 100 | QPSK | 135 | 0 | 24.69 | 24.52 | 24.50 | 25.5 |
| 100 | QPSK | 135 | 69 | 25.25 | 25.05 | 24.98 | 26.5 |
| 100 | QPSK | 135 | 138 | 24.41 | 24.20 | 24.18 | 25.5 |
| 100 | QPSK | 270 | 0 | 24.27 | 24.08 | 24.04 | |
| 100 | 16QAM | 1 | 1 | 24.49 | 24.29 | 24.27 | 25.5 |
| 100 | 64QAM | 1 | 1 | 22.95 | 22.70 | 22.63 | 24.0 |
| 100 | 256QAM | 1 | 1 | 20.84 | 20.65 | 20.55 | 22.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.22 | 25.08 | 25.01 | 26.5 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.23 | 25.07 | 25.02 | 26.5 |

## n78_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.98 | | 25.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.98 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.00 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.42 | | 24.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.92 | | 25.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.42 | | 24.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.46 | | |
| 100 | QPSK | 1 | 1 | | 23.91 | | 25.0 |
| 100 | QPSK | 1 | 137 | | 23.91 | | |
| 100 | QPSK | 1 | 271 | | 23.95 | | |
| 100 | QPSK | 135 | 0 | | 22.84 | | 24.0 |
| 100 | QPSK | 135 | 69 | | 23.93 | | 25.0 |
| 100 | QPSK | 135 | 138 | | 22.92 | | 24.0 |
| 100 | QPSK | 270 | 0 | | 22.91 | | |
| 100 | 16QAM | 1 | 1 | | 22.64 | | 24.0 |
| 100 | 64QAM | 1 | 1 | | 21.23 | | 22.5 |
| 100 | 256QAM | 1 | 1 | | 19.55 | | 20.5 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 23.90 | 23.92 | 23.77 | 25.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 23.93 | 23.96 | 23.70 | 25.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 23.92 | 23.91 | 23.83 | 25.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 23.86 | 23.79 | 23.82 | 25.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 23.86 | 23.90 | 23.81 | 25.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 23.88 | 23.89 | 23.67 | 25.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.87 | 23.95 | 23.89 | 25.0 |

## n78_HPUE_Ant 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 25.42 | | 26.5 |
| 100 | PI/2 BPSK | 1 | 137 | | 25.45 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 25.49 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.90 | | 26.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 25.42 | | 26.5 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.93 | | 26.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.92 | | |
| 100 | QPSK | 1 | 1 | | 25.44 | | 26.5 |
| 100 | QPSK | 1 | 137 | | 25.37 | | |
| 100 | QPSK | 1 | 271 | | 25.43 | | |
| 100 | QPSK | 135 | 0 | | 24.35 | | 25.5 |
| 100 | QPSK | 135 | 69 | | 25.35 | | 26.5 |
| 100 | QPSK | 135 | 138 | | 24.45 | | 25.5 |
| 100 | QPSK | 270 | 0 | | 24.41 | | |
| 100 | 16QAM | 1 | 1 | | 24.19 | | 25.5 |
| 100 | 64QAM | 1 | 1 | | 22.95 | | 24.0 |
| 100 | 256QAM | 1 | 1 | | 21.18 | | 22.0 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 25.38 | 25.40 | 25.36 | 26.5 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 25.44 | 25.38 | 25.41 | 26.5 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 25.37 | 25.43 | 25.41 | 26.5 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 25.42 | 25.39 | 25.26 | 26.5 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 25.43 | 25.44 | 25.47 | 26.5 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 25.33 | 25.38 | 25.36 | 26.5 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 25.32 | 25.32 | 25.46 | 26.5 |

## n41_Ant 0

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 509202 | 518598 | 528000 | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.76 | 24.70 | 24.68 | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | 24.71 | 24.68 | 24.68 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.64 | 24.80 | 24.78 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.74 | 24.58 | 24.55 | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | 24.71 | 24.60 | 24.54 | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | 24.63 | 24.60 | 24.55 | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | 24.70 | 24.64 | 24.61 | |
| 100 | QPSK | 1 | 1 | 24.76 | 24.67 | 24.58 | 25.5 |
| 100 | QPSK | 1 | 137 | 24.71 | 24.66 | 24.57 | |
| 100 | QPSK | 1 | 271 | 24.64 | 24.67 | 24.59 | |
| 100 | QPSK | 135 | 0 | 24.76 | 24.59 | 24.58 | 25.5 |
| 100 | QPSK | 135 | 69 | 24.70 | 24.55 | 24.50 | 25.5 |
| 100 | QPSK | 135 | 138 | 24.64 | 24.57 | 24.57 | 25.5 |
| 100 | QPSK | 270 | 0 | 24.71 | 24.66 | 24.60 | |
| 100 | 16QAM | 1 | 1 | 24.65 | 24.59 | 24.58 | 25.5 |
| 100 | 64QAM | 1 | 1 | 24.48 | 24.49 | 24.45 | 25.5 |
| 100 | 256QAM | 1 | 1 | 22.36 | 22.33 | 22.23 | 22.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.66 | 24.61 | 24.46 | 25.5 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.66 | 24.61 | 24.53 | 25.5 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.72 | 24.69 | 24.60 | 25.5 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.63 | 24.60 | 24.44 | 25.5 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.68 | 24.69 | 24.61 | 25.5 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | |
| 30 | PI/2 BPSK | 1 | 1 | 24.56 | 24.54 | 24.36 | 25.5 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.69 | 24.60 | 24.63 | 25.5 |

## n77_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 23.84 | 23.76 | 23.53 | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | 23.94 | 23.65 | 23.60 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.91 | 23.72 | 23.50 | |
| 100 | PI/2 BPSK | 135 | 0 | 23.30 | 23.09 | 23.00 | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | 23.85 | 23.55 | 23.56 | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | 23.38 | 23.16 | 23.01 | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | 23.37 | 23.07 | 23.04 | |
| 100 | QPSK | 1 | 1 | 23.79 | 23.57 | 23.36 | 25.5 |
| 100 | QPSK | 1 | 137 | 23.89 | 23.56 | 23.32 | |
| 100 | QPSK | 1 | 271 | 23.88 | 23.68 | 23.49 | |
| 100 | QPSK | 135 | 0 | 23.28 | 22.59 | 22.36 | 24.5 |
| 100 | QPSK | 135 | 69 | 23.83 | 23.55 | 23.49 | 25.5 |
| 100 | QPSK | 135 | 138 | 23.35 | 22.62 | 22.51 | 24.5 |
| 100 | QPSK | 270 | 0 | 23.35 | 22.64 | 22.56 | |
| 100 | 16QAM | 1 | 1 | 22.54 | 22.91 | 22.72 | 24.5 |
| 100 | 64QAM | 1 | 1 | 21.32 | 21.25 | 21.06 | 23.0 |
| 100 | 256QAM | 1 | 1 | 19.55 | 19.18 | 18.99 | 21.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.13 | 24.02 | 23.80 | 25.5 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.12 | 24.03 | 23.83 | 25.5 |

## n77_HPUE_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 656000 | 662000 | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | |
| 100 | PI/2 BPSK | 1 | 1 | 24.72 | 24.64 | 24.43 | 26.0 |
| 100 | PI/2 BPSK | 1 | 137 | 24.80 | 24.53 | 24.49 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.84 | 24.59 | 24.40 | |
| 100 | PI/2 BPSK | 135 | 0 | 24.23 | 24.03 | 23.92 | 25.5 |
| 100 | PI/2 BPSK | 135 | 69 | 24.77 | 24.48 | 24.30 | 26.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.28 | 24.07 | 24.05 | 25.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.23 | 23.97 | 23.93 | |
| 100 | QPSK | 1 | 1 | 24.67 | 24.47 | 24.30 | 26.0 |
| 100 | QPSK | 1 | 137 | 24.75 | 24.51 | 24.37 | |
| 100 | QPSK | 1 | 271 | 24.77 | 24.56 | 24.40 | |
| 100 | QPSK | 135 | 0 | 23.75 | 23.48 | 23.46 | 25.0 |
| 100 | QPSK | 135 | 69 | 24.74 | 24.50 | 24.43 | 26.0 |
| 100 | QPSK | 135 | 138 | 23.79 | 23.51 | 23.36 | 25.0 |
| 100 | QPSK | 270 | 0 | 23.79 | 23.45 | 23.38 | |
| 100 | 16QAM | 1 | 1 | 23.89 | 23.70 | 23.67 | 25.0 |
| 100 | 64QAM | 1 | 1 | 22.32 | 22.16 | 22.03 | 23.5 |
| 100 | 256QAM | 1 | 1 | 20.27 | 20.06 | 19.90 | 21.5 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.72 | 24.63 | 24.42 | 26.0 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.70 | 24.60 | 24.41 | 26.0 |

## n78_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.54 | | 25.5 |
| 100 | PI/2 BPSK | 1 | 137 | | 23.50 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 23.51 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.07 | | 25.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 23.50 | | 25.5 |
| 100 | PI/2 BPSK | 135 | 138 | | 23.14 | | 25.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 23.08 | | |
| 100 | QPSK | 1 | 1 | | 23.50 | | 25.5 |
| 100 | QPSK | 1 | 137 | | 23.51 | | |
| 100 | QPSK | 1 | 271 | | 23.50 | | |
| 100 | QPSK | 135 | 0 | | 22.56 | | 24.5 |
| 100 | QPSK | 135 | 69 | | 23.54 | | 25.5 |
| 100 | QPSK | 135 | 138 | | 22.62 | | 24.5 |
| 100 | QPSK | 270 | 0 | | 22.56 | | |
| 100 | 16QAM | 1 | 1 | | 22.39 | | 24.5 |
| 100 | 64QAM | 1 | 1 | | 21.13 | | 23.0 |
| 100 | 256QAM | 1 | 1 | | 19.34 | | 21.0 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 23.42 | 23.50 | 23.49 | 25.5 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 23.59 | 23.63 | 23.57 | 25.5 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 23.63 | 23.60 | 23.57 | 25.5 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 23.62 | 23.62 | 23.63 | 25.5 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 23.55 | 23.63 | 23.59 | 25.5 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 23.44 | 23.59 | 23.50 | 25.5 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 23.53 | 23.50 | 23.49 | 25.5 |

## n78_HPUE_Ant 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 650000 | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | |
| 100 | PI/2 BPSK | 1 | 1 | | 24.91 | | 26.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 24.90 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 24.96 | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.37 | | 25.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 24.87 | | 26.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.40 | | 25.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 24.40 | | |
| 100 | QPSK | 1 | 1 | | 24.93 | | 26.0 |
| 100 | QPSK | 1 | 137 | | 24.90 | | |
| 100 | QPSK | 1 | 271 | | 24.89 | | |
| 100 | QPSK | 135 | 0 | | 23.89 | | 25.0 |
| 100 | QPSK | 135 | 69 | | 24.87 | | 26.0 |
| 100 | QPSK | 135 | 138 | | 23.93 | | 25.0 |
| 100 | QPSK | 270 | 0 | | 23.86 | | |
| 100 | 16QAM | 1 | 1 | | 23.64 | | 25.0 |
| 100 | 64QAM | 1 | 1 | | 22.47 | | 23.5 |
| 100 | 256QAM | 1 | 1 | | 20.68 | | 21.5 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | |
| 90 | PI/2 BPSK | 1 | 1 | 24.90 | 24.91 | 24.89 | 26.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | |
| 80 | PI/2 BPSK | 1 | 1 | 24.88 | 24.88 | 24.90 | 26.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | |
| 70 | PI/2 BPSK | 1 | 1 | 24.86 | 24.86 | 24.82 | 26.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | |
| 60 | PI/2 BPSK | 1 | 1 | 24.90 | 24.90 | 24.86 | 26.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | |
| 50 | PI/2 BPSK | 1 | 1 | 24.81 | 24.90 | 24.85 | 26.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | |
| 40 | PI/2 BPSK | 1 | 1 | 24.86 | 24.86 | 24.79 | 26.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | |
| 20 | PI/2 BPSK | 1 | 1 | 24.83 | 24.91 | 24.87 | 26.0 |

| 2.4GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 19.70 | 20.00 | 100 | 19.50 | 20.00 | 100 | 19.60 | 20.00 | 19.40 | 20.00 | 22.51 | 23.0 | 100 |
| | | 6 | 2437 | 19.50 | 20.00 | | 19.60 | 20.00 | | 19.90 | 20.00 | 19.40 | 20.00 | 22.67 | 23.0 | |
| | | 11 | 2462 | 19.50 | 20.00 | | 19.60 | 20.00 | | 19.70 | 20.00 | 19.50 | 20.00 | 22.61 | 23.0 | |
| | 802.11g 6Mbps | 1 | 2412 | Not required | 17.50 | Not required | Not required | 17.50 | Not required | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 6 | 2437 | | 20.00 | | | 20.00 | | | 20.00 | | 20.00 | | 23.0 | |
| | | 11 | 2462 | | 18.00 | | | 18.00 | | | 18.00 | | 18.00 | | 21.0 | |
| | 802.11n-HT20 MCS0 | 1 | 2412 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 6 | 2437 | | 19.50 | | | 19.50 | | | 19.50 | | 19.50 | | 22.5 | |
| | | 11 | 2462 | | 16.00 | | | 16.00 | | | 16.00 | | 16.00 | | 19.0 | |
| | 802.11ac-VHT20 MCS0 | 1 | 2412 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 6 | 2437 | | 19.50 | | | 19.50 | | | 19.50 | | 19.50 | | 22.5 | |
| | | 11 | 2462 | | 16.00 | | | 16.00 | | | 16.00 | | 16.00 | | 19.0 | |

| 5GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps | 36 | 5180 | Not required | 17.50 | Not required | Not required | 17.50 | Not required | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 40 | 5200 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 44 | 5220 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 48 | 5240 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11n-HT20 MCS0 | 36 | 5180 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 40 | 5200 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 44 | 5220 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 48 | 5240 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11n-HT40 MCS0 | 38 | 5190 | | 17.00 | | | 17.00 | | | 17.00 | | 17.00 | | 20.0 | |
| | | 46 | 5230 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT20 MCS0 | 36 | 5180 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 40 | 5200 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 44 | 5220 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 48 | 5240 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT40 MCS0 | 38 | 5190 | | 17.00 | | | 17.00 | | | 17.00 | | 17.00 | | 20.0 | |
| | | 46 | 5230 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT80 MCS0 | 42 | 5210 | | 16.50 | | | 16.50 | | | 16.50 | | 16.50 | | 19.5 | |

| 5GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.3GHz WLAN | 802.11a 6Mbps | 52 | 5260 | Not required | 17.50 | Not required | Not required | 17.50 | Not required | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 56 | 5280 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 60 | 5300 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 64 | 5320 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11n-HT20 MCS0 | 52 | 5260 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 56 | 5280 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 60 | 5300 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 64 | 5320 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11n-HT40 MCS0 | 54 | 5270 | 17.20 | 17.50 | 95.88 | 17.10 | 17.50 | 95.30 | 17.50 | 17.50 | 17.20 | 17.50 | 20.36 | 20.5 | 95.37 |
| | | 62 | 5310 | 16.70 | 17.00 | | 16.10 | 17.00 | | 16.80 | 17.00 | 16.30 | 17.00 | 19.57 | 20.0 | |
| | 802.11ac-VHT20 MCS0 | 52 | 5260 | Not required | 17.50 | Not required | Not required | 17.50 | Not required | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 56 | 5280 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 60 | 5300 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 64 | 5320 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT40 MCS0 | 54 | 5270 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 62 | 5310 | | 17.00 | | | 17.00 | | | 17.00 | | 17.00 | | 20.0 | |
| | 802.11ac-VHT80 MCS0 | 58 | 5290 | | 16.00 | | | 16.00 | | | 16.00 | | 16.00 | | 19.0 | |

| 5GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.5GHz WLAN | 802.11a 6Mbps | 100 | 5500 | Not required | 17.50 | Not required | Not required | 17.50 | Not required | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 116 | 5580 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 124 | 5620 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 132 | 5660 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 144 | 5720 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11n-HT20 MCS0 | 100 | 5500 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 116 | 5580 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 124 | 5620 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 132 | 5660 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 144 | 5720 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11n-HT40 MCS0 | 102 | 5510 | 15.70 | 16.00 | 95.88 | 15.30 | 16.00 | 95.30 | 15.60 | 16.00 | 15.90 | 16.00 | 18.76 | 19.0 | 95.37 |
| | | 110 | 5550 | 17.20 | 17.50 | | 16.60 | 17.50 | | 17.40 | 17.50 | 16.80 | 17.50 | 20.12 | 20.5 | |
| | | 126 | 5630 | 17.10 | 17.50 | | 16.40 | 17.50 | | 17.40 | 17.50 | 16.80 | 17.50 | 20.12 | 20.5 | |
| | | 134 | 5670 | 17.30 | 17.50 | | 16.60 | 17.50 | | 17.50 | 17.50 | 16.70 | 17.50 | 20.13 | 20.5 | |
| | | 142 | 5710 | 16.90 | 17.50 | | 16.90 | 17.50 | | 17.50 | 17.50 | 16.70 | 17.50 | 20.13 | 20.5 | |
| | 802.11ac-VHT20 MCS0 | 100 | 5500 | Not required | 17.50 | Not required | Not required | 17.50 | Not required | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 116 | 5580 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 124 | 5620 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 132 | 5660 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 144 | 5720 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT40 MCS0 | 102 | 5510 | | 16.00 | | | 16.00 | | | 16.00 | | 16.00 | | 19.0 | |
| | | 110 | 5550 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 126 | 5630 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 134 | 5670 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 142 | 5710 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT80 MCS0 | 106 | 5530 | | 14.50 | | | 14.50 | | | 14.50 | | 14.50 | | 17.5 | |
| | | 122 | 5610 | | 17.00 | | | 17.00 | | | 17.00 | | 17.00 | | 20.0 | |
| | | 138 | 5690 | | 17.00 | | | 17.00 | | | 17.00 | | 17.00 | | 20.0 | |

| 5GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps | 149 | 5745 | 19.30 | 19.50 | 97.94 | 19.30 | 19.50 | 97.96 | 19.50 | 19.50 | 18.30 | 19.50 | 21.95 | 22.5 | 97.81 |
| | | 157 | 5785 | 19.20 | 19.50 | | 19.20 | 19.50 | | 19.20 | 19.50 | 19.30 | 19.50 | 22.26 | 22.5 | |
| | | 165 | 5825 | 19.20 | 19.50 | | 19.00 | 19.50 | | 19.20 | 19.50 | 19.00 | 19.50 | 22.11 | 22.5 | |
| | 802.11n-HT20 MCS0 | 149 | 5745 | Not required | 19.50 | Not required | Not required | 19.50 | Not required | Not required | 19.50 | Not required | 19.50 | Not required | 22.5 | Not required |
| | | 157 | 5785 | | 19.50 | | | 19.50 | | | 19.50 | | 19.50 | | 22.5 | |
| | | 165 | 5825 | | 19.50 | | | 19.50 | | | 19.50 | | 19.50 | | 22.5 | |
| | 802.11n-HT40 MCS0 | 151 | 5755 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 159 | 5795 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT20 MCS0 | 149 | 5745 | | 19.50 | | | 19.50 | | | 19.50 | | 19.50 | | 22.5 | |
| | | 157 | 5785 | | 19.50 | | | 19.50 | | | 19.50 | | 19.50 | | 22.5 | |
| | | 165 | 5825 | | 19.50 | | | 19.50 | | | 19.50 | | 19.50 | | 22.5 | |
| | 802.11ac-VHT40 MCS0 | 151 | 5755 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 159 | 5795 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT80 MCS0 | 155 | 5775 | | 17.00 | | | 17.00 | | | 17.00 | | 17.00 | | 20.0 | |

| 2.4GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 15.70 | 16.00 | 100 | 18.80 | 19.00 | 100 | 17.80 | 18.00 | 19.90 | 20.00 | 21.99 | 22.1 | 100 |
| | | 6 | 2437 | 15.90 | 16.00 | | 18.90 | 19.00 | | 17.60 | 18.00 | 19.80 | 20.00 | 21.85 | 22.1 | |
| | | 11 | 2462 | 15.90 | 16.00 | | 18.90 | 19.00 | | 17.60 | 18.00 | 19.80 | 20.00 | 21.85 | 22.1 | |
| | 802.11g 6Mbps | 1 | 2412 | Not required | 16.00 | Not required | Not required | 17.50 | Not required | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 6 | 2437 | | 16.00 | | | 19.00 | | | 18.00 | | 20.00 | | 22.1 | |
| | | 11 | 2462 | | 16.00 | | | 18.00 | | | 18.00 | | 18.00 | | 21.0 | |
| | 802.11n-HT20 MCS0 | 1 | 2412 | | 16.00 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 6 | 2437 | | 16.00 | | | 19.00 | | | 18.00 | | 19.50 | | 21.8 | |
| | | 11 | 2462 | | 16.00 | | | 16.00 | | | 16.00 | | 16.00 | | 19.0 | |
| | 802.11ac-VHT20 MCS0 | 1 | 2412 | | 16.00 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 6 | 2437 | | 16.00 | | | 19.00 | | | 18.00 | | 19.50 | | 21.8 | |
| | | 11 | 2462 | | 16.00 | | | 16.00 | | | 16.00 | | 16.00 | | 19.0 | |

| 5GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps | 36 | 5180 | Not required | 15.50 | Not required | Not required | 17.00 | Not required | Not required | 15.50 | Not required | 17.50 | Not required | 19.6 | Not required |
| | | 40 | 5200 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 44 | 5220 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 48 | 5240 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | 802.11n-HT20 MCS0 | 36 | 5180 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 40 | 5200 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 44 | 5220 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 48 | 5240 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | 802.11n-HT40 MCS0 | 38 | 5190 | | 15.50 | | | 17.00 | | | 15.50 | | 17.00 | | 19.3 | |
| | | 46 | 5230 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | 802.11ac-VHT20 MCS0 | 36 | 5180 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 40 | 5200 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 44 | 5220 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 48 | 5240 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | 802.11ac-VHT40 MCS0 | 38 | 5190 | | 15.50 | | | 17.00 | | | 15.50 | | 17.00 | | 19.3 | |
| | | 46 | 5230 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | 802.11ac-VHT80 MCS0 | 42 | 5210 | | 15.50 | | | 16.50 | | | 15.50 | | 16.50 | | 19.0 | |

| 5GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.3GHz WLAN | 802.11a 6Mbps | 52 | 5260 | Not required | 15.50 | Not required | Not required | 17.00 | Not required | Not required | 15.50 | Not required | 17.50 | Not required | 19.6 | Not required |
| | | 56 | 5280 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 60 | 5300 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 64 | 5320 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | 802.11n-HT20 MCS0 | 52 | 5260 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 56 | 5280 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 60 | 5300 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 64 | 5320 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | 802.11n-HT40 MCS0 | 54 | 5270 | | 15.50 | | 16.70 | 17.00 | 95.30 | 15.20 | 15.50 | 17.20 | 17.50 | 19.32 | 19.6 | 95.37 |
| | | 62 | 5310 | | 15.50 | | 16.10 | 17.00 | | 15.20 | 15.50 | 16.90 | 17.00 | 19.14 | 19.3 | |
| | 802.11ac-VHT20 MCS0 | 52 | 5260 | | 15.50 | | Not required | 17.00 | Not required | Not required | 15.50 | Not required | 17.50 | Not required | 19.6 | Not required |
| | | 56 | 5280 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 60 | 5300 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 64 | 5320 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | 802.11ac-VHT40 MCS0 | 54 | 5270 | | 15.50 | | | 17.00 | | | 15.50 | | 17.50 | | 19.6 | |
| | | 62 | 5310 | | 15.50 | | | 17.00 | | | 15.50 | | 17.00 | | 19.3 | |
| | 802.11ac-VHT80 MCS0 | 58 | 5290 | 15.50 | 15.50 | 92.11 | | 16.00 | | | 15.50 | | 16.00 | | 18.8 | |

| 5GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.5GHz WLAN | 802.11a 6Mbps | 100 | 5500 | Not required | 14.50 | Not required | Not required | 15.00 | Not required | Not required | 14.50 | Not required | 15.50 | Not required | 18.0 | Not required |
| | | 116 | 5580 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 124 | 5620 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 132 | 5660 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 144 | 5720 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | 802.11n-HT20 MCS0 | 100 | 5500 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 116 | 5580 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 124 | 5620 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 132 | 5660 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 144 | 5720 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | 802.11n-HT40 MCS0 | 102 | 5510 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 110 | 5550 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 126 | 5630 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 134 | 5670 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 142 | 5710 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | 802.11ac-VHT20 MCS0 | 100 | 5500 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 116 | 5580 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 124 | 5620 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 132 | 5660 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 144 | 5720 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | 802.11ac-VHT40 MCS0 | 102 | 5510 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 110 | 5550 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 126 | 5630 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 134 | 5670 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | | 142 | 5710 | | 14.50 | | | 15.00 | | | 14.50 | | 15.50 | | 18.0 | |
| | 802.11ac-VHT80 MCS0 | 106 | 5530 | 14.00 | 14.50 | 92.11 | 14.10 | 14.50 | 92.62 | 14.30 | 14.50 | 14.40 | 14.50 | 17.36 | 17.5 | 91.78 |
| | | 122 | 5610 | 14.20 | 14.50 | | 14.50 | 15.00 | | 14.40 | 14.50 | 15.40 | 15.50 | 17.94 | 18.0 | |
| | | 138 | 5690 | 14.20 | 14.50 | | 14.60 | 15.00 | | 14.40 | 14.50 | 15.10 | 15.50 | 17.77 | 18.0 | |

| 5GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps | 149 | 5745 | Not required | 15.00 | Not required | Not required | 15.00 | Not required | Not required | 14.50 | Not required | 17.00 | Not required | 18.9 | Not required |
| | | 157 | 5785 | | 15.00 | | | 15.00 | | | 14.50 | | 17.00 | | 18.9 | |
| | | 165 | 5825 | | 15.00 | | | 15.00 | | | 14.50 | | 17.00 | | 18.9 | |
| | 802.11n-HT20 MCS0 | 149 | 5745 | | 15.00 | | | 15.00 | | | 14.50 | | 17.00 | | 18.9 | |
| | | 157 | 5785 | | 15.00 | | | 15.00 | | | 14.50 | | 17.00 | | 18.9 | |
| | | 165 | 5825 | | 15.00 | | | 15.00 | | | 14.50 | | 17.00 | | 18.9 | |
| | 802.11n-HT40 MCS0 | 151 | 5755 | | 15.00 | | | 15.00 | | | 14.50 | | 17.00 | | 18.9 | |
| | | 159 | 5795 | | 15.00 | | | 15.00 | | | 14.50 | | 17.00 | | 18.9 | |
| | 802.11ac-VHT20 MCS0 | 149 | 5745 | | 15.00 | | | 15.00 | | | 14.50 | | 17.00 | | 18.9 | |
| | | 157 | 5785 | | 15.00 | | | 15.00 | | | 14.50 | | 17.00 | | 18.9 | |
| | | 165 | 5825 | | 15.00 | | | 15.00 | | | 14.50 | | 17.00 | | 18.9 | |
| | 802.11ac-VHT40 MCS0 | 151 | 5755 | | 15.00 | | | 15.00 | | | 14.50 | | 17.00 | | 18.9 | |
| | | 159 | 5795 | | 15.00 | | | 15.00 | | | 14.50 | | 17.00 | | 18.9 | |
| | 802.11ac-VHT80 MCS0 | 155 | 5775 | 14.70 | 15.00 | 92.11 | 14.70 | 15.00 | 92.62 | 14.50 | 14.50 | 16.60 | 17.00 | 18.69 | 18.9 | 91.78 |

| 2.4GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 19.70 | 20.00 | 100 | 19.50 | 20.00 | 100 | 19.60 | 20.00 | 19.40 | 20.00 | 22.51 | 23.0 | 100 |
| | | 6 | 2437 | 19.50 | 20.00 | | 19.60 | 20.00 | | 19.90 | 20.00 | 19.40 | 20.00 | 22.67 | 23.0 | |
| | | 11 | 2462 | 19.50 | 20.00 | | 19.60 | 20.00 | | 19.70 | 20.00 | 19.50 | 20.00 | 22.61 | 23.0 | |
| | 802.11g 6Mbps | 1 | 2412 | Not required | 17.50 | Not required | Not required | 17.50 | Not required | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 6 | 2437 | | 20.00 | | | 20.00 | | | 20.00 | | 20.00 | | 23.0 | |
| | | 11 | 2462 | | 18.00 | | | 18.00 | | | 18.00 | | 18.00 | | 21.0 | |
| | 802.11n-HT20 MCS0 | 1 | 2412 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 6 | 2437 | | 19.50 | | | 19.50 | | | 19.50 | | 19.50 | | 22.5 | |
| | | 11 | 2462 | | 16.00 | | | 16.00 | | | 16.00 | | 16.00 | | 19.0 | |
| | 802.11ac-VHT20 MCS0 | 1 | 2412 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 6 | 2437 | | 19.50 | | | 19.50 | | | 19.50 | | 19.50 | | 22.5 | |
| | | 11 | 2462 | | 16.00 | | | 16.00 | | | 16.00 | | 16.00 | | 19.0 | |

| 5GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps | 36 | 5180 | Not required | 17.50 | Not required | Not required | 17.50 | Not required | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 40 | 5200 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 44 | 5220 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 48 | 5240 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11n-HT20 MCS0 | 36 | 5180 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 40 | 5200 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 44 | 5220 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 48 | 5240 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11n-HT40 MCS0 | 38 | 5190 | 16.60 | 17.00 | 95.88 | 16.40 | 17.00 | 95.30 | 17.00 | 17.00 | 16.10 | 17.00 | 19.58 | 20.0 | 95.37 |
| | | 46 | 5230 | 17.10 | 17.50 | | 16.90 | 17.50 | | 17.40 | 17.50 | 16.80 | 17.50 | 20.12 | 20.5 | |
| | 802.11ac-VHT20 MCS0 | 36 | 5180 | Not required | 17.50 | Not required | Not required | 17.50 | Not required | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 40 | 5200 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 44 | 5220 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 48 | 5240 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT40 MCS0 | 38 | 5190 | | 17.00 | | | 17.00 | | | 17.00 | | 17.00 | | 20.0 | |
| | | 46 | 5230 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT80 MCS0 | 42 | 5210 | | 16.50 | | | 16.50 | | | 16.50 | | 16.50 | | 19.5 | |

| 5GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.3GHz WLAN | 802.11a 6Mbps | 52 | 5260 | Not required | 17.50 | Not required | Not required | 17.50 | Not required | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 56 | 5280 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 60 | 5300 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 64 | 5320 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11n-HT20 MCS0 | 52 | 5260 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 56 | 5280 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 60 | 5300 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 64 | 5320 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11n-HT40 MCS0 | 54 | 5270 | 17.20 | 17.50 | 95.88 | 17.10 | 17.50 | 95.30 | 17.50 | 17.50 | 17.20 | 17.50 | 20.36 | 20.5 | 95.37 |
| | | 62 | 5310 | 16.70 | 17.00 | | 16.10 | 17.00 | | 16.80 | 17.00 | 16.30 | 17.00 | 19.57 | 20.0 | |
| | 802.11ac-VHT20 MCS0 | 52 | 5260 | Not required | 17.50 | Not required | Not required | 17.50 | Not required | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 56 | 5280 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 60 | 5300 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 64 | 5320 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT40 MCS0 | 54 | 5270 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 62 | 5310 | | 17.00 | | | 17.00 | | | 17.00 | | 17.00 | | 20.0 | |
| | 802.11ac-VHT80 MCS0 | 58 | 5290 | | 16.00 | | | 16.00 | | | 16.00 | | 16.00 | | 19.0 | |

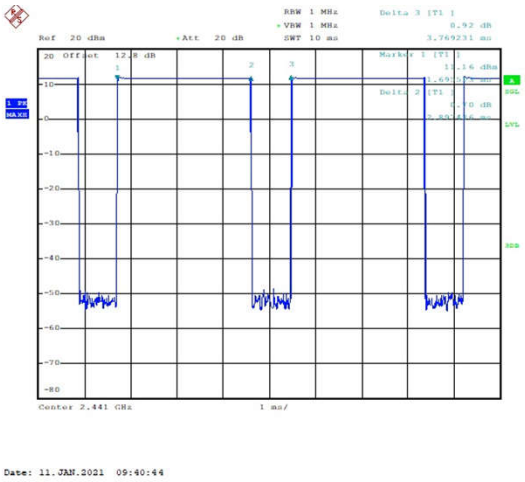
| 5GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.5GHz WLAN | 802.11a 6Mbps | 100 | 5500 | Not required | 17.50 | Not required | Not required | 15.00 | Not required | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 116 | 5580 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 124 | 5620 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 132 | 5660 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 144 | 5720 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11n-HT20 MCS0 | 100 | 5500 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 116 | 5580 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 124 | 5620 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 132 | 5660 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 144 | 5720 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11n-HT40 MCS0 | 102 | 5510 | 15.70 | 16.00 | 95.88 | Not required | 15.00 | Not required | 15.60 | 16.00 | 15.90 | 16.00 | 18.76 | 19.0 | 95.37 |
| | | 110 | 5550 | 17.20 | 17.50 | | | 15.00 | | 17.40 | 17.50 | 16.80 | 17.50 | 20.12 | 20.5 | |
| | | 126 | 5630 | 17.10 | 17.50 | | | 15.00 | | 17.40 | 17.50 | 16.80 | 17.50 | 20.12 | 20.5 | |
| | | 134 | 5670 | 17.30 | 17.50 | | | 15.00 | | 17.50 | 17.50 | 16.70 | 17.50 | 20.13 | 20.5 | |
| | | 142 | 5710 | 16.90 | 17.50 | | | 15.00 | | 17.50 | 17.50 | 16.70 | 17.50 | 20.13 | 20.5 | |
| | 802.11ac-VHT20 MCS0 | 100 | 5500 | Not required | 17.50 | Not required | | 15.00 | | Not required | 17.50 | Not required | 17.50 | Not required | 20.5 | Not required |
| | | 116 | 5580 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 124 | 5620 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 132 | 5660 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 144 | 5720 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT40 MCS0 | 102 | 5510 | | 16.00 | | | 15.00 | | | 16.00 | | 16.00 | | 19.0 | |
| | | 110 | 5550 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 126 | 5630 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 134 | 5670 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 142 | 5710 | | 17.50 | | | 15.00 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT80 MCS0 | 106 | 5530 | | 14.50 | | 14.10 | 14.50 | 92.62 | | 14.50 | | 14.50 | | 17.5 | |
| | | 122 | 5610 | | 17.00 | | 14.50 | 15.00 | | | 17.00 | | 17.00 | | 20.0 | |
| | | 138 | 5690 | | 17.00 | | 14.60 | 15.00 | | | 17.00 | | 17.00 | | 20.0 | |

| 5GHz WLAN | Ant 4 | | | | | | Ant 3 | | | Ant 4+3(4) | | Ant 4+3(3) | | Ant 4+3 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps | 149 | 5745 | 19.30 | 19.50 | 97.94 | Not required | 17.50 | Not required | 19.50 | 19.50 | 18.30 | 19.50 | 21.95 | 22.5 | 97.81 |
| | | 157 | 5785 | 19.20 | 19.50 | | | 17.50 | | 19.20 | 19.50 | 19.30 | 19.50 | 22.26 | 22.5 | |
| | | 165 | 5825 | 19.20 | 19.50 | | | 17.50 | | 19.20 | 19.50 | 19.00 | 19.50 | 22.11 | 22.5 | |
| | 802.11n-HT20 MCS0 | 149 | 5745 | Not required | 19.50 | Not required | | 17.50 | | Not required | 19.50 | Not required | 19.50 | Not required | 22.5 | Not required |
| | | 157 | 5785 | | 19.50 | | | 17.50 | | | 19.50 | | 19.50 | | 22.5 | |
| | | 165 | 5825 | | 19.50 | | | 17.50 | | | 19.50 | | 19.50 | | 22.5 | |
| | 802.11n-HT40 MCS0 | 151 | 5755 | | 17.50 | | 17.20 | 17.50 | 95.30 | | 17.50 | | 17.50 | | 20.5 | |
| | | 159 | 5795 | | 17.50 | | 17.30 | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT20 MCS0 | 149 | 5745 | | 19.50 | | Not required | 17.50 | Not required | | 19.50 | | 19.50 | | 22.5 | |
| | | 157 | 5785 | | 19.50 | | | 17.50 | | | 19.50 | | 19.50 | | 22.5 | |
| | | 165 | 5825 | | 19.50 | | | 17.50 | | | 19.50 | | 19.50 | | 22.5 | |
| | 802.11ac-VHT40 MCS0 | 151 | 5755 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | | 159 | 5795 | | 17.50 | | | 17.50 | | | 17.50 | | 17.50 | | 20.5 | |
| | 802.11ac-VHT80 MCS0 | 155 | 5775 | | 17.00 | | | 17.00 | | | 17.00 | | 17.00 | | 20.0 | |

| Mode | Channel | Frequency (MHz) | Average power (dBm) | | |
|---|---|---|---|---|---|
| | | | 1Mbps | 2Mbps | 3Mbps |
| BR / EDR | CH 00 | 2402 | 17.75 | 17.95 | 17.85 |
| | CH 39 | 2441 | 17.98 | 17.23 | 17.21 |
| | CH 78 | 2480 | 17.26 | 16.55 | 16.44 |
| Tune-up Limit | | | 18.00 | 18.00 | 18.00 |

| Mode | Channel | Frequency (MHz) | Average power (dBm) | |
|---|---|---|---|---|
| | | | 1Mbps | 2Mbps |
| LE | CH 00 | 2402 | 17.60 | 17.40 |
| | CH 19 | 2440 | 17.90 | 17.70 |
| | CH 39 | 2480 | 17.60 | 17.40 |
| Tune-up Limit | | | 18.00 | 18.00 |

BT Duty cycle



| Mode | Channel | Frequency (MHz) | Average power (dBm) | | |
|---|---|---|---|---|---|
| | | | 1Mbps | 2Mbps | 3Mbps |
| BR / EDR | CH 00 | 2402 | 13.20 | 12.50 | 12.20 |
| | CH 39 | 2441 | 13.90 | 13.10 | 12.70 |
| | CH 78 | 2480 | 14.30 | 13.70 | 13.40 |
| Tune-up Limit | | | 14.50 | 14.50 | 14.50 |

| Mode | Channel | Frequency (MHz) | Average power (dBm) | |
|---|---|---|---|---|
| | | | 1Mbps | 2Mbps |
| LE | CH 00 | 2402 | 13.30 | 13.20 |
| | CH 19 | 2440 | 13.80 | 13.60 |
| | CH 39 | 2480 | 13.90 | 13.80 |
| Tune-up Limit | | | 14.5 | 14.5 |

| Mode | Channel | Frequency (MHz) | Average power (dBm) | | |
|---|---|---|---|---|---|
| | | | 1Mbps | 2Mbps | 3Mbps |
| BR / EDR | CH 00 | 2402 | 17.75 | 17.95 | 17.85 |
| | CH 39 | 2441 | 17.98 | 17.23 | 17.21 |
| | CH 78 | 2480 | 17.26 | 16.55 | 16.44 |
| Tune-up Limit | | | 18.00 | 18.00 | 18.00 |

| Mode | Channel | Frequency (MHz) | Average power (dBm) | |
|---|---|---|---|---|
| | | | 1Mbps | 2Mbps |
| LE | CH 00 | 2402 | 17.60 | 17.40 |
| | CH 19 | 2440 | 17.90 | 17.70 |
| | CH 39 | 2480 | 17.60 | 17.40 |
| Tune-up Limit | | | 18.00 | 18.00 |