



Full Power Mode

| GSM900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| | 128 | 188 | 251 | | 128 | 188 | 251 | |
| Frequency (MHz) | 824.2 | 835.4 | 846.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.90 | 32.96 | 32.72 | 33.50 | 23.90 | 23.96 | 23.72 | 24.50 |
| GPRS 1 Tx slot | 32.91 | 33.00 | 32.87 | 33.50 | 23.91 | 24.00 | 23.87 | 24.50 |
| GPRS 2 Tx slots | 30.77 | 30.86 | 30.76 | 32.00 | 24.77 | 24.86 | 24.76 | 26.00 |
| GPRS 3 Tx slots | 28.53 | 28.55 | 28.00 | 30.00 | 24.27 | 24.29 | 24.34 | 25.74 |
| GPRS 4 Tx slots | 26.60 | 26.55 | 26.58 | 28.50 | 23.60 | 23.55 | 23.58 | 25.50 |
| EDGE 1 Tx slot | 26.85 | 26.02 | 26.87 | 28.50 | 17.85 | 17.62 | 17.87 | 19.50 |
| EDGE 2 Tx slots | 24.75 | 24.64 | 24.71 | 26.00 | 18.75 | 18.64 | 18.71 | 20.00 |
| EDGE 3 Tx slots | 22.33 | 22.48 | 22.42 | 23.50 | 18.07 | 18.22 | 18.16 | 19.24 |
| EDGE 4 Tx slots | 19.73 | 19.75 | 19.76 | 21.00 | 16.73 | 16.75 | 16.76 | 18.00 |

| ISM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1860 | 1908.8 | | 1850.2 | 1860 | 1908.8 | |
| GSM 1 Tx slot | 29.50 | 29.55 | 29.57 | 30.50 | 20.50 | 20.55 | 20.57 | 21.50 |
| GPRS 1 Tx slot | 29.65 | 29.66 | 29.60 | 30.50 | 20.65 | 20.66 | 20.60 | 21.50 |
| GPRS 2 Tx slots | 27.40 | 27.44 | 27.42 | 28.50 | 21.40 | 21.44 | 21.42 | 22.50 |
| GPRS 3 Tx slots | 24.88 | 24.85 | 24.82 | 26.00 | 20.62 | 20.59 | 20.56 | 21.74 |
| GPRS 4 Tx slots | 23.32 | 23.50 | 23.30 | 24.50 | 20.32 | 20.50 | 20.30 | 21.50 |
| EDGE 1 Tx slot | 26.18 | 25.99 | 25.94 | 27.00 | 17.18 | 16.99 | 16.94 | 18.00 |
| EDGE 2 Tx slots | 24.16 | 23.90 | 23.83 | 24.50 | 18.16 | 17.90 | 17.83 | 18.50 |
| EDGE 3 Tx slots | 21.70 | 21.81 | 21.79 | 22.00 | 17.44 | 17.55 | 17.53 | 17.74 |
| EDGE 4 Tx slots | 19.84 | 19.77 | 19.67 | 21.00 | 16.84 | 16.77 | 16.67 | 18.00 |

| Band | TX Channel | Rx Channel | WCDMA II | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
|-----------------|--------------------|------------|----------|-------|--------|---------------------------|---------|-------|-------|---------------------------|
| | | | 5262 | 9490 | 9538 | | 4132 | 4182 | 4233 | |
| Frequency (MHz) | | | 8662 | 8890 | 9938 | | 4367 | 4407 | 4458 | |
| | | | 1852.4 | 1860 | 1907.6 | | 826.4 | 836.4 | 846.8 | |
| 3GPP Rel 99 | AMR 12.2kQps | | 22.75 | 22.78 | 22.68 | 24.00 | 23.10 | 23.22 | 23.15 | 24.00 |
| 3GPP Rel 99 | RMCS 12.2kQps | | 22.88 | 22.92 | 22.90 | 24.00 | 23.30 | 23.35 | 23.29 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | | 21.98 | 21.88 | 22.02 | 23.00 | 21.88 | 22.02 | 21.88 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | | 21.95 | 21.88 | 22.06 | 23.00 | 21.97 | 22.22 | 22.04 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | | 21.47 | 21.42 | 21.48 | 22.50 | 21.55 | 21.75 | 21.66 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | | 21.45 | 21.54 | 21.52 | 22.50 | 21.44 | 21.67 | 21.62 | 22.50 |
| 3GPP Rel 6 | DC-HSDPA Subtest-1 | | 21.96 | 21.91 | 21.93 | 23.00 | 21.97 | 21.98 | 22.06 | 23.00 |
| 3GPP Rel 6 | DC-HSDPA Subtest-2 | | 21.80 | 21.96 | 21.84 | 23.00 | 21.97 | 22.00 | 21.92 | 23.00 |
| 3GPP Rel 6 | DC-HSDPA Subtest-3 | | 21.34 | 21.38 | 21.45 | 22.50 | 21.74 | 21.76 | 21.65 | 22.50 |
| 3GPP Rel 6 | DC-HSDPA Subtest-4 | | 21.38 | 21.42 | 21.35 | 22.50 | 21.70 | 21.72 | 21.69 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | | 21.92 | 22.00 | 22.01 | 23.00 | 21.88 | 21.57 | 22.03 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | | 19.96 | 19.95 | 19.91 | 21.00 | 20.09 | 20.15 | 20.00 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | | 20.93 | 21.01 | 21.11 | 22.00 | 20.99 | 21.06 | 20.98 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | | 19.83 | 20.02 | 20.15 | 21.00 | 20.11 | 20.23 | 20.14 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | | 22.01 | 22.08 | 22.08 | 23.00 | 21.94 | 22.08 | 21.99 | 23.00 |



| Band 2 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------|------------------|-----------------|--------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Ch./Freq. | Power Hsp./Freq. | Power Ch./Freq. | Turn-up limit (dB) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 22.56 | 22.60 | 22.57 | | | |
| 20 | QPSK | 1 | 48 | 22.56 | 22.60 | 22.57 | | | |
| 20 | QPSK | 1 | 96 | 22.63 | 22.72 | 22.80 | | | |
| 20 | QPSK | 50 | 0 | 21.87 | 21.89 | 21.76 | | | |
| 20 | QPSK | 10 | 24 | 21.74 | 21.78 | 21.72 | | | |
| 20 | QPSK | 50 | 50 | 21.71 | 21.80 | 21.70 | | | |
| 20 | QPSK | 100 | 0 | 21.81 | 21.83 | 21.73 | | | |
| 20 | QPSK | 10 | 24 | 21.47 | 21.48 | 21.45 | | | |
| 20 | 16QAM | 1 | 48 | 21.21 | 21.59 | 21.90 | | | |
| 20 | 16QAM | 1 | 96 | 21.38 | 21.54 | 21.65 | | | |
| 20 | 16QAM | 50 | 0 | 20.88 | 20.81 | 20.77 | | | |
| 20 | 16QAM | 50 | 24 | 20.80 | 20.82 | 20.84 | | | |
| 20 | 16QAM | 50 | 50 | 20.77 | 20.87 | 20.79 | | | |
| 20 | 16QAM | 100 | 0 | 20.89 | 20.78 | 20.88 | | | |
| 20 | 64QAM | 1 | 0 | 20.69 | 20.65 | 20.36 | | | |
| 20 | 64QAM | 1 | 48 | 20.50 | 20.36 | 20.35 | | | |
| 20 | 64QAM | 1 | 96 | 20.53 | 20.30 | 20.47 | | | |
| 20 | 64QAM | 50 | 0 | 19.85 | 19.75 | 19.73 | | | |
| 20 | 64QAM | 50 | 24 | 19.72 | 19.84 | 19.74 | | | |
| 20 | 64QAM | 50 | 50 | 19.72 | 19.80 | 19.80 | | | |
| 20 | 64QAM | 100 | 0 | 19.87 | 19.80 | 19.85 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 16 | QPSK | 1 | 0 | 22.57 | 22.60 | 22.30 | | | |
| 15 | QPSK | 1 | 37 | 22.87 | 23.01 | 22.80 | | | |
| 15 | QPSK | 1 | 74 | 22.87 | 23.01 | 22.80 | | | |
| 15 | QPSK | 36 | 0 | 21.79 | 21.78 | 21.87 | | | |
| 15 | QPSK | 36 | 24 | 21.81 | 21.72 | 21.83 | | | |
| 15 | QPSK | 12 | 12 | 21.72 | 21.81 | 21.81 | | | |
| 15 | QPSK | 75 | 0 | 21.72 | 21.81 | 21.84 | | | |
| 15 | 16QAM | 1 | 0 | 21.36 | 21.63 | 21.45 | | | |
| 15 | 16QAM | 1 | 48 | 21.41 | 21.62 | 21.62 | | | |
| 15 | 16QAM | 1 | 96 | 21.51 | 21.41 | 21.62 | | | |
| 15 | 16QAM | 36 | 0 | 20.79 | 20.78 | 20.72 | | | |
| 15 | 16QAM | 36 | 24 | 20.71 | 20.80 | 20.84 | | | |
| 15 | 16QAM | 36 | 36 | 20.76 | 20.60 | 20.76 | | | |
| 15 | 16QAM | 75 | 0 | 20.69 | 20.72 | 20.68 | | | |
| 15 | 16QAM | 75 | 24 | 21.47 | 21.50 | 21.54 | | | |
| 15 | 64QAM | 1 | 37 | 21.83 | 21.85 | 21.83 | | | |
| 15 | 64QAM | 1 | 74 | 21.82 | 21.15 | 21.84 | | | |
| 15 | 64QAM | 36 | 0 | 20.31 | 20.38 | 20.33 | | | |
| 15 | 64QAM | 36 | 24 | 20.13 | 20.38 | 20.16 | | | |
| 15 | 64QAM | 75 | 0 | 20.23 | 20.15 | 20.20 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.55 | 22.55 | 22.37 | | | |
| 10 | QPSK | 1 | 24 | 22.52 | 22.61 | 22.80 | | | |
| 10 | QPSK | 1 | 48 | 22.68 | 22.23 | 22.64 | | | |
| 10 | QPSK | 25 | 0 | 21.87 | 21.70 | 21.70 | | | |
| 10 | QPSK | 25 | 12 | 21.83 | 21.77 | 21.84 | | | |
| 10 | QPSK | 25 | 24 | 21.81 | 21.82 | 21.88 | | | |
| 10 | QPSK | 36 | 0 | 21.74 | 21.71 | 21.87 | | | |
| 10 | 16QAM | 1 | 0 | 21.47 | 21.52 | 21.39 | | | |
| 10 | 16QAM | 1 | 24 | 21.36 | 21.51 | 21.73 | | | |
| 10 | 16QAM | 1 | 48 | 21.52 | 21.60 | 20.78 | | | |
| 10 | 16QAM | 25 | 0 | 20.74 | 20.67 | 20.73 | | | |
| 10 | 16QAM | 25 | 12 | 20.76 | 20.80 | 20.49 | | | |
| 10 | 16QAM | 36 | 0 | 20.78 | 20.84 | 20.74 | | | |
| 10 | 16QAM | 36 | 12 | 20.79 | 20.72 | 20.80 | | | |
| 10 | 64QAM | 1 | 24 | 21.87 | 21.77 | 21.83 | | | |
| 10 | 64QAM | 1 | 48 | 21.37 | 21.20 | 21.54 | | | |
| 10 | 64QAM | 25 | 0 | 21.52 | 21.46 | 21.78 | | | |
| 10 | 64QAM | 25 | 12 | 21.52 | 21.39 | 20.09 | | | |
| 10 | 64QAM | 25 | 24 | 20.18 | 20.39 | 20.09 | | | |
| 10 | 64QAM | 36 | 0 | 20.16 | 20.08 | 20.26 | | | |
| 10 | 64QAM | 36 | 12 | 20.22 | 20.08 | 20.21 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 22.57 | 22.47 | 22.34 | | | |
| 5 | QPSK | 1 | 12 | 22.57 | 22.62 | 22.78 | | | |
| 5 | QPSK | 1 | 24 | 22.71 | 22.31 | 22.54 | | | |
| 5 | QPSK | 12 | 0 | 21.84 | 21.81 | 21.65 | | | |
| 5 | QPSK | 12 | 12 | 21.88 | 21.71 | 21.81 | | | |
| 5 | QPSK | 12 | 18 | 21.81 | 21.68 | 21.69 | | | |
| 5 | QPSK | 25 | 0 | 21.78 | 21.78 | 21.84 | | | |
| 5 | 16QAM | 1 | 12 | 21.17 | 21.45 | 21.80 | | | |
| 5 | 16QAM | 1 | 24 | 21.56 | 21.42 | 21.84 | | | |
| 5 | 16QAM | 12 | 0 | 20.88 | 20.74 | 20.68 | | | |
| 5 | 16QAM | 12 | 12 | 20.75 | 20.72 | 20.80 | | | |
| 5 | 16QAM | 25 | 0 | 20.70 | 20.70 | 20.65 | | | |
| 5 | 64QAM | 1 | 0 | 21.44 | 21.46 | 21.13 | | | |
| 5 | 64QAM | 1 | 48 | 21.52 | 21.44 | 21.78 | | | |
| 5 | 64QAM | 1 | 24 | 21.36 | 21.09 | 21.53 | | | |
| 5 | 64QAM | 12 | 0 | 20.29 | 20.15 | 20.19 | | | |
| 5 | 64QAM | 12 | 12 | 20.14 | 20.12 | 20.46 | | | |
| 5 | 64QAM | 12 | 18 | 20.32 | 20.11 | 20.20 | | | |
| 5 | 64QAM | 25 | 0 | 20.31 | 20.30 | 20.30 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 22.56 | 22.60 | 22.36 | | | |
| 3 | QPSK | 1 | 6 | 22.86 | 22.96 | 22.73 | | | |
| 3 | QPSK | 1 | 12 | 22.79 | 22.34 | 22.52 | | | |
| 3 | QPSK | 8 | 0 | 21.76 | 21.68 | 21.72 | | | |
| 3 | QPSK | 8 | 4 | 21.84 | 21.76 | 21.74 | | | |
| 3 | QPSK | 8 | 12 | 21.73 | 21.68 | 21.68 | | | |
| 3 | QPSK | 15 | 0 | 21.72 | 21.83 | 21.86 | | | |
| 3 | 16QAM | 1 | 0 | 21.08 | 21.80 | 21.81 | | | |
| 3 | 16QAM | 1 | 14 | 21.51 | 21.46 | 21.58 | | | |
| 3 | 16QAM | 8 | 0 | 20.79 | 20.73 | 20.67 | | | |
| 3 | 16QAM | 8 | 4 | 20.62 | 20.68 | 20.74 | | | |
| 3 | 16QAM | 12 | 0 | 20.71 | 20.67 | 20.66 | | | |
| 3 | 64QAM | 1 | 0 | 21.45 | 21.48 | 21.14 | | | |
| 3 | 64QAM | 1 | 8 | 21.80 | 21.79 | 21.80 | | | |
| 3 | 64QAM | 1 | 16 | 21.52 | 21.44 | 21.80 | | | |
| 3 | 64QAM | 8 | 0 | 20.22 | 20.10 | 20.15 | | | |
| 3 | 64QAM | 8 | 4 | 20.10 | 20.35 | 20.09 | | | |
| 3 | 64QAM | 8 | 12 | 20.14 | 20.13 | 20.33 | | | |
| 3 | 64QAM | 15 | 0 | 20.31 | 20.20 | 20.30 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 22.56 | 22.56 | 22.35 | | | |
| 1.4 | QPSK | 1 | 0 | 22.79 | 23.04 | 22.85 | | | |
| 1.4 | QPSK | 3 | 0 | 22.68 | 22.36 | 22.54 | | | |
| 1.4 | QPSK | 3 | 1 | 22.69 | 22.28 | 22.62 | | | |
| 1.4 | QPSK | 3 | 2 | 22.69 | 22.29 | 22.50 | | | |
| 1.4 | QPSK | 6 | 0 | 21.77 | 21.69 | 21.69 | | | |
| 1.4 | 16QAM | 1 | 0 | 21.36 | 21.54 | 21.46 | | | |
| 1.4 | 16QAM | 1 | 0 | 21.54 | 21.62 | 21.67 | | | |
| 1.4 | 16QAM | 1 | 5 | 21.50 | 21.39 | 21.55 | | | |
| 1.4 | 16QAM | 3 | 0 | 21.42 | 21.31 | 21.52 | | | |
| 1.4 | 16QAM | 3 | 1 | 21.41 | 21.38 | 21.43 | | | |
| 1.4 | 16QAM | 3 | 2 | 21.42 | 21.34 | 21.51 | | | |
| 1.4 | 64QAM | 1 | 0 | 20.67 | 20.65 | 20.64 | | | |
| 1.4 | 64QAM | 1 | 0 | 21.59 | 21.65 | 21.34 | | | |
| 1.4 | 64QAM | 1 | 5 | 21.85 | 21.74 | 21.73 | | | |
| 1.4 | 64QAM | 3 | 0 | 20.35 | 20.18 | 20.17 | | | |
| 1.4 | 64QAM | 3 | 1 | 20.20 | 20.20 | 20.16 | | | |
| 1.4 | 64QAM | 3 | 1 | 20.28 | 20.13 | 20.27 | | | |
| 1.4 | 64QAM | 6 | 0 | 20.28 | 20.24 | 20.31 | | | |

| Band 5 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------|------------------|-----------------|--------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Ch./Freq. | Power Hsp./Freq. | Power Ch./Freq. | Turn-up limit (dB) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.57 | 22.62 | 22.48 | | | |
| 10 | QPSK | 1 | 24 | 22.58 | 22.63 | 22.83 | | | |
| 10 | QPSK | 1 | 48 | 22.52 | 22.71 | 22.48 | | | |
| 10 | QPSK | 25 | 0 | 21.93 | 22.00 | 21.86 | | | |
| 10 | QPSK | 25 | 12 | 21.82 | 21.88 | 21.70 | | | |
| 10 | QPSK | 25 | 24 | 21.83 | 21.91 | 21.88 | | | |
| 10 | QPSK | 50 | 0 | 21.88 | 21.94 | 21.80 | | | |
| 10 | QPSK | 50 | 24 | 21.89 | 21.92 | 21.81 | | | |
| 10 | 16QAM | 1 | 24 | 21.85 | 21.92 | 21.85 | | | |
| 10 | 16QAM | 1 | 48 | 21.33 | 21.93 | 21.40 | | | |
| 10 | 16QAM | 25 | 0 | 20.88 | 20.77 | 21.15 | | | |
| 10 | 16QAM | 25 | 12 | 20.86 | 20.84 | 20.76 | | | |
| 10 | 16QAM | 25 | 24 | 20.79 | 20.71 | 20.76 | | | |
| 10 | 16QAM | 50 | 0 | 20.89 | 20.89 | 21.00 | | | |
| 10 | 64QAM | 1 | 0 | 20.97 | 20.98 | 21.07 | | | |
| 10 | 64QAM | 1 | | | | | | | |



| Band 38 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 37850 | 38000 | 38180 | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 0 | 22.68 | 22.82 | 22.49 | 24 | 0 | |
| 20 | QPSK | 1 | 49 | 22.92 | 22.99 | 22.76 | | | |
| 20 | QPSK | 1 | 99 | 22.70 | 22.74 | 22.64 | | | |
| 20 | QPSK | 50 | 0 | 22.49 | 22.51 | 22.35 | | | |
| 20 | QPSK | 50 | 24 | 22.43 | 22.48 | 22.34 | 23 | 1 | |
| 20 | QPSK | 50 | 50 | 22.40 | 22.46 | 22.28 | | | |
| 20 | QPSK | 100 | 0 | 22.41 | 22.45 | 22.35 | | | |
| 20 | 16QAM | 1 | 0 | 22.33 | 22.30 | 22.25 | | | |
| 20 | 16QAM | 1 | 49 | 21.87 | 21.97 | 21.93 | 23 | 1 | |
| 20 | 16QAM | 1 | 99 | 21.91 | 21.93 | 21.92 | | | |
| 20 | 16QAM | 50 | 0 | 21.50 | 21.29 | 21.33 | | | |
| 20 | 16QAM | 50 | 24 | 21.45 | 21.45 | 21.36 | 22 | 2 | |
| 20 | 16QAM | 50 | 50 | 21.52 | 21.38 | 21.30 | | | |
| 20 | 16QAM | 100 | 0 | 21.47 | 21.43 | 21.27 | | | |
| 20 | 64QAM | 1 | 0 | 21.38 | 21.33 | 21.20 | | | |
| 20 | 64QAM | 1 | 49 | 20.48 | 20.54 | 20.49 | 22 | 2 | |
| 20 | 64QAM | 1 | 99 | 20.37 | 20.30 | 20.21 | | | |
| 20 | 64QAM | 50 | 0 | 19.97 | 19.94 | 19.90 | | | |
| 20 | 64QAM | 50 | 24 | 20.12 | 19.97 | 19.90 | | | |
| 20 | 64QAM | 50 | 50 | 20.10 | 20.03 | 19.87 | 21 | 3 | |
| 20 | 64QAM | 100 | 0 | 20.05 | 20.00 | 19.94 | | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | |
| 15 | QPSK | 1 | 0 | 22.65 | 22.78 | 22.46 | 24 | 0 | |
| 15 | QPSK | 1 | 37 | 22.92 | 22.96 | 22.74 | | | |
| 15 | QPSK | 1 | 74 | 22.76 | 22.61 | 22.49 | | | |
| 15 | QPSK | 36 | 0 | 22.47 | 22.31 | 22.20 | 23 | 1 | |
| 15 | QPSK | 36 | 20 | 22.40 | 22.38 | 22.30 | | | |
| 15 | QPSK | 36 | 39 | 22.42 | 22.42 | 22.25 | | | |
| 15 | QPSK | 75 | 0 | 22.31 | 22.26 | 22.23 | | | |
| 15 | 16QAM | 1 | 0 | 22.30 | 22.20 | 22.21 | | | |
| 15 | 16QAM | 1 | 37 | 21.82 | 21.91 | 21.81 | 23 | 1 | |
| 15 | 16QAM | 1 | 74 | 21.77 | 21.83 | 21.88 | | | |
| 15 | 16QAM | 36 | 0 | 21.39 | 21.16 | 21.25 | | | |
| 15 | 16QAM | 36 | 20 | 21.43 | 21.36 | 21.28 | 22 | 2 | |
| 15 | 16QAM | 36 | 39 | 21.38 | 21.38 | 21.22 | | | |
| 15 | 16QAM | 75 | 0 | 21.39 | 21.28 | 21.26 | | | |
| 15 | 64QAM | 1 | 0 | 21.25 | 21.32 | 21.08 | | | |
| 15 | 64QAM | 1 | 37 | 20.34 | 20.45 | 20.40 | 22 | 2 | |
| 15 | 64QAM | 1 | 74 | 20.27 | 20.20 | 20.07 | | | |
| 15 | 64QAM | 36 | 0 | 19.73 | 19.88 | 19.85 | | | |
| 15 | 64QAM | 36 | 20 | 20.08 | 19.95 | 19.88 | 21 | 3 | |
| 15 | 64QAM | 36 | 39 | 20.14 | 20.00 | 19.84 | | | |
| 15 | 64QAM | 75 | 0 | 20.06 | 20.01 | 19.75 | | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | |
| 10 | QPSK | 1 | 0 | 22.68 | 22.80 | 22.47 | 24 | 0 | |
| 10 | QPSK | 1 | 25 | 22.98 | 22.91 | 22.75 | | | |
| 10 | QPSK | 1 | 49 | 22.75 | 22.61 | 22.60 | | | |
| 10 | QPSK | 25 | 0 | 22.44 | 22.43 | 22.30 | 23 | 1 | |
| 10 | QPSK | 25 | 12 | 22.39 | 22.43 | 22.28 | | | |
| 10 | QPSK | 25 | 25 | 22.47 | 22.44 | 22.18 | | | |
| 10 | QPSK | 50 | 0 | 22.44 | 22.26 | 22.35 | | | |
| 10 | 16QAM | 1 | 0 | 22.21 | 22.19 | 22.17 | | | |
| 10 | 16QAM | 1 | 25 | 21.78 | 21.85 | 21.81 | 23 | 1 | |
| 10 | 16QAM | 1 | 49 | 21.80 | 21.85 | 21.89 | | | |
| 10 | 16QAM | 25 | 0 | 21.50 | 21.19 | 21.19 | | | |
| 10 | 16QAM | 25 | 12 | 21.36 | 21.30 | 21.28 | 22 | 2 | |
| 10 | 16QAM | 25 | 25 | 21.51 | 21.25 | 21.30 | | | |
| 10 | 16QAM | 50 | 0 | 21.40 | 21.31 | 21.23 | | | |
| 10 | 64QAM | 1 | 0 | 21.24 | 21.18 | 21.17 | | | |
| 10 | 64QAM | 1 | 25 | 20.33 | 20.43 | 20.34 | 22 | 2 | |
| 10 | 64QAM | 1 | 49 | 20.32 | 20.24 | 20.08 | | | |
| 10 | 64QAM | 25 | 0 | 19.93 | 19.79 | 19.84 | | | |
| 10 | 64QAM | 25 | 12 | 19.97 | 19.93 | 19.77 | 21 | 3 | |
| 10 | 64QAM | 25 | 25 | 20.24 | 19.95 | 19.77 | | | |
| 10 | 64QAM | 50 | 0 | 20.11 | 19.79 | 19.84 | | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2614.5 | | | |
| 5 | QPSK | 1 | 0 | 22.57 | 22.67 | 22.37 | 24 | 0 | |
| 5 | QPSK | 1 | 12 | 22.93 | 22.91 | 22.75 | | | |
| 5 | QPSK | 1 | 24 | 22.69 | 22.70 | 22.61 | | | |
| 5 | QPSK | 12 | 0 | 22.34 | 22.30 | 22.26 | 23 | 1 | |
| 5 | QPSK | 12 | 7 | 22.39 | 22.35 | 22.34 | | | |
| 5 | QPSK | 12 | 13 | 22.43 | 22.43 | 22.20 | | | |
| 5 | QPSK | 25 | 0 | 22.42 | 22.38 | 22.20 | | | |
| 5 | 16QAM | 1 | 0 | 22.23 | 22.28 | 22.10 | | | |
| 5 | 16QAM | 1 | 12 | 21.82 | 21.90 | 21.87 | 23 | 1 | |
| 5 | 16QAM | 1 | 24 | 21.88 | 21.81 | 21.88 | | | |
| 5 | 16QAM | 12 | 0 | 21.43 | 21.23 | 21.23 | | | |
| 5 | 16QAM | 12 | 7 | 21.35 | 21.43 | 21.22 | 22 | 2 | |
| 5 | 16QAM | 12 | 13 | 21.44 | 21.34 | 21.23 | | | |
| 5 | 16QAM | 25 | 0 | 21.32 | 21.41 | 21.19 | | | |
| 5 | 64QAM | 1 | 0 | 21.31 | 21.24 | 21.13 | | | |
| 5 | 64QAM | 1 | 12 | 20.40 | 20.45 | 20.34 | 22 | 2 | |
| 5 | 64QAM | 1 | 24 | 20.35 | 20.26 | 20.20 | | | |
| 5 | 64QAM | 12 | 0 | 19.82 | 19.94 | 19.85 | | | |
| 5 | 64QAM | 12 | 7 | 20.09 | 19.91 | 19.84 | 21 | 3 | |
| 5 | 64QAM | 12 | 13 | 19.84 | 19.88 | 19.72 | | | |
| 5 | 64QAM | 25 | 0 | 20.20 | 20.12 | 19.75 | | | |

| Band 41 | | | | | | | | | | |
|-----------------|------------|---------|-----------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2638.5 | 2683 | | |
| 20 | QPSK | 1 | 0 | 22.60 | 22.80 | 22.87 | 22.69 | 22.63 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.93 | 23.19 | 23.08 | 23.05 | 23.01 | | |
| 20 | QPSK | 1 | 99 | 22.97 | 23.07 | 23.10 | 22.97 | 22.70 | | |
| 20 | QPSK | 50 | 0 | 22.39 | 22.68 | 22.61 | 22.54 | 22.47 | | |
| 20 | QPSK | 50 | 24 | 22.39 | 22.61 | 22.59 | 22.55 | 22.51 | 23 | 1 |
| 20 | QPSK | 50 | 50 | 22.46 | 22.59 | 22.57 | 22.51 | 22.48 | | |
| 20 | QPSK | 100 | 0 | 22.37 | 22.60 | 22.58 | 22.48 | 22.43 | | |
| 20 | 16QAM | 1 | 0 | 21.75 | 21.95 | 22.15 | 21.97 | 22.04 | | |
| 20 | 16QAM | 1 | 49 | 22.30 | 22.47 | 22.31 | 22.27 | 22.36 | 23 | 1 |
| 20 | 16QAM | 1 | 99 | 22.32 | 22.41 | 22.36 | 21.98 | 21.91 | | |
| 20 | 16QAM | 50 | 0 | 21.45 | 21.56 | 21.74 | 21.42 | 21.46 | | |
| 20 | 16QAM | 50 | 24 | 21.36 | 21.59 | 21.67 | 21.42 | 21.47 | 22 | 2 |
| 20 | 16QAM | 50 | 50 | 21.45 | 21.58 | 21.68 | 21.41 | 21.57 | | |
| 20 | 16QAM | 100 | 0 | 21.34 | 21.62 | 21.70 | 21.42 | 21.52 | | |
| 20 | 64QAM | 1 | 0 | 20.50 | 20.48 | 20.52 | 20.56 | 20.51 | | |
| 20 | 64QAM | 1 | 49 | 20.61 | 20.64 | 20.80 | 20.64 | 20.58 | 22 | 2 |
| 20 | 64QAM | 1 | 99 | 20.58 | 20.97 | 20.48 | 20.45 | 20.40 | | |
| 20 | 64QAM | 50 | 0 | 19.84 | 20.09 | 20.25 | 20.05 | 20.15 | | |
| 20 | 64QAM | 50 | 24 | 19.97 | 20.18 | 20.21 | 20.01 | 19.99 | 21 | 3 |
| 20 | 64QAM | 50 | 50 | 20.04 | 20.09 | 20.20 | 20.02 | 20.19 | | |
| 20 | 64QAM | 100 | 0 | 19.95 | 20.21 | 20.46 | 20.16 | 20.12 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 22.52 | 22.66 | 22.84 | 22.59 | 22.68 | 24.00 | 0 |
| 15 | QPSK | 1 | 37 | 22.87 | 23.10 | 23.00 | 22.96 | 22.95 | | |
| 15 | QPSK | 1 | 74 | 22.92 | 23.05 | 23.02 | 22.86 | 22.80 | | |
| 15 | QPSK | 36 | 0 | 22.43 | 22.47 | 22.51 | 22.42 | 22.42 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 22.32 | 22.56 | 22.64 | 22.41 | 22.47 | | |
| 15 | QPSK | 36 | 39 | 22.43 | 22.37 | 22.62 | 22.33 | 22.45 | | |
| 15 | QPSK | 75 | 0 | 22.37 | 22.61 | 22.59 | 22.32 | 22.46 | | |
| 15 | 16QAM | 1 | 0 | 21.71 | 21.80 | 22.06 | 21.90 | 21.93 | | |
| 15 | 16QAM | 1 | 37 | 22.16 | 22.45 | 22.31 | 22.16 | 22.27 | 23 | 1 |
| 15 | 16QAM | 1 | 74 | 22.17 | 22.30 | 22.34 | 21.89 | 21.91 | | |
| 15 | 16QAM | 36 | 0 | 21.45 | 21.10 | 21.71 | 21.39 | 21.34 | | |
| 15 | 16QAM | 36 | 20 | 21.21 | 21.49 | 21.63 | 21.35 | 21.44 | 22 | 2 |
| 15 | 16QAM | 36 | 39 | 21.44 | 21.48 | 21.62 | | | | |



Reduced Power Mode for Sensor on

| GSM900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
| | 128 | 160 | 251 | | 128 | 160 | 251 | |
| TX Channel | 824.2 | 836.4 | 848.8 | 33.00 | 824.2 | 836.4 | 848.8 | 33.00 |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | 33.00 | 824.2 | 836.4 | 848.8 | 33.00 |
| GSM 1 Tx slot | 32.41 | 32.43 | 32.30 | 33.00 | 23.41 | 23.43 | 23.30 | 24.00 |
| GPRS 1 Tx slot | 32.44 | 32.45 | 32.35 | 33.00 | 23.44 | 23.45 | 23.35 | 24.00 |
| GPRS 2 Tx slots | 30.27 | 30.37 | 30.29 | 31.50 | 24.27 | 24.37 | 24.29 | 25.50 |
| GPRS 3 Tx slots | 27.99 | 28.11 | 28.00 | 29.50 | 23.73 | 23.85 | 23.83 | 25.24 |
| GPRS 4 Tx slots | 26.04 | 26.01 | 26.06 | 28.00 | 23.04 | 23.01 | 23.06 | 25.00 |
| EDGE 1 Tx slot | 26.36 | 26.15 | 26.34 | 28.00 | 17.36 | 17.15 | 17.34 | 19.00 |
| EDGE 2 Tx slots | 24.29 | 24.19 | 24.21 | 25.50 | 18.29 | 18.19 | 18.21 | 19.50 |
| EDGE 3 Tx slots | 21.78 | 21.95 | 21.95 | 23.00 | 17.52 | 17.59 | 17.69 | 18.74 |
| EDGE 4 Tx slots | 19.27 | 19.24 | 19.31 | 20.50 | 16.27 | 16.24 | 16.31 | 17.50 |

| GSM1900 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| TX Channel | 1850.2 | 1860 | 1909.8 | 28.50 | 1850.2 | 1860 | 1909.8 | 28.50 |
| Frequency (MHz) | 1850.2 | 1860 | 1909.8 | 28.50 | 1850.2 | 1860 | 1909.8 | 28.50 |
| GSM 1 Tx slot | 27.60 | 27.65 | 27.48 | 28.50 | 18.60 | 18.65 | 18.48 | 19.50 |
| GPRS 1 Tx slot | 27.62 | 27.68 | 27.51 | 28.50 | 18.62 | 18.68 | 18.51 | 19.50 |
| GPRS 2 Tx slots | 25.41 | 25.45 | 25.38 | 26.50 | 19.41 | 19.45 | 19.38 | 20.50 |
| GPRS 3 Tx slots | 23.32 | 23.03 | 23.06 | 24.00 | 18.66 | 18.77 | 18.82 | 19.74 |
| GPRS 4 Tx slots | 21.33 | 21.25 | 21.05 | 22.50 | 18.33 | 18.25 | 18.05 | 19.50 |
| EDGE 1 Tx slot | 24.23 | 24.01 | 23.97 | 25.00 | 15.23 | 15.01 | 14.97 | 16.00 |
| EDGE 2 Tx slots | 22.22 | 21.98 | 21.86 | 22.50 | 16.22 | 15.98 | 15.86 | 16.50 |
| EDGE 3 Tx slots | 19.66 | 19.86 | 19.81 | 20.00 | 15.42 | 15.60 | 15.55 | 15.74 |
| EDGE 4 Tx slots | 17.67 | 17.85 | 17.88 | 19.00 | 14.67 | 14.85 | 14.68 | 16.00 |

| Band | WCDMA II | | | Tune-up Limit (dBm) | |
|-----------------|--------------------|-------|--------|---------------------|-------|
| | TX Channel | 8262 | 8400 | | 9538 |
| TX Channel | 8662 | 9260 | 9858 | | |
| Frequency (MHz) | 1852.4 | 1860 | 1907.6 | | |
| 3GPP Rel 99 | AMR 12.2kbps | 18.78 | 18.76 | 18.65 | 20.00 |
| 3GPP Rel 99 | RMC 12.2kbps | 18.86 | 18.93 | 18.91 | 20.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 17.99 | 17.67 | 18.03 | 19.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 17.96 | 18.01 | 18.06 | 19.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 17.48 | 17.48 | 17.47 | 18.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 17.41 | 17.56 | 17.48 | 18.50 |
| 3GPP Rel 6 | DC-HSDPA Subtest-1 | 17.90 | 17.67 | 17.98 | 19.00 |
| 3GPP Rel 6 | DC-HSDPA Subtest-2 | 17.83 | 17.98 | 17.95 | 19.00 |
| 3GPP Rel 6 | DC-HSDPA Subtest-3 | 17.33 | 17.37 | 17.49 | 18.50 |
| 3GPP Rel 6 | DC-HSDPA Subtest-4 | 17.41 | 17.46 | 17.38 | 18.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 17.89 | 18.01 | 18.03 | 19.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 15.96 | 15.95 | 15.86 | 17.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 16.97 | 16.97 | 17.05 | 18.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 15.85 | 15.99 | 16.17 | 17.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 18.04 | 18.08 | 18.10 | 19.00 |



| Band 2 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 1870 | 1890 | 1910 | | | |
| Frequency (MHz) | | | | 1870 | 1890 | 1910 | | | |
| 20 | QPSK | 1 | 0 | 19.26 | 19.50 | 19.50 | 20.5 | 0 | |
| 20 | QPSK | 1 | 49 | 19.45 | 19.58 | 19.40 | | | |
| 20 | QPSK | 1 | 99 | 19.40 | 19.43 | 19.31 | | | |
| 20 | QPSK | 50 | 0 | 19.48 | 19.55 | 19.42 | | | |
| 20 | QPSK | 50 | 24 | 19.44 | 19.52 | 19.36 | | | |
| 20 | QPSK | 50 | 50 | 19.39 | 19.54 | 19.38 | | | |
| 20 | QPSK | 100 | 0 | 19.41 | 19.54 | 19.39 | | | |
| 20 | 16QAM | 1 | 0 | 19.39 | 19.53 | 19.35 | | | |
| 20 | 16QAM | 1 | 49 | 19.43 | 19.38 | 19.05 | | | |
| 20 | 16QAM | 1 | 99 | 19.08 | 19.52 | 18.83 | | | |
| 20 | 16QAM | 50 | 0 | 19.43 | 19.56 | 19.34 | | | |
| 20 | 16QAM | 50 | 24 | 19.40 | 19.54 | 19.36 | | | |
| 20 | 16QAM | 50 | 50 | 19.43 | 19.55 | 19.37 | | | |
| 20 | 16QAM | 100 | 0 | 19.42 | 19.52 | 19.37 | | | |
| 20 | 16QAM | 1 | 0 | 19.39 | 19.56 | 19.34 | | | |
| 20 | 64QAM | 1 | 49 | 19.43 | 19.54 | 19.37 | | | |
| 20 | 64QAM | 1 | 99 | 19.40 | 19.53 | 19.38 | | | |
| 20 | 64QAM | 50 | 0 | 19.44 | 19.53 | 19.36 | | | |
| 20 | 64QAM | 50 | 24 | 19.42 | 19.57 | 19.36 | | | |
| 20 | 64QAM | 50 | 50 | 19.43 | 19.53 | 19.37 | | | |
| 20 | 64QAM | 100 | 0 | 19.43 | 19.57 | 19.39 | | | |
| Channel | | | | 1887.5 | 1890 | 1912.5 | | | |
| Frequency (MHz) | | | | 1887.5 | 1890 | 1912.5 | | | |
| 15 | QPSK | 1 | 0 | 19.16 | 19.41 | 19.47 | 20.5 | 0 | |
| 15 | QPSK | 1 | 37 | 19.38 | 19.56 | 19.35 | | | |
| 15 | QPSK | 1 | 74 | 19.34 | 19.34 | 19.26 | | | |
| 15 | QPSK | 36 | 0 | 19.41 | 19.46 | 19.33 | | | |
| 15 | QPSK | 36 | 20 | 19.35 | 19.42 | 19.33 | | | |
| 15 | QPSK | 36 | 39 | 19.29 | 19.47 | 19.34 | | | |
| 15 | QPSK | 75 | 0 | 19.37 | 19.47 | 19.32 | | | |
| 15 | 16QAM | 1 | 0 | 19.35 | 19.50 | 19.27 | | | |
| 15 | 16QAM | 1 | 37 | 19.37 | 19.29 | 19.01 | | | |
| 15 | 16QAM | 1 | 74 | 19.02 | 19.42 | 18.74 | | | |
| 15 | 16QAM | 36 | 0 | 19.40 | 19.50 | 19.26 | | | |
| 15 | 16QAM | 36 | 20 | 19.35 | 19.36 | 19.30 | | | |
| 15 | 16QAM | 36 | 39 | 19.39 | 19.50 | 19.32 | | | |
| 15 | 16QAM | 75 | 0 | 19.32 | 19.43 | 19.32 | | | |
| 15 | 64QAM | 1 | 0 | 19.32 | 19.48 | 19.28 | | | |
| 15 | 64QAM | 1 | 37 | 19.40 | 19.50 | 19.30 | | | |
| 15 | 64QAM | 1 | 74 | 19.31 | 19.50 | 19.32 | | | |
| 15 | 64QAM | 36 | 0 | 19.40 | 19.43 | 19.31 | | | |
| 15 | 64QAM | 36 | 20 | 19.36 | 19.52 | 19.27 | | | |
| 15 | 64QAM | 36 | 39 | 19.40 | 19.46 | 19.29 | | | |
| 15 | 64QAM | 75 | 0 | 19.33 | 19.50 | 19.36 | | | |
| Channel | | | | 1895 | 1890 | 19150 | | | |
| Frequency (MHz) | | | | 1895 | 1890 | 19150 | | | |
| 10 | QPSK | 1 | 0 | 19.21 | 19.41 | 19.46 | 20.5 | 0 | |
| 10 | QPSK | 1 | 25 | 19.39 | 19.53 | 19.37 | | | |
| 10 | QPSK | 1 | 49 | 19.34 | 19.33 | 19.25 | | | |
| 10 | QPSK | 25 | 0 | 19.42 | 19.47 | 19.39 | | | |
| 10 | QPSK | 25 | 12 | 19.35 | 19.48 | 19.33 | | | |
| 10 | QPSK | 25 | 25 | 19.32 | 19.51 | 19.34 | | | |
| 10 | QPSK | 50 | 0 | 19.31 | 19.46 | 19.33 | | | |
| 10 | 16QAM | 1 | 0 | 19.31 | 19.46 | 19.27 | | | |
| 10 | 16QAM | 1 | 25 | 19.37 | 19.30 | 18.95 | | | |
| 10 | 16QAM | 1 | 49 | 19.05 | 19.49 | 18.76 | | | |
| 10 | 16QAM | 25 | 0 | 19.35 | 19.46 | 19.24 | | | |
| 10 | 16QAM | 25 | 12 | 19.36 | 19.44 | 19.28 | | | |
| 10 | 16QAM | 25 | 25 | 19.38 | 19.49 | 19.33 | | | |
| 10 | 16QAM | 50 | 0 | 19.33 | 19.44 | 19.30 | | | |
| 10 | 64QAM | 1 | 0 | 19.33 | 19.53 | 19.30 | | | |
| 10 | 64QAM | 1 | 25 | 19.38 | 19.46 | 19.30 | | | |
| 10 | 64QAM | 1 | 49 | 19.30 | 19.46 | 19.35 | | | |
| 10 | 64QAM | 25 | 0 | 19.38 | 19.48 | 19.29 | | | |
| 10 | 64QAM | 25 | 12 | 19.37 | 19.47 | 19.27 | | | |
| 10 | 64QAM | 25 | 25 | 19.38 | 19.43 | 19.29 | | | |
| 10 | 64QAM | 50 | 0 | 19.36 | 19.51 | 19.31 | | | |
| Channel | | | | 1882.5 | 1890 | 1917.5 | | | |
| Frequency (MHz) | | | | 1882.5 | 1890 | 1917.5 | | | |
| 5 | QPSK | 1 | 0 | 19.20 | 19.41 | 19.47 | 20.5 | 0 | |
| 5 | QPSK | 1 | 12 | 19.38 | 19.52 | 19.35 | | | |
| 5 | QPSK | 1 | 24 | 19.33 | 19.39 | 19.21 | | | |
| 5 | QPSK | 12 | 0 | 19.39 | 19.46 | 19.37 | | | |
| 5 | QPSK | 12 | 7 | 19.41 | 19.42 | 19.31 | | | |
| 5 | QPSK | 12 | 13 | 19.34 | 19.46 | 19.31 | | | |
| 5 | QPSK | 25 | 0 | 19.33 | 19.50 | 19.31 | | | |
| 5 | 16QAM | 1 | 0 | 19.33 | 19.45 | 19.26 | | | |
| 5 | 16QAM | 1 | 12 | 19.33 | 19.34 | 18.95 | | | |
| 5 | 16QAM | 1 | 24 | 19.02 | 19.47 | 18.73 | | | |
| 5 | 16QAM | 12 | 0 | 19.35 | 19.51 | 19.30 | | | |
| 5 | 16QAM | 12 | 7 | 19.35 | 19.50 | 19.28 | | | |
| 5 | 16QAM | 12 | 13 | 19.38 | 19.51 | 19.29 | | | |
| 5 | 16QAM | 25 | 0 | 19.34 | 19.44 | 19.30 | | | |
| 5 | 64QAM | 1 | 0 | 19.33 | 19.47 | 19.24 | | | |
| 5 | 64QAM | 1 | 12 | 19.35 | 19.49 | 19.27 | | | |
| 5 | 64QAM | 1 | 24 | 19.35 | 19.48 | 19.33 | | | |
| 5 | 64QAM | 12 | 0 | 19.35 | 19.49 | 19.33 | | | |
| 5 | 64QAM | 12 | 7 | 19.38 | 19.47 | 19.26 | | | |
| 5 | 64QAM | 12 | 13 | 19.37 | 19.46 | 19.29 | | | |
| 5 | 64QAM | 25 | 0 | 19.34 | 19.48 | 19.35 | | | |
| Channel | | | | 1881.5 | 1890 | 19185 | | | |
| Frequency (MHz) | | | | 1881.5 | 1890 | 19185 | | | |
| 3 | QPSK | 1 | 0 | 19.19 | 19.40 | 19.42 | 20.5 | 0 | |
| 3 | QPSK | 1 | 8 | 19.40 | 19.52 | 19.35 | | | |
| 3 | QPSK | 1 | 14 | 19.33 | 19.40 | 19.24 | | | |
| 3 | QPSK | 8 | 0 | 19.44 | 19.49 | 19.35 | | | |
| 3 | QPSK | 8 | 4 | 19.37 | 19.47 | 19.32 | | | |
| 3 | QPSK | 8 | 7 | 19.36 | 19.51 | 19.30 | | | |
| 3 | QPSK | 15 | 0 | 19.36 | 19.48 | 19.35 | | | |
| 3 | 16QAM | 1 | 0 | 19.29 | 19.50 | 19.27 | | | |
| 3 | 16QAM | 1 | 8 | 19.39 | 19.34 | 19.02 | | | |
| 3 | 16QAM | 1 | 14 | 18.99 | 19.43 | 18.75 | | | |
| 3 | 16QAM | 8 | 0 | 19.35 | 19.48 | 19.28 | | | |
| 3 | 16QAM | 8 | 4 | 19.34 | 19.50 | 19.26 | | | |
| 3 | 16QAM | 8 | 7 | 19.33 | 19.52 | 19.27 | | | |
| 3 | 16QAM | 15 | 0 | 19.39 | 19.48 | 19.33 | | | |
| 3 | 64QAM | 1 | 0 | 19.29 | 19.50 | 19.27 | | | |
| 3 | 64QAM | 1 | 8 | 19.34 | 19.49 | 19.29 | | | |
| 3 | 64QAM | 1 | 14 | 19.35 | 19.46 | 19.35 | | | |
| 3 | 64QAM | 8 | 0 | 19.40 | 19.46 | 19.29 | | | |
| 3 | 64QAM | 8 | 4 | 19.33 | 19.47 | 19.33 | | | |
| 3 | 64QAM | 8 | 7 | 19.35 | 19.45 | 19.28 | | | |
| 3 | 64QAM | 15 | 0 | 19.40 | 19.53 | 19.36 | | | |
| Channel | | | | 1880.7 | 1890 | 1909.3 | | | |
| Frequency (MHz) | | | | 1880.7 | 1890 | 1909.3 | | | |
| 1.4 | QPSK | 1 | 0 | 19.21 | 19.46 | 19.47 | 20.5 | 0 | |
| 1.4 | QPSK | 1 | 3 | 19.38 | 19.55 | 19.35 | | | |
| 1.4 | QPSK | 1 | 5 | 19.30 | 19.34 | 19.24 | | | |
| 1.4 | QPSK | 3 | 0 | 19.39 | 19.51 | 19.35 | | | |
| 1.4 | QPSK | 3 | 1 | 19.36 | 19.44 | 19.30 | | | |
| 1.4 | QPSK | 3 | 3 | 19.35 | 19.49 | 19.30 | | | |
| 1.4 | QPSK | 6 | 0 | 19.37 | 19.51 | 19.35 | | | |
| 1.4 | 16QAM | 1 | 0 | 19.35 | 19.48 | 19.32 | | | |
| 1.4 | 16QAM | 1 | 3 | 19.40 | 19.28 | 18.96 | | | |
| 1.4 | 16QAM | 1 | 5 | 19.05 | 19.46 | 18.80 | | | |
| 1.4 | 16QAM | 3 | 0 | 19.33 | 19.52 | 19.26 | | | |
| 1.4 | 16QAM | 3 | 1 | 19.34 | 19.47 | 19.26 | | | |
| 1.4 | 16QAM | 3 | 3 | 19.35 | 19.50 | 19.30 | | | |
| 1.4 | 16QAM | 6 | 0 | 19.33 | 19.44 | 19.28 | | | |
| 1.4 | 64QAM | 1 | 0 | 19.31 | 19.46 | 19.26 | | | |
| 1.4 | 64QAM | 1 | 3 | 19.38 | 19.46 | 19.29 | | | |
| 1.4 | 64QAM | 1 | 5 | 19.35 | 19.47 | 19.29 | | | |
| 1.4 | 64QAM | 3 | 0 | 19.41 | 19.49 | 19.28 | | | |
| 1.4 | 64QAM | 3 | 1 | 19.38 | 19.53 | 19.32 | | | |
| 1.4 | 64QAM | 3 | 3 | 19.34 | 19.49 | 19.30 | | | |
| 1.4 | 64QAM | 6 | 0 | 19.38 | 19.52 | 19.32 | | | |

| Band 7 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 20850 | 21000 | 21350 | | | |
| Frequency (MHz) | | | | 20850 | 21000 | 21350 | | | |
| 20 | QPSK | 1 | 0 | | | | | | |



| Band 38 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38180 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 19.53 | 19.59 | 19.63 | 21 | 0 | | |
| 20 | QPSK | 1 | 49 | 19.95 | 20.00 | 19.92 | | | | |
| 20 | QPSK | 1 | 99 | 19.94 | 19.93 | 19.86 | | | | |
| 20 | QPSK | 50 | 0 | 19.90 | 19.94 | 19.86 | | | | |
| 20 | QPSK | 50 | 24 | 19.89 | 19.84 | 19.84 | 21 | 0 | | |
| 20 | QPSK | 50 | 50 | 19.90 | 19.99 | 19.81 | | | | |
| 20 | QPSK | 100 | 0 | 19.81 | 19.87 | 19.85 | | | | |
| 20 | 16QAM | 1 | 0 | 19.26 | 19.26 | 19.25 | | | | |
| 20 | 16QAM | 1 | 49 | 19.81 | 19.84 | 19.66 | 21 | 0 | | |
| 20 | 16QAM | 1 | 99 | 19.63 | 19.39 | 19.40 | | | | |
| 20 | 16QAM | 50 | 0 | 19.80 | 19.81 | 19.72 | | | | |
| 20 | 16QAM | 50 | 24 | 19.84 | 19.83 | 19.70 | | | | |
| 20 | 16QAM | 50 | 50 | 19.79 | 19.86 | 19.80 | 21 | 0 | | |
| 20 | 16QAM | 100 | 0 | 19.95 | 19.85 | 19.86 | | | | |
| 20 | 64QAM | 1 | 0 | 19.66 | 19.54 | 19.73 | | | | |
| 20 | 64QAM | 1 | 49 | 19.95 | 19.82 | 19.84 | | | | |
| 20 | 64QAM | 1 | 99 | 19.71 | 19.67 | 19.68 | 21 | 0 | | |
| 20 | 64QAM | 50 | 0 | 19.81 | 19.74 | 19.76 | | | | |
| 20 | 64QAM | 50 | 24 | 19.95 | 19.85 | 19.88 | | | | |
| 20 | 64QAM | 50 | 50 | 19.96 | 19.86 | 19.82 | | | | |
| 20 | 64QAM | 100 | 0 | 19.96 | 19.86 | 19.88 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 19.44 | 19.55 | 19.56 | 21 | 0 | | |
| 15 | QPSK | 1 | 37 | 19.90 | 19.96 | 19.88 | | | | |
| 15 | QPSK | 1 | 74 | 19.84 | 19.85 | 19.81 | | | | |
| 15 | QPSK | 36 | 0 | 19.91 | 19.99 | 19.92 | | | | |
| 15 | QPSK | 36 | 20 | 19.81 | 19.75 | 19.77 | 21 | 0 | | |
| 15 | QPSK | 36 | 39 | 19.70 | 19.86 | 19.75 | | | | |
| 15 | QPSK | 75 | 0 | 19.72 | 19.81 | 19.76 | | | | |
| 15 | 16QAM | 1 | 0 | 19.20 | 19.22 | 19.19 | | | | |
| 15 | 16QAM | 1 | 37 | 19.75 | 19.54 | 19.56 | 21 | 0 | | |
| 15 | 16QAM | 1 | 74 | 19.55 | 19.36 | 19.32 | | | | |
| 15 | 16QAM | 36 | 0 | 19.71 | 19.76 | 19.62 | | | | |
| 15 | 16QAM | 36 | 20 | 19.77 | 19.75 | 19.61 | | | | |
| 15 | 16QAM | 36 | 39 | 19.69 | 19.83 | 19.80 | 21 | 0 | | |
| 15 | 16QAM | 75 | 0 | 19.88 | 19.80 | 19.81 | | | | |
| 15 | 64QAM | 1 | 0 | 19.62 | 19.50 | 19.70 | | | | |
| 15 | 64QAM | 1 | 37 | 19.87 | 19.73 | 19.77 | | | | |
| 15 | 64QAM | 1 | 74 | 19.65 | 19.62 | 19.61 | 21 | 0 | | |
| 15 | 64QAM | 36 | 0 | 19.71 | 19.66 | 19.66 | | | | |
| 15 | 64QAM | 36 | 20 | 19.89 | 19.75 | 19.82 | | | | |
| 15 | 64QAM | 36 | 39 | 19.86 | 19.82 | 19.83 | | | | |
| 15 | 64QAM | 75 | 0 | 19.92 | 19.81 | 19.79 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 19.45 | 19.53 | 19.56 | 21 | 0 | | |
| 10 | QPSK | 1 | 49 | 19.84 | 19.83 | 19.78 | | | | |
| 10 | QPSK | 25 | 0 | 19.83 | 19.87 | 19.83 | | | | |
| 10 | QPSK | 25 | 12 | 19.79 | 19.74 | 19.81 | | | | |
| 10 | QPSK | 25 | 25 | 19.74 | 19.85 | 19.75 | 21 | 0 | | |
| 10 | QPSK | 50 | 0 | 19.73 | 19.80 | 19.75 | | | | |
| 10 | 16QAM | 1 | 0 | 19.17 | 19.20 | 19.20 | | | | |
| 10 | 16QAM | 1 | 25 | 19.73 | 19.60 | 19.60 | | | | |
| 10 | 16QAM | 1 | 49 | 19.58 | 19.31 | 19.30 | 21 | 0 | | |
| 10 | 16QAM | 25 | 0 | 19.74 | 19.76 | 19.62 | | | | |
| 10 | 16QAM | 25 | 12 | 19.81 | 19.78 | 19.66 | | | | |
| 10 | 16QAM | 25 | 25 | 19.74 | 19.81 | 19.86 | | | | |
| 10 | 16QAM | 50 | 0 | 19.87 | 19.81 | 19.81 | 21 | 0 | | |
| 10 | 64QAM | 1 | 0 | 19.63 | 19.50 | 19.66 | | | | |
| 10 | 64QAM | 1 | 25 | 19.92 | 19.76 | 19.81 | | | | |
| 10 | 64QAM | 1 | 49 | 19.67 | 19.64 | 19.59 | | | | |
| 10 | 64QAM | 25 | 0 | 19.75 | 19.67 | 19.72 | 21 | 0 | | |
| 10 | 64QAM | 25 | 12 | 19.87 | 19.81 | 19.79 | | | | |
| 10 | 64QAM | 25 | 25 | 19.88 | 19.80 | 19.86 | | | | |
| 10 | 64QAM | 50 | 0 | 19.89 | 19.82 | 19.81 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 19.45 | 19.54 | 19.53 | 21 | 0 | | |
| 5 | QPSK | 1 | 12 | 19.91 | 19.94 | 19.88 | | | | |
| 5 | QPSK | 1 | 24 | 19.86 | 19.84 | 19.78 | | | | |
| 5 | QPSK | 12 | 0 | 19.85 | 19.89 | 19.78 | | | | |
| 5 | QPSK | 12 | 7 | 19.86 | 19.81 | 19.81 | 21 | 0 | | |
| 5 | QPSK | 12 | 13 | 19.71 | 19.79 | 19.78 | | | | |
| 5 | QPSK | 25 | 0 | 19.74 | 19.81 | 19.80 | | | | |
| 5 | 16QAM | 1 | 0 | 19.18 | 19.17 | 19.20 | | | | |
| 5 | 16QAM | 1 | 12 | 19.77 | 19.61 | 19.60 | 21 | 0 | | |
| 5 | 16QAM | 1 | 24 | 19.58 | 19.29 | 19.36 | | | | |
| 5 | 16QAM | 12 | 0 | 19.71 | 19.73 | 19.64 | | | | |
| 5 | 16QAM | 12 | 7 | 19.76 | 19.80 | 19.65 | | | | |
| 5 | 16QAM | 12 | 13 | 19.72 | 19.80 | 19.81 | 21 | 0 | | |
| 5 | 16QAM | 25 | 0 | 19.86 | 19.77 | 19.82 | | | | |
| 5 | 64QAM | 1 | 0 | 19.57 | 19.49 | 19.68 | | | | |
| 5 | 64QAM | 1 | 12 | 19.91 | 19.73 | 19.80 | | | | |
| 5 | 64QAM | 1 | 24 | 19.62 | 19.58 | 19.61 | 21 | 0 | | |
| 5 | 64QAM | 12 | 0 | 19.77 | 19.67 | 19.69 | | | | |
| 5 | 64QAM | 12 | 7 | 19.90 | 19.77 | 19.82 | | | | |
| 5 | 64QAM | 12 | 13 | 19.81 | 19.86 | 19.86 | | | | |
| 5 | 64QAM | 25 | 0 | 19.92 | 19.76 | 19.82 | | | | |

| Band 41 | | | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|---------------------|----------|--|--|
| 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 | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | | | |
| Frequency (MHz) | | | | 2596 | 2549.5 | 2593 | 2638.5 | 2680 | | | | |
| 20 | QPSK | 1 | 0 | 19.96 | 20.02 | 20.39 | 19.97 | 19.90 | 21.5 | 0 | | |
| 20 | QPSK | 1 | 49 | 20.13 | 20.42 | 20.30 | 19.94 | 19.95 | | | | |
| 20 | QPSK | 1 | 99 | 19.95 | 20.39 | 20.22 | 20.20 | 20.19 | | | | |
| 20 | QPSK | 50 | 0 | 20.15 | 20.34 | 20.30 | 20.15 | 19.95 | | | | |
| 20 | QPSK | 50 | 24 | 19.99 | 20.18 | 20.25 | 20.14 | 19.89 | 21.5 | 0 | | |
| 20 | QPSK | 50 | 50 | 19.94 | 20.07 | 20.11 | 20.10 | 19.87 | | | | |
| 20 | QPSK | 100 | 0 | 20.14 | 20.26 | 20.18 | 19.99 | 20.07 | | | | |
| 20 | 16QAM | 1 | 0 | 19.63 | 19.90 | 19.99 | 20.08 | 20.17 | | | | |
| 20 | 16QAM | 1 | 49 | 20.13 | 20.17 | 20.14 | 19.83 | 19.90 | 21.5 | 0 | | |
| 20 | 16QAM | 1 | 99 | 19.86 | 20.10 | 19.87 | 19.70 | 19.66 | | | | |
| 20 | 16QAM | 50 | 0 | 19.49 | 19.53 | 19.62 | 19.42 | 19.65 | | | | |
| 20 | 16QAM | 50 | 24 | 19.37 | 19.53 | 19.59 | 19.46 | 19.49 | | | | |
| 20 | 16QAM | 50 | 50 | 19.32 | 19.64 | 19.83 | 19.46 | 19.65 | 21 | 0.5 | | |
| 20 | 16QAM | 100 | 0 | 19.37 | 19.76 | 19.88 | 19.38 | 19.48 | | | | |
| 20 | 64QAM | 1 | 0 | 19.51 | 19.66 | 19.71 | 19.47 | 19.68 | | | | |
| 20 | 64QAM | 1 | 49 | 19.53 | 19.53 | 19.80 | 19.83 | 19.66 | | | | |
| 20 | 64QAM | 1 | 99 | 19.60 | 19.80 | 19.33 | 19.43 | 19.57 | 20.5 | 1 | | |
| 20 | 64QAM | 50 | 0 | 19.09 | 19.24 | 19.70 | 19.51 | 19.37 | | | | |
| 20 | 64QAM | 50 | 24 | 19.30 | 19.57 | 19.42 | 19.34 | 19.46 | | | | |
| 20 | 64QAM | 50 | 50 | 19.23 | 19.06 | 19.42 | 19.44 | 19.35 | | | | |
| 20 | 64QAM | 100 | 0 | 19.04 | 19.06 | 19.43 | 19.12 | 19.22 | | | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2593.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | | | |
| 15 | QPSK | 1 | 0 | 19.62 | 19.87 | 20.33 | 19.77 | 19.75 | 21.50 | 0 | | |
| 15 | QPSK | 1 | 37 | 20.06 | 20.19 | 20.00 | 19.58 | 19.66 | | | | |
| 15 | QPSK | 1 | 74 | 19.68 | 20.00 | 20.05 | 20.06 | 19.93 | | | | |
| 15 | QPSK | 36 | 0 | 19.29 | 20.08 | 20.13 | 19.51 | 19.57 | | | | |
| 15 | QPSK | 36 | 20 | 19.90 | 19.79 | 20.21 | 19.70 | 19.86 | 21.5 | 0 | | |
| 15 | QPSK | 36 | 39 | 19.62 | 19.96 | 20.03 | 19.95 | 19.65 | | | | |
| 15 | QPSK | 75 | 0 | 19.87 | 20.06 | 19.90 | 19.93 | 19.82 | | | | |
| 15 | 16QAM | 1 | 0 | 19.57 | 19.76 | 19.74 | 19.87 | 19.94 | | | | |
| 15 | 16QAM | 1 | 37 | 19.90 | 19.97 | 19.83 | 19.58 | 19.57 | 21.5 | 0 | | |
| 15 | 16QAM | 1 | 74 | 19.77 | 19.97 | 19.88 | 19.51 | 19.66 | | | | |
| 15 | 16QAM | 36 | 0 | 19.23 | 19.27 | 19.33 | 19.15 | 19.67 | | | | |
| 15 | 16QAM | 36 | 20 | 19.23 | 19.16 | 19.25 | 19.24 | 19.27 | | | | |
| 15 | 16QAM | 36 | 39 | 19.14 | 19.49 | 19.52 | 19.13 | 19.43 | 21 | 0.5 | | |
| 15 | 16QAM | 75 | 0 | 19.19 | 19.60 | 19.85 | 19.24 | 19.46 | | | | |
| 15 | 64QAM | 1 | 0 | 19.43 | 19.54 | 19.33 | 19.24 | 19.60 | | | | |
| 15 | 64QAM | 1 | 37 | 19.47 | 19.32 | 19.74 | 19.46 | 19.59 | | | | |
| | | | | | | | | | | | | |



Reduced Power Mode for Hotspot on

| GSM900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame Average Power (dBm) | | | Tune-up Limit (dBm) |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| | 128 | 189 | 261 | | 128 | 189 | 261 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.6 | 824.2 | 836.4 | 848.6 | | |
| GSM 1 Tx slot | 32.41 | 32.43 | 32.30 | 33.00 | 23.41 | 23.43 | 23.30 | 24.00 |
| GPRS 1 Tx slot | 32.44 | 32.45 | 32.35 | 33.00 | 23.44 | 23.45 | 23.35 | 24.00 |
| GPRS 2 Tx slots | 30.27 | 30.37 | 30.29 | 31.50 | 24.27 | 24.37 | 24.29 | 25.50 |
| GPRS 3 Tx slots | 27.99 | 28.11 | 28.09 | 29.50 | 23.73 | 23.85 | 23.83 | 25.24 |
| GPRS 4 Tx slots | 26.04 | 26.01 | 26.06 | 28.00 | 23.04 | 23.01 | 23.06 | 25.00 |
| EDGE 1 Tx slot | 26.36 | 26.15 | 26.34 | 28.00 | 17.36 | 17.15 | 17.34 | 19.00 |
| EDGE 2 Tx slots | 24.29 | 24.19 | 24.21 | 25.50 | 18.29 | 18.19 | 18.21 | 19.50 |
| EDGE 3 Tx slots | 21.78 | 21.95 | 21.95 | 23.00 | 17.52 | 17.69 | 17.69 | 18.74 |
| EDGE 4 Tx slots | 19.27 | 19.24 | 19.31 | 20.50 | 16.27 | 16.24 | 16.31 | 17.50 |

| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame Average Power (dBm) | | | Tune-up Limit (dBm) |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|--------|-------|---------------------------|
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1860 | 1909.8 | 1850.2 | 1860 | 1909.8 | | |
| GSM 1 Tx slot | 27.60 | 27.65 | 27.48 | 28.50 | 18.60 | 18.65 | 18.48 | 19.50 |
| GPRS 1 Tx slot | 27.62 | 27.68 | 27.51 | 28.50 | 18.62 | 18.68 | 18.51 | 19.50 |
| GPRS 2 Tx slots | 25.41 | 25.45 | 25.38 | 26.50 | 19.41 | 19.45 | 19.38 | 20.50 |
| GPRS 3 Tx slots | 22.92 | 23.03 | 23.08 | 24.00 | 18.66 | 18.77 | 18.82 | 19.74 |
| GPRS 4 Tx slots | 21.33 | 21.25 | 21.05 | 22.50 | 18.33 | 18.25 | 18.05 | 19.50 |
| EDGE 1 Tx slot | 24.23 | 24.01 | 23.97 | 25.00 | 15.23 | 15.01 | 14.97 | 16.00 |
| EDGE 2 Tx slots | 22.22 | 21.98 | 21.86 | 22.50 | 16.22 | 15.98 | 15.86 | 16.50 |
| EDGE 3 Tx slots | 19.68 | 19.86 | 19.81 | 20.00 | 15.42 | 15.60 | 15.55 | 15.74 |
| EDGE 4 Tx slots | 17.87 | 17.85 | 17.68 | 19.00 | 14.87 | 14.85 | 14.68 | 16.00 |

| Band | TX Channel | WCDMA 1 | | | Tune-up Limit (dBm) |
|-------------|--------------------|------------|-------|--------|---------------------------|
| | | Rx Channel | 9262 | 9490 | |
| | | 9662 | 9890 | 9938 | |
| | Frequency (MHz) | 1852.4 | 1860 | 1907.6 | |
| 3GPP Rel 99 | AMR 12.2kops | 18.78 | 18.76 | 18.65 | 20.00 |
| 3GPP Rel 99 | AMR 12.2kops | 18.88 | 18.93 | 18.91 | 20.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 17.99 | 17.87 | 18.03 | 19.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 17.98 | 18.01 | 18.06 | 19.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 17.48 | 17.48 | 17.47 | 18.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 17.41 | 17.58 | 17.48 | 18.50 |
| 3GPP Rel 6 | DC-HSDPA Subtest-1 | 17.95 | 17.87 | 17.98 | 19.00 |
| 3GPP Rel 6 | DC-HSDPA Subtest-2 | 17.83 | 17.96 | 17.95 | 19.00 |
| 3GPP Rel 6 | DC-HSDPA Subtest-3 | 17.33 | 17.37 | 17.49 | 18.50 |
| 3GPP Rel 6 | DC-HSDPA Subtest-4 | 17.41 | 17.46 | 17.38 | 18.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 17.65 | 18.01 | 18.03 | 19.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 15.96 | 15.95 | 15.86 | 17.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 16.97 | 16.97 | 17.05 | 18.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 15.85 | 15.99 | 16.17 | 17.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 18.04 | 18.08 | 18.10 | 19.00 |



| Band 2 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 18700 | 18800 | 19100 | | | |
| Frequency (MHz) | | | | 1926 | 1930 | 1930 | | | |
| 20 | QPSK | 1 | 0 | 19.26 | 19.30 | 19.30 | 20.5 | 0 | |
| 20 | QPSK | 1 | 49 | 19.45 | 19.58 | 19.40 | | | |
| 20 | QPSK | 1 | 99 | 19.40 | 19.43 | 19.31 | | | |
| 20 | QPSK | 50 | 0 | 19.48 | 19.55 | 19.42 | | | |
| 20 | QPSK | 50 | 24 | 19.44 | 19.52 | 19.36 | | | |
| 20 | QPSK | 50 | 50 | 19.39 | 19.54 | 19.38 | | | |
| 20 | QPSK | 100 | 0 | 19.41 | 19.54 | 19.39 | | | |
| 20 | 16QAM | 1 | 0 | 19.39 | 19.53 | 19.35 | | | |
| 20 | 16QAM | 1 | 49 | 19.43 | 19.35 | 19.25 | | | |
| 20 | 16QAM | 1 | 99 | 19.08 | 19.52 | 18.83 | | | |
| 20 | 16QAM | 50 | 0 | 19.43 | 19.56 | 19.34 | | | |
| 20 | 16QAM | 50 | 24 | 19.40 | 19.54 | 19.36 | | | |
| 20 | 16QAM | 50 | 50 | 19.43 | 19.55 | 19.37 | | | |
| 20 | 16QAM | 100 | 0 | 19.42 | 19.52 | 19.37 | | | |
| 20 | 64QAM | 1 | 0 | 19.39 | 19.56 | 19.34 | | | |
| 20 | 64QAM | 1 | 49 | 19.43 | 19.54 | 19.37 | | | |
| 20 | 64QAM | 1 | 99 | 19.40 | 19.53 | 19.38 | | | |
| 20 | 64QAM | 50 | 0 | 19.44 | 19.53 | 19.36 | | | |
| 20 | 64QAM | 50 | 24 | 19.42 | 19.57 | 19.36 | | | |
| 20 | 64QAM | 50 | 50 | 19.43 | 19.53 | 19.37 | | | |
| 20 | 64QAM | 100 | 0 | 19.43 | 19.57 | 19.39 | | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | | |
| 15 | QPSK | 1 | 0 | 19.16 | 19.41 | 19.47 | 20.5 | 0 | |
| 15 | QPSK | 1 | 37 | 19.38 | 19.56 | 19.35 | | | |
| 15 | QPSK | 1 | 74 | 19.34 | 19.34 | 19.26 | | | |
| 15 | QPSK | 36 | 0 | 19.41 | 19.46 | 19.33 | | | |
| 15 | QPSK | 36 | 20 | 19.35 | 19.42 | 19.33 | | | |
| 15 | QPSK | 36 | 39 | 19.29 | 19.47 | 19.34 | | | |
| 15 | QPSK | 75 | 0 | 19.37 | 19.47 | 19.32 | | | |
| 15 | 16QAM | 1 | 0 | 19.35 | 19.50 | 19.27 | | | |
| 15 | 16QAM | 1 | 37 | 19.37 | 19.29 | 19.01 | | | |
| 15 | 16QAM | 1 | 74 | 19.02 | 19.42 | 18.74 | | | |
| 15 | 16QAM | 36 | 0 | 19.40 | 19.50 | 19.26 | | | |
| 15 | 16QAM | 36 | 20 | 19.35 | 19.49 | 19.30 | | | |
| 15 | 16QAM | 36 | 39 | 19.30 | 19.50 | 19.32 | | | |
| 15 | 16QAM | 75 | 0 | 19.32 | 19.43 | 19.32 | | | |
| 15 | 64QAM | 1 | 0 | 19.32 | 19.48 | 19.28 | | | |
| 15 | 64QAM | 1 | 37 | 19.40 | 19.50 | 19.30 | | | |
| 15 | 64QAM | 1 | 74 | 19.31 | 19.50 | 19.32 | | | |
| 15 | 64QAM | 36 | 0 | 19.40 | 19.43 | 19.31 | | | |
| 15 | 64QAM | 36 | 20 | 19.36 | 19.52 | 19.27 | | | |
| 15 | 64QAM | 36 | 39 | 19.40 | 19.46 | 19.29 | | | |
| 15 | 64QAM | 75 | 0 | 19.33 | 19.50 | 19.36 | | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | | |
| 10 | QPSK | 1 | 0 | 19.21 | 19.41 | 19.46 | 20.5 | 0 | |
| 10 | QPSK | 1 | 25 | 19.39 | 19.53 | 19.37 | | | |
| 10 | QPSK | 1 | 49 | 19.34 | 19.33 | 19.25 | | | |
| 10 | QPSK | 25 | 0 | 19.42 | 19.47 | 19.39 | | | |
| 10 | QPSK | 25 | 12 | 19.35 | 19.48 | 19.33 | | | |
| 10 | QPSK | 25 | 25 | 19.32 | 19.51 | 19.34 | | | |
| 10 | QPSK | 50 | 0 | 19.31 | 19.46 | 19.33 | | | |
| 10 | 16QAM | 1 | 0 | 19.31 | 19.46 | 19.27 | | | |
| 10 | 16QAM | 1 | 25 | 19.37 | 19.30 | 18.95 | | | |
| 10 | 16QAM | 1 | 49 | 19.05 | 19.49 | 18.76 | | | |
| 10 | 16QAM | 25 | 0 | 19.35 | 19.46 | 19.24 | | | |
| 10 | 16QAM | 25 | 12 | 19.36 | 19.44 | 19.28 | | | |
| 10 | 16QAM | 25 | 25 | 19.38 | 19.49 | 19.33 | | | |
| 10 | 16QAM | 50 | 0 | 19.33 | 19.44 | 19.30 | | | |
| 10 | 64QAM | 1 | 0 | 19.33 | 19.53 | 19.30 | | | |
| 10 | 64QAM | 1 | 25 | 19.38 | 19.46 | 19.30 | | | |
| 10 | 64QAM | 1 | 49 | 19.30 | 19.46 | 19.35 | | | |
| 10 | 64QAM | 25 | 0 | 19.38 | 19.48 | 19.29 | | | |
| 10 | 64QAM | 25 | 12 | 19.37 | 19.47 | 19.27 | | | |
| 10 | 64QAM | 25 | 25 | 19.38 | 19.43 | 19.29 | | | |
| 10 | 64QAM | 50 | 0 | 19.36 | 19.51 | 19.31 | | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | | |
| 5 | QPSK | 1 | 0 | 19.20 | 19.41 | 19.47 | 20.5 | 0 | |
| 5 | QPSK | 1 | 12 | 19.38 | 19.52 | 19.35 | | | |
| 5 | QPSK | 1 | 24 | 19.33 | 19.39 | 19.21 | | | |
| 5 | QPSK | 12 | 0 | 19.39 | 19.46 | 19.37 | | | |
| 5 | QPSK | 12 | 7 | 19.41 | 19.42 | 19.31 | | | |
| 5 | QPSK | 12 | 13 | 19.34 | 19.46 | 19.31 | | | |
| 5 | QPSK | 25 | 0 | 19.33 | 19.50 | 19.31 | | | |
| 5 | 16QAM | 1 | 0 | 19.33 | 19.45 | 19.26 | | | |
| 5 | 16QAM | 1 | 12 | 19.33 | 19.34 | 18.95 | | | |
| 5 | 16QAM | 1 | 24 | 19.02 | 19.47 | 18.73 | | | |
| 5 | 16QAM | 12 | 0 | 19.35 | 19.51 | 19.30 | | | |
| 5 | 16QAM | 12 | 7 | 19.35 | 19.50 | 19.28 | | | |
| 5 | 16QAM | 12 | 13 | 19.38 | 19.51 | 19.29 | | | |
| 5 | 16QAM | 25 | 0 | 19.34 | 19.44 | 19.24 | | | |
| 5 | 64QAM | 1 | 0 | 19.33 | 19.47 | 19.30 | | | |
| 5 | 64QAM | 1 | 12 | 19.35 | 19.49 | 19.27 | | | |
| 5 | 64QAM | 1 | 24 | 19.35 | 19.48 | 19.33 | | | |
| 5 | 64QAM | 12 | 0 | 19.35 | 19.49 | 19.33 | | | |
| 5 | 64QAM | 12 | 7 | 19.38 | 19.49 | 19.26 | | | |
| 5 | 64QAM | 12 | 13 | 19.37 | 19.46 | 19.29 | | | |
| 5 | 64QAM | 25 | 0 | 19.34 | 19.48 | 19.35 | | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | | |
| 3 | QPSK | 1 | 0 | 19.19 | 19.40 | 19.42 | 20.5 | 0 | |
| 3 | QPSK | 1 | 8 | 19.40 | 19.52 | 19.35 | | | |
| 3 | QPSK | 1 | 14 | 19.33 | 19.40 | 19.24 | | | |
| 3 | QPSK | 8 | 0 | 19.44 | 19.49 | 19.35 | | | |
| 3 | QPSK | 8 | 4 | 19.37 | 19.47 | 19.32 | | | |
| 3 | QPSK | 8 | 7 | 19.36 | 19.51 | 19.30 | | | |
| 3 | QPSK | 15 | 0 | 19.36 | 19.48 | 19.35 | | | |
| 3 | 16QAM | 1 | 0 | 19.29 | 19.50 | 19.27 | | | |
| 3 | 16QAM | 1 | 8 | 19.39 | 19.34 | 19.02 | | | |
| 3 | 16QAM | 1 | 14 | 18.99 | 19.43 | 18.75 | | | |
| 3 | 16QAM | 8 | 0 | 19.35 | 19.48 | 19.28 | | | |
| 3 | 16QAM | 8 | 4 | 19.34 | 19.50 | 19.26 | | | |
| 3 | 16QAM | 8 | 7 | 19.33 | 19.52 | 19.27 | | | |
| 3 | 16QAM | 15 | 0 | 19.39 | 19.46 | 19.33 | | | |
| 3 | 64QAM | 1 | 0 | 19.29 | 19.50 | 19.27 | | | |
| 3 | 64QAM | 1 | 8 | 19.34 | 19.49 | 19.29 | | | |
| 3 | 64QAM | 1 | 14 | 19.35 | 19.46 | 19.35 | | | |
| 3 | 64QAM | 8 | 0 | 19.40 | 19.46 | 19.29 | | | |
| 3 | 64QAM | 8 | 4 | 19.33 | 19.47 | 19.33 | | | |
| 3 | 64QAM | 8 | 7 | 19.35 | 19.45 | 19.28 | | | |
| 3 | 64QAM | 15 | 0 | 19.40 | 19.53 | 19.36 | | | |
| Channel | | | | 18600 | 18900 | 19195 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | | |
| 1.4 | QPSK | 1 | 0 | 19.21 | 19.46 | 19.47 | 20.5 | 0 | |
| 1.4 | QPSK | 1 | 3 | 19.38 | 19.55 | 19.35 | | | |
| 1.4 | QPSK | 1 | 5 | 19.30 | 19.34 | 19.24 | | | |
| 1.4 | QPSK | 3 | 0 | 19.39 | 19.51 | 19.35 | | | |
| 1.4 | QPSK | 3 | 1 | 19.36 | 19.44 | 19.30 | | | |
| 1.4 | QPSK | 3 | 3 | 19.35 | 19.49 | 19.30 | | | |
| 1.4 | QPSK | 6 | 0 | 19.37 | 19.51 | 19.35 | | | |
| 1.4 | 16QAM | 1 | 0 | 19.35 | 19.48 | 19.32 | | | |
| 1.4 | 16QAM | 1 | 3 | 19.40 | 19.25 | 19.35 | | | |
| 1.4 | 16QAM | 1 | 5 | 19.05 | 19.46 | 18.80 | | | |
| 1.4 | 16QAM | 3 | 0 | 19.33 | 19.52 | 19.26 | | | |
| 1.4 | 16QAM | 3 | 1 | 19.34 | 19.47 | 19.26 | | | |
| 1.4 | 16QAM | 3 | 3 | 19.35 | 19.50 | 19.30 | | | |
| 1.4 | 16QAM | 6 | 0 | 19.33 | 19.44 | 19.28 | | | |
| 1.4 | 64QAM | 1 | 0 | 19.31 | 19.46 | 19.26 | | | |
| 1.4 | 64QAM | 1 | 3 | 19.38 | 19.46 | 19.29 | | | |
| 1.4 | 64QAM | 1 | 5 | 19.35 | 19.47 | 19.29 | | | |
| 1.4 | 64QAM | 3 | 0 | 19.41 | 19.49 | 19.26 | | | |
| 1.4 | 64QAM | 3 | 1 | 19.38 | 19.53 | 19.32 | | | |
| 1.4 | 64QAM | 3 | 3 | 19.34 | 19.49 | 19.30 | | | |
| 1.4 | 64QAM | 6 | 0 | 19.38 | 19.52 | 19.32 | | | |

| Band 7 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 20850 | 21100 | 21350 | | | |
| Frequency (MHz) | | | | 2310 | 2325 | | | | |



| Band 38 | | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 19.53 | 19.59 | 19.63 | 21 | 0 | | |
| 20 | QPSK | 1 | 49 | 19.95 | 20.00 | 19.92 | | | | |
| 20 | QPSK | 1 | 99 | 19.94 | 19.93 | 19.86 | | | | |
| 20 | QPSK | 50 | 0 | 19.90 | 19.94 | 19.86 | | | | |
| 20 | QPSK | 50 | 24 | 19.89 | 19.84 | 19.84 | 21 | 0 | | |
| 20 | QPSK | 50 | 50 | 19.90 | 19.99 | 19.81 | | | | |
| 20 | QPSK | 100 | 0 | 19.81 | 19.87 | 19.85 | | | | |
| 20 | 16QAM | 1 | 0 | 19.26 | 19.26 | 19.25 | | | | |
| 20 | 16QAM | 1 | 49 | 19.81 | 19.84 | 19.66 | 21 | 0 | | |
| 20 | 16QAM | 1 | 99 | 19.63 | 19.39 | 19.40 | | | | |
| 20 | 16QAM | 50 | 0 | 19.80 | 19.81 | 19.72 | | | | |
| 20 | 16QAM | 50 | 24 | 19.84 | 19.83 | 19.70 | 21 | 0 | | |
| 20 | 16QAM | 50 | 50 | 19.79 | 19.86 | 19.80 | | | | |
| 20 | 16QAM | 100 | 0 | 19.95 | 19.85 | 19.86 | | | | |
| 20 | 64QAM | 1 | 0 | 19.66 | 19.54 | 19.73 | | | | |
| 20 | 64QAM | 1 | 49 | 19.95 | 19.82 | 19.84 | 21 | 0 | | |
| 20 | 64QAM | 1 | 99 | 19.71 | 19.67 | 19.68 | | | | |
| 20 | 64QAM | 50 | 0 | 19.81 | 19.74 | 19.76 | | | | |
| 20 | 64QAM | 50 | 24 | 19.95 | 19.85 | 19.88 | 21 | 0 | | |
| 20 | 64QAM | 50 | 50 | 19.91 | 19.89 | 19.82 | | | | |
| 20 | 64QAM | 100 | 0 | 19.96 | 19.86 | 19.88 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 19.44 | 19.55 | 19.56 | 21 | 0 | | |
| 15 | QPSK | 1 | 37 | 19.90 | 19.96 | 19.88 | | | | |
| 15 | QPSK | 1 | 74 | 19.84 | 19.85 | 19.81 | | | | |
| 15 | QPSK | 36 | 0 | 19.80 | 19.86 | 19.79 | 21 | 0 | | |
| 15 | QPSK | 36 | 20 | 19.81 | 19.75 | 19.77 | | | | |
| 15 | QPSK | 36 | 39 | 19.70 | 19.86 | 19.75 | | | | |
| 15 | QPSK | 75 | 0 | 19.72 | 19.81 | 19.76 | | | | |
| 15 | 16QAM | 1 | 0 | 19.20 | 19.22 | 19.19 | | | | |
| 15 | 16QAM | 1 | 37 | 19.75 | 19.54 | 19.56 | 21 | 0 | | |
| 15 | 16QAM | 1 | 74 | 19.55 | 19.36 | 19.32 | | | | |
| 15 | 16QAM | 36 | 0 | 19.72 | 19.76 | 19.62 | 21 | 0 | | |
| 15 | 16QAM | 36 | 20 | 19.77 | 19.75 | 19.61 | | | | |
| 15 | 16QAM | 36 | 39 | 19.69 | 19.83 | 19.80 | | | | |
| 15 | 16QAM | 75 | 0 | 19.88 | 19.80 | 19.81 | | | | |
| 15 | 64QAM | 1 | 0 | 19.62 | 19.50 | 19.70 | | | | |
| 15 | 64QAM | 1 | 37 | 19.87 | 19.73 | 19.77 | 21 | 0 | | |
| 15 | 64QAM | 1 | 74 | 19.65 | 19.62 | 19.61 | | | | |
| 15 | 64QAM | 36 | 0 | 19.72 | 19.86 | 19.86 | 21 | 0 | | |
| 15 | 64QAM | 36 | 20 | 19.80 | 19.75 | 19.82 | | | | |
| 15 | 64QAM | 36 | 39 | 19.86 | 19.82 | 19.83 | | | | |
| 15 | 64QAM | 75 | 0 | 19.92 | 19.81 | 19.79 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 19.45 | 19.53 | 19.56 | 21 | 0 | | |
| 10 | QPSK | 1 | 25 | 19.73 | 19.96 | 19.85 | | | | |
| 10 | QPSK | 1 | 49 | 19.84 | 19.83 | 19.78 | | | | |
| 10 | QPSK | 25 | 0 | 19.83 | 19.87 | 19.83 | 21 | 0 | | |
| 10 | QPSK | 25 | 12 | 19.79 | 19.74 | 19.81 | | | | |
| 10 | QPSK | 25 | 25 | 19.74 | 19.85 | 19.75 | | | | |
| 10 | QPSK | 50 | 0 | 19.73 | 19.80 | 19.75 | | | | |
| 10 | 16QAM | 1 | 0 | 19.17 | 19.20 | 19.20 | | | | |
| 10 | 16QAM | 1 | 25 | 19.73 | 19.60 | 19.60 | 21 | 0 | | |
| 10 | 16QAM | 1 | 49 | 19.58 | 19.31 | 19.30 | | | | |
| 10 | 16QAM | 25 | 0 | 19.74 | 19.76 | 19.62 | | | | |
| 10 | 16QAM | 25 | 12 | 19.81 | 19.78 | 19.66 | 21 | 0 | | |
| 10 | 16QAM | 25 | 25 | 19.74 | 19.81 | 19.86 | | | | |
| 10 | 16QAM | 50 | 0 | 19.87 | 19.81 | 19.81 | | | | |
| 10 | 64QAM | 1 | 0 | 19.63 | 19.50 | 19.66 | | | | |
| 10 | 64QAM | 1 | 25 | 19.92 | 19.76 | 19.81 | 21 | 0 | | |
| 10 | 64QAM | 1 | 49 | 19.67 | 19.64 | 19.59 | | | | |
| 10 | 64QAM | 25 | 0 | 19.75 | 19.67 | 19.72 | | | | |
| 10 | 64QAM | 25 | 12 | 19.87 | 19.81 | 19.79 | 21 | 0 | | |
| 10 | 64QAM | 25 | 25 | 19.88 | 19.80 | 19.86 | | | | |
| 10 | 64QAM | 50 | 0 | 19.89 | 19.82 | 19.81 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 19.46 | 19.54 | 19.53 | 21 | 0 | | |
| 5 | QPSK | 1 | 12 | 19.91 | 19.94 | 19.88 | | | | |
| 5 | QPSK | 1 | 24 | 19.86 | 19.84 | 19.78 | | | | |
| 5 | QPSK | 12 | 0 | 19.85 | 19.89 | 19.78 | 21 | 0 | | |
| 5 | QPSK | 12 | 7 | 19.86 | 19.81 | 19.81 | | | | |
| 5 | QPSK | 12 | 13 | 19.71 | 19.79 | 19.78 | | | | |
| 5 | QPSK | 25 | 0 | 19.74 | 19.81 | 19.80 | 21 | 0 | | |
| 5 | 16QAM | 1 | 0 | 19.18 | 19.17 | 19.20 | | | | |
| 5 | 16QAM | 1 | 12 | 19.77 | 19.61 | 19.60 | 21 | 0 | | |
| 5 | 16QAM | 1 | 24 | 19.58 | 19.29 | 19.36 | | | | |
| 5 | 16QAM | 12 | 0 | 19.71 | 19.73 | 19.64 | | | | |
| 5 | 16QAM | 12 | 7 | 19.76 | 19.80 | 19.65 | 21 | 0 | | |
| 5 | 16QAM | 12 | 13 | 19.72 | 19.80 | 19.81 | | | | |
| 5 | 16QAM | 25 | 0 | 19.86 | 19.77 | 19.82 | | | | |
| 5 | 64QAM | 1 | 0 | 19.57 | 19.49 | 19.68 | | | | |
| 5 | 64QAM | 1 | 12 | 19.91 | 19.73 | 19.80 | 21 | 0 | | |
| 5 | 64QAM | 1 | 24 | 19.62 | 19.58 | 19.61 | | | | |
| 5 | 64QAM | 12 | 0 | 19.77 | 19.67 | 19.69 | | | | |
| 5 | 64QAM | 12 | 7 | 19.90 | 19.77 | 19.82 | 21 | 0 | | |
| 5 | 64QAM | 12 | 13 | 19.81 | 19.86 | 19.86 | | | | |
| 5 | 64QAM | 25 | 0 | 19.92 | 19.76 | 19.82 | | | | |

| Band 41 | | | | | | | | | | |
|-----------------|------------|---------|-----------|------------------------------|--------------------------|------------------------|---------------------|----------|----|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 39750 | 40185 | 40620 | | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | | | | |
| 20 | QPSK | 1 | 0 | 19.96 | 20.02 | 20.39 | 21.5 | 0 | | |
| 20 | QPSK | 1 | 49 | 20.13 | 20.42 | 20.30 | | | | |
| 20 | QPSK | 1 | 99 | 19.95 | 20.39 | 20.22 | | | | |
| 20 | QPSK | 50 | 0 | 20.15 | 20.34 | 20.30 | | | | |
| 20 | QPSK | 50 | 24 | 19.99 | 20.18 | 20.25 | 21.5 | 0 | | |
| 20 | QPSK | 50 | 50 | 19.94 | 20.07 | 20.11 | | | | |
| 20 | QPSK | 100 | 0 | 20.14 | 20.28 | 20.18 | | | | |
| 20 | 16QAM | 1 | 0 | 19.63 | 19.90 | 19.99 | 21.5 | 0 | | |
| 20 | 16QAM | 1 | 49 | 20.13 | 20.17 | 20.14 | | | | |
| 20 | 16QAM | 1 | 99 | 19.86 | 20.10 | 19.87 | | | | |
| 20 | 16QAM | 50 | 0 | 19.49 | 19.53 | 19.62 | | | | |
| 20 | 16QAM | 50 | 24 | 19.37 | 19.53 | 19.59 | 21 | 0.5 | | |
| 20 | 16QAM | 50 | 50 | 19.32 | 19.64 | 19.83 | | | | |
| 20 | 16QAM | 100 | 0 | 19.37 | 19.76 | 19.88 | | | | |
| 20 | 64QAM | 1 | 0 | 19.51 | 19.56 | 19.71 | | | | |
| 20 | 64QAM | 1 | 49 | 19.53 | 19.53 | 19.80 | 20.5 | 1 | | |
| 20 | 64QAM | 1 | 99 | 19.60 | 19.80 | 19.33 | | | | |
| 20 | 64QAM | 50 | 0 | 19.09 | 19.24 | 19.70 | | | | |
| 20 | 64QAM | 50 | 24 | 19.30 | 19.57 | 19.42 | 20.5 | 1 | | |
| 20 | 64QAM | 50 | 50 | 19.23 | 19.86 | 19.42 | | | | |
| 20 | 64QAM | 100 | 0 | 19.04 | 19.06 | 19.43 | | | | |
| Channel | | | | 39725 | 40173 | 40620 | | | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | | | | |
| 15 | QPSK | 1 | 0 | 19.62 | 19.87 | 20.33 | 21.50 | 0 | | |
| 15 | QPSK | 1 | 37 | 20.06 | 20.19 | 20.00 | | | | |
| 15 | QPSK | 1 | 74 | 19.68 | 20.00 | 20.05 | | | | |
| 15 | QPSK | 36 | 0 | 19.79 | 20.06 | 20.13 | 21.5 | 0 | | |
| 15 | QPSK | 36 | 20 | 19.90 | 19.79 | 20.21 | | | | |
| 15 | QPSK | 36 | 39 | 19.62 | 19.96 | 20.03 | | | | |
| 15 | QPSK | 75 | 0 | 19.87 | 20.06 | 19.90 | | | | |
| 15 | 16QAM | 1 | 0 | 19.57 | 19.76 | 19.74 | 21.5 | 0 | | |
| 15 | 16QAM | 1 | 37 | 19.90 | 19.97 | 19.83 | | | | |
| 15 | 16QAM | 1 | 74 | 19.77 | 19.97 | 19.88 | | | | |
| 15 | 16QAM | 36 | 0 | 19.79 | 20.06 | 20.13 | 21 | 0.5 | | |
| 15 | 16QAM | 36 | 20 | 19.23 | 19.16 | 19.25 | | | | |
| 15 | 16QAM | 36 | 39 | 19.14 | 19.49 | 19.52 | | | | |
| 15 | 16QAM | 75 | 0 | 19.19 | 19.60 | 19.85 | | | | |
| 15 | 64QAM | 1 | 0 | 19.43 | 19.54 | 19.33 | 20.5 | 1 | | |
| 15 | 64QAM | 1 | 37 | 19.47 | 19.32 | 19.74 | | | </ | |



Reduced Power Mode for Handheld on

| GSM 1800 TX Channel Frequency (MHz) | Block Average Power (dBm) | | | Tune-up Limit (dBm) | Frame Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| | 1850.2 | 1880 | 1909.8 | 30.00 | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.07 | 29.13 | 29.10 | 30.00 | 20.07 | 20.13 | 20.10 | 21.00 |
| GPRS 1 Tx slot | 29.11 | 29.16 | 29.16 | 30.00 | 20.11 | 20.16 | 20.16 | 21.00 |
| GPRS 2 Tx slots | 29.94 | 29.96 | 29.97 | 29.00 | 20.94 | 20.96 | 20.97 | 22.00 |
| GPRS 3 Tx slots | 24.36 | 24.30 | 24.36 | 25.50 | 20.10 | 20.04 | 20.10 | 21.24 |
| GPRS 4 Tx slots | 22.78 | 22.97 | 22.76 | 24.00 | 19.78 | 19.97 | 19.78 | 21.00 |
| EDGE 1 Tx slot | 25.68 | 25.47 | 25.45 | 26.50 | 16.68 | 16.47 | 16.45 | 17.50 |
| EDGE 2 Tx slots | 23.06 | 23.39 | 23.28 | 24.00 | 17.68 | 17.39 | 17.28 | 18.00 |
| EDGE 3 Tx slots | 21.16 | 21.59 | 21.26 | 21.50 | 16.90 | 17.03 | 17.02 | 17.24 |
| EDGE 4 Tx slots | 19.36 | 19.26 | 19.15 | 20.50 | 16.36 | 16.26 | 16.15 | 17.50 |

| Band TX Channel Rx Channel Frequency (MHz) | WCDMA II | | | Tune-up Limit (dBm) |
|---|----------|-------|--------|---------------------------|
| | 9262 | 9490 | 9538 | |
| | 9892 | 9900 | 9938 | |
| | 1662.4 | 1660 | 1667.6 | |
| 3GPP Rel 99 AMR 12.2Kbps | 20.32 | 20.30 | 20.16 | 21.50 |
| 3GPP Rel 99 AMR 12.2Kbps | 20.36 | 20.45 | 20.43 | 21.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 19.49 | 19.33 | 19.55 | 20.50 |
| 3GPP Rel 6 HSDPA Subtest-2 | 19.42 | 19.47 | 19.59 | 20.50 |
| 3GPP Rel 6 HSDPA Subtest-3 | 19.01 | 18.95 | 18.91 | 20.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 18.92 | 19.06 | 18.96 | 20.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 19.46 | 19.33 | 19.44 | 20.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 19.35 | 19.41 | 19.51 | 20.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 18.79 | 18.85 | 18.93 | 20.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 18.97 | 18.93 | 18.93 | 20.00 |
| 3GPP Rel 6 HSUPA Subtest-1 | 19.37 | 19.51 | 19.54 | 20.50 |
| 3GPP Rel 6 HSUPA Subtest-2 | 17.43 | 17.48 | 17.42 | 18.50 |
| 3GPP Rel 6 HSUPA Subtest-3 | 18.43 | 18.49 | 18.54 | 19.50 |
| 3GPP Rel 6 HSUPA Subtest-4 | 17.30 | 17.50 | 17.67 | 18.50 |
| 3GPP Rel 6 HSUPA Subtest-5 | 19.53 | 19.68 | 19.64 | 20.50 |



| Band 2 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 18700 | 18800 | 19100 | | | |
| Frequency (MHz) | | | | 20.72 | 20.84 | 21.04 | | | |
| 20 | QPSK | 1 | 0 | 20.72 | 20.84 | 21.04 | 22 | 0 | |
| 20 | QPSK | 1 | 49 | 20.98 | 21.09 | 20.92 | | | |
| 20 | QPSK | 1 | 99 | 20.89 | 20.99 | 20.87 | | | |
| 20 | QPSK | 50 | 0 | 21.02 | 21.05 | 20.98 | | | |
| 20 | QPSK | 50 | 24 | 20.99 | 21.01 | 20.83 | 22 | 0 | |
| 20 | QPSK | 50 | 50 | 20.93 | 20.96 | 20.88 | | | |
| 20 | QPSK | 100 | 0 | 20.87 | 21.03 | 20.87 | | | |
| 20 | 16QAM | 1 | 0 | 20.88 | 21.00 | 20.88 | 22 | 0 | |
| 20 | 16QAM | 1 | 49 | 20.91 | 20.90 | 20.51 | | | |
| 20 | 16QAM | 1 | 99 | 20.54 | 21.01 | 20.28 | | | |
| 20 | 16QAM | 50 | 0 | 20.91 | 21.02 | 20.85 | | | |
| 20 | 16QAM | 50 | 24 | 20.96 | 21.04 | 20.81 | 22 | 0 | |
| 20 | 16QAM | 50 | 50 | 20.91 | 21.00 | 20.87 | | | |
| 20 | 16QAM | 100 | 0 | 20.86 | 20.99 | 20.83 | | | |
| 20 | 64QAM | 1 | 0 | 20.90 | 21.05 | 20.84 | | | |
| 20 | 64QAM | 1 | 49 | 20.99 | 21.04 | 20.84 | 22 | 0 | |
| 20 | 64QAM | 1 | 99 | 20.83 | 21.05 | 20.85 | | | |
| 20 | 64QAM | 50 | 0 | 19.81 | 19.76 | 19.78 | | | |
| 20 | 64QAM | 50 | 24 | 19.71 | 19.90 | 19.75 | | | |
| 20 | 64QAM | 50 | 50 | 19.72 | 19.66 | 19.83 | 21 | 1 | |
| 20 | 64QAM | 100 | 0 | 19.86 | 19.80 | 19.85 | | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | | |
| 15 | QPSK | 1 | 0 | 20.68 | 20.90 | 20.94 | 22 | 0 | |
| 15 | QPSK | 1 | 37 | 20.95 | 21.04 | 20.89 | | | |
| 15 | QPSK | 1 | 74 | 20.81 | 20.92 | 20.80 | | | |
| 15 | QPSK | 36 | 0 | 20.93 | 20.97 | 20.89 | 22 | 0 | |
| 15 | QPSK | 36 | 20 | 20.92 | 20.95 | 20.75 | | | |
| 15 | QPSK | 36 | 39 | 20.88 | 20.86 | 20.78 | | | |
| 15 | QPSK | 75 | 0 | 20.77 | 20.98 | 20.78 | | | |
| 15 | 16QAM | 1 | 0 | 20.84 | 20.97 | 20.85 | | | |
| 15 | 16QAM | 1 | 37 | 20.83 | 20.87 | 20.43 | 22 | 0 | |
| 15 | 16QAM | 1 | 74 | 20.51 | 20.92 | 20.25 | | | |
| 15 | 16QAM | 36 | 0 | 20.81 | 20.95 | 20.78 | 22 | 0 | |
| 15 | 16QAM | 36 | 20 | 20.91 | 20.94 | 20.76 | | | |
| 15 | 16QAM | 36 | 39 | 20.83 | 20.96 | 20.79 | | | |
| 15 | 16QAM | 75 | 0 | 20.77 | 20.93 | 20.78 | | | |
| 15 | 64QAM | 1 | 0 | 20.86 | 20.97 | 20.81 | | | |
| 15 | 64QAM | 1 | 37 | 20.89 | 21.01 | 20.76 | 22 | 0 | |
| 15 | 64QAM | 1 | 74 | 20.76 | 21.00 | 20.79 | | | |
| 15 | 64QAM | 36 | 0 | 19.74 | 19.70 | 19.71 | | | |
| 15 | 64QAM | 36 | 20 | 19.65 | 19.85 | 19.71 | 21 | 1 | |
| 15 | 64QAM | 36 | 39 | 19.69 | 19.58 | 19.78 | | | |
| 15 | 64QAM | 75 | 0 | 19.81 | 19.72 | 19.78 | | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 1855 | 1890 | 1905 | | | |
| 10 | QPSK | 1 | 0 | 20.63 | 20.86 | 20.97 | 22 | 0 | |
| 10 | QPSK | 1 | 25 | 20.95 | 21.03 | 20.85 | | | |
| 10 | QPSK | 1 | 49 | 20.84 | 20.91 | 20.77 | | | |
| 10 | QPSK | 25 | 0 | 20.92 | 20.96 | 20.88 | 22 | 0 | |
| 10 | QPSK | 25 | 12 | 20.93 | 20.97 | 20.79 | | | |
| 10 | QPSK | 25 | 25 | 20.87 | 20.86 | 20.79 | | | |
| 10 | QPSK | 50 | 0 | 20.82 | 20.94 | 20.81 | 22 | 0 | |
| 10 | 16QAM | 1 | 0 | 20.78 | 20.95 | 20.82 | | | |
| 10 | 16QAM | 1 | 25 | 20.88 | 20.80 | 20.42 | 22 | 0 | |
| 10 | 16QAM | 1 | 49 | 20.50 | 20.91 | 20.22 | | | |
| 10 | 16QAM | 25 | 0 | 20.83 | 20.92 | 20.80 | | | |
| 10 | 16QAM | 25 | 12 | 20.86 | 20.99 | 20.76 | 22 | 0 | |
| 10 | 16QAM | 25 | 25 | 20.85 | 20.91 | 20.82 | | | |
| 10 | 16QAM | 50 | 0 | 20.79 | 20.90 | 20.79 | | | |
| 10 | 64QAM | 1 | 0 | 20.87 | 20.98 | 20.75 | 22 | 0 | |
| 10 | 64QAM | 1 | 25 | 20.90 | 21.00 | 20.80 | | | |
| 10 | 64QAM | 1 | 49 | 20.83 | 20.98 | 20.81 | | | |
| 10 | 64QAM | 25 | 0 | 19.78 | 19.72 | 19.70 | | | |
| 10 | 64QAM | 25 | 12 | 19.65 | 19.86 | 19.72 | 21 | 1 | |
| 10 | 64QAM | 25 | 25 | 19.64 | 19.60 | 19.79 | | | |
| 10 | 64QAM | 50 | 0 | 19.81 | 19.77 | 19.82 | | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | | |
| 5 | QPSK | 1 | 0 | 20.70 | 20.84 | 20.96 | 22 | 0 | |
| 5 | QPSK | 1 | 12 | 20.93 | 21.05 | 20.88 | | | |
| 5 | QPSK | 1 | 24 | 20.81 | 20.91 | 20.78 | | | |
| 5 | QPSK | 12 | 0 | 20.95 | 21.02 | 20.95 | 22 | 0 | |
| 5 | QPSK | 12 | 7 | 20.91 | 20.92 | 20.78 | | | |
| 5 | QPSK | 12 | 13 | 20.89 | 20.92 | 20.82 | | | |
| 5 | QPSK | 25 | 0 | 20.77 | 20.96 | 20.83 | | | |
| 5 | 16QAM | 1 | 0 | 20.81 | 20.92 | 20.78 | 22 | 0 | |
| 5 | 16QAM | 1 | 12 | 20.81 | 20.86 | 20.47 | | | |
| 5 | 16QAM | 1 | 24 | 20.46 | 20.97 | 20.24 | | | |
| 5 | 16QAM | 12 | 0 | 20.82 | 20.94 | 20.78 | 22 | 0 | |
| 5 | 16QAM | 12 | 7 | 20.89 | 20.94 | 20.73 | | | |
| 5 | 16QAM | 12 | 13 | 20.85 | 20.91 | 20.84 | | | |
| 5 | 16QAM | 25 | 0 | 20.78 | 20.90 | 20.76 | | | |
| 5 | 64QAM | 1 | 0 | 20.87 | 21.01 | 20.77 | 22 | 0 | |
| 5 | 64QAM | 1 | 12 | 20.95 | 20.98 | 20.78 | | | |
| 5 | 64QAM | 1 | 24 | 20.77 | 20.96 | 20.82 | | | |
| 5 | 64QAM | 12 | 0 | 19.74 | 19.66 | 19.72 | 21 | 1 | |
| 5 | 64QAM | 12 | 7 | 19.61 | 19.81 | 19.66 | | | |
| 5 | 64QAM | 12 | 13 | 19.66 | 19.62 | 19.75 | | | |
| 5 | 64QAM | 25 | 0 | 19.78 | 19.71 | 19.79 | | | |
| Channel | | | | 18615 | 18900 | 19195 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | | |
| 3 | QPSK | 1 | 0 | 20.70 | 20.89 | 20.99 | 22 | 0 | |
| 3 | QPSK | 1 | 8 | 20.96 | 21.07 | 20.86 | | | |
| 3 | QPSK | 1 | 14 | 20.80 | 20.92 | 20.81 | | | |
| 3 | QPSK | 8 | 0 | 20.94 | 20.95 | 20.95 | 22 | 0 | |
| 3 | QPSK | 8 | 4 | 20.90 | 20.91 | 20.80 | | | |
| 3 | QPSK | 8 | 7 | 20.80 | 20.93 | 20.81 | | | |
| 3 | QPSK | 15 | 0 | 20.84 | 20.97 | 20.80 | | | |
| 3 | 16QAM | 1 | 0 | 20.80 | 20.94 | 20.83 | 22 | 0 | |
| 3 | 16QAM | 1 | 8 | 20.84 | 20.87 | 20.46 | | | |
| 3 | 16QAM | 1 | 14 | 20.46 | 20.93 | 20.21 | | | |
| 3 | 16QAM | 8 | 0 | 20.81 | 20.94 | 20.81 | | | |
| 3 | 16QAM | 8 | 4 | 20.87 | 21.00 | 20.72 | 22 | 0 | |
| 3 | 16QAM | 8 | 7 | 20.88 | 20.94 | 20.79 | | | |
| 3 | 16QAM | 15 | 0 | 20.81 | 20.90 | 20.76 | | | |
| 3 | 64QAM | 1 | 0 | 20.82 | 20.98 | 20.80 | 22 | 0 | |
| 3 | 64QAM | 1 | 8 | 20.95 | 21.00 | 20.78 | | | |
| 3 | 64QAM | 1 | 14 | 20.83 | 20.95 | 20.80 | | | |
| 3 | 64QAM | 8 | 0 | 19.75 | 19.72 | 19.68 | | | |
| 3 | 64QAM | 8 | 4 | 19.68 | 19.81 | 19.71 | 21 | 1 | |
| 3 | 64QAM | 8 | 7 | 19.62 | 19.63 | 19.78 | | | |
| 3 | 64QAM | 15 | 0 | 19.78 | 19.70 | 19.79 | | | |
| Channel | | | | 18600 | 18900 | 19160 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | | |
| 1.4 | QPSK | 1 | 0 | 20.66 | 20.86 | 21.00 | 22 | 0 | |
| 1.4 | QPSK | 1 | 3 | 20.92 | 21.02 | 20.87 | | | |
| 1.4 | QPSK | 1 | 5 | 20.86 | 20.92 | 20.84 | | | |
| 1.4 | QPSK | 3 | 0 | 20.97 | 20.95 | 20.93 | 22 | 0 | |
| 1.4 | QPSK | 3 | 1 | 20.92 | 20.94 | 20.73 | | | |
| 1.4 | QPSK | 3 | 3 | 20.89 | 20.87 | 20.84 | | | |
| 1.4 | QPSK | 6 | 0 | 20.77 | 20.97 | 20.78 | 22 | 0 | |
| 1.4 | 16QAM | 1 | 0 | 20.83 | 20.95 | 20.85 | | | |
| 1.4 | 16QAM | 1 | 3 | 20.83 | 20.86 | 20.42 | 22 | 0 | |
| 1.4 | 16QAM | 1 | 5 | 20.44 | 20.94 | 20.18 | | | |
| 1.4 | 16QAM | 3 | 0 | 20.85 | 20.95 | 20.81 | | | |
| 1.4 | 16QAM | 3 | 1 | 20.91 | 20.96 | 20.78 | | | |
| 1.4 | 16QAM | 3 | 3 | 20.83 | 20.91 | 20.82 | | | |
| 1.4 | 16QAM | 6 | 0 | 20.82 | 20.90 | 20.79 | 22 | 0 | |
| 1.4 | 64QAM | 1 | 0 | 20.87 | 21.00 | 20.81 | | | |
| 1.4 | 64QAM | 1 | 3 | 20.92 | 20.99 | 20.75 | | | |
| 1.4 | 64QAM | 1 | 5 | 20.80 | 21.01 | 20.79 | 22 | 0 | |
| 1.4 | 64QAM | 3 | 0 | 20.80 | 21.02 | 20.80 | | | |
| 1.4 | 64QAM | 3 | 1 | 20.90 | 21.01 | 20.73 | | | |
| 1.4 | 64QAM | 3 | 3 | 20.80 | 21.05 | 20.83 | | | |
| 1.4 | 64QAM | 6 | 0 | 19.83 | 19.71 | 19.80 | 21 | 1 | |

| Band 7 | | | | | | | | | |
|----------|------------|---------|-----------|-----------------------|--------------------------|--|--|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | | | | |



Band 41

| 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. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|-------------------------------|------------------------|------------------------|---------------------|----------|
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2505 | 2549.5 | 2593 | 2638.5 | 2683 | | |
| 20 | QPSK | 1 | 0 | 21.98 | 22.25 | 22.13 | 21.93 | 21.89 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.40 | 22.62 | 22.33 | 22.41 | 22.52 | | |
| 20 | QPSK | 1 | 99 | 22.05 | 22.53 | 22.19 | 22.39 | 21.99 | 22.5 | 1 |
| 20 | QPSK | 50 | 0 | 22.01 | 22.09 | 22.02 | 21.96 | 21.92 | | |
| 20 | QPSK | 50 | 24 | 22.01 | 22.15 | 21.96 | 21.90 | 21.87 | 22.5 | 1 |
| 20 | QPSK | 50 | 50 | 21.99 | 21.99 | 21.99 | 21.93 | 21.89 | | |
| 20 | QPSK | 100 | 0 | 21.86 | 22.04 | 21.81 | 21.85 | 21.89 | 22.5 | 1 |
| 20 | 16QAM | 1 | 0 | 21.05 | 21.39 | 21.27 | 21.39 | 21.30 | | |
| 20 | 16QAM | 1 | 49 | 21.70 | 21.95 | 21.62 | 21.51 | 21.56 | 22.5 | 1 |
| 20 | 16QAM | 1 | 99 | 21.49 | 21.73 | 21.76 | 21.13 | 21.03 | | |
| 20 | 16QAM | 50 | 0 | 20.84 | 21.01 | 20.87 | 20.69 | 20.92 | 21.5 | 2 |
| 20 | 16QAM | 50 | 24 | 20.83 | 21.02 | 21.00 | 20.74 | 20.62 | | |
| 20 | 16QAM | 50 | 50 | 20.83 | 21.03 | 21.02 | 20.57 | 21.02 | 21.5 | 2 |
| 20 | 16QAM | 100 | 0 | 20.68 | 20.94 | 21.06 | 20.81 | 20.90 | | |
| 20 | 64QAM | 1 | 0 | 19.91 | 19.72 | 19.97 | 20.04 | 19.66 | 21.5 | 2 |
| 20 | 64QAM | 1 | 49 | 19.74 | 20.09 | 20.11 | 20.06 | 19.71 | | |
| 20 | 64QAM | 1 | 99 | 19.83 | 20.09 | 19.65 | 19.73 | 19.51 | 20.5 | 3 |
| 20 | 64QAM | 50 | 0 | 19.11 | 19.33 | 19.57 | 19.27 | 19.57 | | |
| 20 | 64QAM | 50 | 24 | 19.29 | 19.30 | 19.51 | 19.47 | 19.15 | 20.5 | 3 |
| 20 | 64QAM | 50 | 50 | 19.41 | 19.68 | 19.47 | 19.43 | 19.43 | | |
| 20 | 64QAM | 100 | 0 | 19.30 | 19.60 | 19.75 | 19.45 | 19.44 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41088 | 41515 | | |
| Frequency (MHz) | | | | 2593.5 | 2648.3 | 2693 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 21.90 | 22.06 | 22.36 | 22.15 | 22.04 | 23.50 | 0 |
| 15 | QPSK | 1 | 37 | 22.14 | 22.44 | 22.57 | 22.39 | 22.24 | | |
| 15 | QPSK | 1 | 74 | 22.21 | 22.23 | 22.24 | 22.14 | 21.99 | 22.5 | 1 |
| 15 | QPSK | 36 | 0 | 21.82 | 21.84 | 22.07 | 22.02 | 21.83 | | |
| 15 | QPSK | 36 | 20 | 21.73 | 22.06 | 21.95 | 21.93 | 21.98 | 22.5 | 1 |
| 15 | QPSK | 36 | 39 | 21.70 | 21.74 | 22.00 | 21.81 | 21.67 | | |
| 15 | QPSK | 75 | 0 | 21.65 | 22.07 | 21.79 | 21.80 | 21.56 | 22.5 | 1 |
| 15 | 16QAM | 1 | 0 | 21.10 | 21.61 | 21.77 | 21.56 | 21.49 | | |
| 15 | 16QAM | 1 | 37 | 21.72 | 21.86 | 21.44 | 21.51 | 21.64 | 21.5 | 2 |
| 15 | 16QAM | 1 | 74 | 21.49 | 21.52 | 21.79 | 21.24 | 21.16 | | |
| 15 | 16QAM | 36 | 0 | 20.82 | 20.88 | 20.88 | 20.79 | 20.60 | 21.5 | 2 |
| 15 | 16QAM | 36 | 20 | 20.70 | 21.01 | 20.92 | 20.82 | 20.74 | | |
| 15 | 16QAM | 36 | 39 | 20.62 | 20.70 | 20.99 | 20.88 | 20.95 | 21.5 | 2 |
| 15 | 16QAM | 75 | 0 | 20.71 | 20.80 | 21.00 | 20.72 | 20.78 | | |
| 15 | 64QAM | 1 | 0 | 19.76 | 19.87 | 19.68 | 19.66 | 19.81 | 21.5 | 2 |
| 15 | 64QAM | 1 | 37 | 20.02 | 20.10 | 20.19 | 19.87 | 20.02 | | |
| 15 | 64QAM | 1 | 74 | 19.91 | 20.21 | 19.67 | 19.59 | 19.83 | 20.5 | 3 |
| 15 | 64QAM | 36 | 0 | 19.11 | 19.42 | 19.43 | 19.22 | 19.35 | | |
| 15 | 64QAM | 36 | 20 | 19.13 | 19.54 | 19.66 | 19.39 | 19.26 | 20.5 | 3 |
| 15 | 64QAM | 36 | 39 | 19.28 | 19.27 | 19.67 | 19.15 | 19.44 | | |
| 15 | 64QAM | 75 | 0 | 19.16 | 19.44 | 19.69 | 19.37 | 19.58 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | | |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 21.94 | 21.93 | 22.24 | 21.99 | 21.96 | 23.50 | 0 |
| 10 | QPSK | 1 | 25 | 22.20 | 22.37 | 22.34 | 22.44 | 22.33 | | |
| 10 | QPSK | 1 | 49 | 22.24 | 22.24 | 22.45 | 22.16 | 21.95 | 22.5 | 1 |
| 10 | QPSK | 25 | 0 | 21.87 | 21.94 | 21.74 | 21.78 | 21.88 | | |
| 10 | QPSK | 25 | 12 | 21.83 | 22.01 | 22.05 | 21.66 | 21.94 | 22.5 | 1 |
| 10 | QPSK | 25 | 25 | 21.66 | 21.79 | 21.88 | 21.90 | 21.93 | | |
| 10 | QPSK | 50 | 0 | 21.50 | 21.97 | 21.76 | 21.80 | 21.72 | 22.5 | 1 |
| 10 | 16QAM | 1 | 0 | 21.24 | 21.38 | 21.61 | 21.12 | 21.41 | | |
| 10 | 16QAM | 1 | 25 | 21.70 | 21.84 | 21.76 | 21.51 | 21.62 | 21.5 | 2 |
| 10 | 16QAM | 1 | 49 | 21.54 | 21.63 | 21.82 | 21.45 | 21.16 | | |
| 10 | 16QAM | 25 | 0 | 20.91 | 20.71 | 20.99 | 20.80 | 20.66 | 21.5 | 2 |
| 10 | 16QAM | 25 | 12 | 20.75 | 20.88 | 21.00 | 20.84 | 20.87 | | |
| 10 | 16QAM | 25 | 25 | 20.56 | 21.00 | 20.84 | 20.70 | 20.90 | 21.5 | 2 |
| 10 | 16QAM | 50 | 0 | 20.51 | 20.77 | 21.14 | 20.90 | 20.64 | | |
| 10 | 64QAM | 1 | 0 | 19.69 | 19.91 | 19.97 | 19.72 | 19.93 | 21.5 | 2 |
| 10 | 64QAM | 1 | 25 | 19.97 | 19.88 | 20.27 | 19.83 | 19.99 | | |
| 10 | 64QAM | 1 | 49 | 20.07 | 20.09 | 19.88 | 19.58 | 19.75 | 20.5 | 3 |
| 10 | 64QAM | 25 | 0 | 19.07 | 19.39 | 19.68 | 19.39 | 19.45 | | |
| 10 | 64QAM | 25 | 12 | 19.17 | 19.50 | 19.64 | 19.32 | 19.22 | 20.5 | 3 |
| 10 | 64QAM | 25 | 25 | 19.26 | 19.24 | 19.32 | 19.40 | 19.33 | | |
| 10 | 64QAM | 50 | 0 | 19.40 | 19.53 | 19.57 | 19.56 | 19.61 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41555 | | |
| Frequency (MHz) | | | | 2483.5 | 2546.3 | 2593 | 2648.3 | 2697.5 | | |
| 5 | QPSK | 1 | 0 | 21.77 | 22.25 | 22.25 | 21.88 | 21.83 | 23.50 | 0 |
| 5 | QPSK | 1 | 12 | 22.20 | 22.38 | 22.28 | 22.25 | 22.12 | | |
| 5 | QPSK | 1 | 24 | 22.45 | 22.50 | 22.24 | 22.36 | 21.97 | 22.5 | 1 |
| 5 | QPSK | 12 | 0 | 21.75 | 22.10 | 21.99 | 21.65 | 21.70 | | |
| 5 | QPSK | 12 | 7 | 21.68 | 21.95 | 21.70 | 21.67 | 21.66 | 22.5 | 1 |
| 5 | QPSK | 12 | 13 | 21.83 | 21.79 | 21.69 | 21.90 | 21.91 | | |
| 5 | QPSK | 25 | 0 | 21.86 | 21.88 | 21.81 | 21.92 | 21.84 | 22.5 | 1 |
| 5 | 16QAM | 1 | 0 | 20.93 | 21.12 | 21.38 | 21.20 | 21.31 | | |
| 5 | 16QAM | 1 | 12 | 21.79 | 21.93 | 21.74 | 21.72 | 21.57 | 22.5 | 1 |
| 5 | 16QAM | 1 | 24 | 21.57 | 21.54 | 21.82 | 21.43 | 21.10 | | |
| 5 | 16QAM | 12 | 0 | 20.57 | 20.92 | 21.16 | 20.64 | 20.88 | 21.5 | 2 |
| 5 | 16QAM | 12 | 7 | 20.49 | 20.89 | 21.01 | 20.90 | 20.89 | | |
| 5 | 16QAM | 12 | 13 | 20.90 | 20.77 | 20.88 | 20.58 | 20.75 | 21.5 | 2 |
| 5 | 16QAM | 25 | 0 | 20.70 | 20.74 | 20.87 | 20.54 | 20.89 | | |
| 5 | 64QAM | 1 | 0 | 19.63 | 19.67 | 19.82 | 20.04 | 19.98 | 21.5 | 2 |
| 5 | 64QAM | 1 | 12 | 20.07 | 19.88 | 20.31 | 19.86 | 19.94 | | |
| 5 | 64QAM | 1 | 24 | 20.03 | 20.27 | 19.92 | 19.75 | 19.57 | 20.5 | 3 |
| 5 | 64QAM | 12 | 0 | 19.11 | 19.23 | 19.63 | 19.51 | 19.63 | | |
| 5 | 64QAM | 12 | 7 | 19.42 | 19.32 | 19.50 | 19.41 | 19.12 | 20.5 | 3 |
| 5 | 64QAM | 12 | 13 | 19.26 | 19.38 | 19.37 | 19.18 | 19.64 | | |
| 5 | 64QAM | 25 | 0 | 19.24 | 19.35 | 19.57 | 19.37 | 19.43 | | |



Full Power Mode

| 2.4GHz WLAN | | | | | Ant 3 | |
|-------------------|---------|-----------------|---------------------|---------------|--------------|--|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | |
| 802.11b 1Mbps | 1 | 2412 | 19.04 | 21.00 | 98.61 | |
| | 6 | 2437 | 19.14 | 21.00 | | |
| | 11 | 2462 | 19.01 | 21.00 | | |
| 802.11g 6Mbps | 1 | 2412 | 17.06 | 19.00 | 98.26 | |
| | 6 | 2437 | 19.26 | 21.00 | | |
| | 11 | 2462 | 16.67 | 18.50 | | |
| 802.11n-HT20 MCS0 | 1 | 2412 | 15.77 | 17.50 | 98.14 | |
| | 2 | 2417 | 18.47 | 20.00 | | |
| | 6 | 2437 | 19.09 | 20.50 | | |
| | 10 | 2457 | 17.89 | 19.50 | | |
| | 11 | 2462 | 15.54 | 17.00 | | |
| 802.11n-HT40 MCS0 | 3 | 2422 | 13.95 | 15.50 | 94.89 | |
| | 4 | 2427 | 14.58 | 16.00 | | |
| | 5 | 2432 | 16.00 | 17.50 | | |
| | 6 | 2437 | 17.50 | 19.00 | | |
| | 7 | 2442 | 17.54 | 19.00 | | |
| | 8 | 2447 | 15.53 | 17.00 | | |
| | 9 | 2452 | 13.22 | 15.00 | | |

| 5.2GHz WLAN | | | | | Ant 3 | |
|---------------------|---------|-----------------|---------------------|---------------|--------------|--|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | |
| 802.11a 6Mbps | 36 | 5180 | 16.01 | 18.00 | 98.26 | |
| | 40 | 5200 | 16.00 | 19.50 | | |
| | 44 | 5220 | 18.29 | 19.50 | | |
| | 48 | 5240 | 18.20 | 19.50 | | |
| 802.11n-HT20 MCS0 | 36 | 5180 | 16.49 | 18.00 | 98.14 | |
| | 40 | 5200 | 17.97 | 19.50 | | |
| | 44 | 5220 | 18.25 | 19.50 | | |
| | 48 | 5240 | 18.04 | 19.50 | | |
| 802.11n-HT40 MCS0 | 38 | 5190 | 13.29 | 15.00 | 96.30 | |
| | 46 | 5230 | 17.90 | 19.50 | | |
| | 36 | 5180 | 16.53 | 18.00 | | |
| 802.11ac-VHT20 MCS0 | 40 | 5200 | 17.93 | 19.50 | 98.15 | |
| | 44 | 5220 | 18.28 | 19.50 | | |
| | 48 | 5240 | 18.14 | 19.50 | | |
| 802.11ac-VHT40 MCS0 | 38 | 5190 | 13.33 | 15.00 | 96.30 | |
| | 46 | 5230 | 18.07 | 19.50 | | |
| 802.11ac-VHT80 MCS0 | 42 | 5210 | 11.11 | 13.00 | 92.71 | |

| 5.3GHz WLAN | | | | | Ant 3 | |
|---------------------|---------|-----------------|---------------------|---------------|--------------|--|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | |
| 802.11a 6Mbps | 52 | 5280 | 18.39 | 19.50 | 98.26 | |
| | 56 | 5280 | 18.48 | 19.50 | | |
| | 60 | 5300 | 18.54 | 19.50 | | |
| | 64 | 5320 | 18.34 | 19.50 | | |
| 802.11n-HT20 MCS0 | 52 | 5260 | 18.39 | 19.50 | 98.14 | |
| | 56 | 5280 | 18.32 | 19.50 | | |
| | 60 | 5300 | 18.38 | 19.50 | | |
| | 64 | 5320 | 18.33 | 19.50 | | |
| 802.11n-HT40 MCS0 | 54 | 5270 | 18.18 | 19.50 | 96.30 | |
| | 62 | 5310 | 14.34 | 16.00 | | |
| | 52 | 5260 | 18.43 | 19.50 | | |
| 802.11ac-VHT20 MCS0 | 56 | 5280 | 18.38 | 19.50 | 98.15 | |
| | 60 | 5300 | 18.52 | 19.50 | | |
| | 64 | 5320 | 18.28 | 19.50 | | |
| | 54 | 5270 | 18.27 | 19.50 | | |
| 802.11ac-VHT40 MCS0 | 62 | 5310 | 14.45 | 16.00 | 96.30 | |
| | 58 | 5290 | 11.95 | 13.50 | | |
| 802.11ac-VHT80 MCS0 | 58 | 5290 | 11.95 | 13.50 | 92.71 | |

| 5.5GHz WLAN | | | | | Ant 3 | |
|---------------------|---------|-----------------|---------------------|---------------|--------------|--|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | |
| 802.11a 6Mbps | 100 | 5500 | 18.22 | 19.50 | 98.26 | |
| | 116 | 5580 | 18.23 | 19.50 | | |
| | 124 | 5620 | 17.94 | 19.50 | | |
| | 132 | 5660 | 17.98 | 19.50 | | |
| | 140 | 5700 | 16.85 | 18.50 | | |
| | 144 | 5720 | 18.02 | 19.50 | | |
| | 100 | 5500 | 18.10 | 19.50 | | |
| 802.11n-HT20 MCS0 | 116 | 5580 | 18.01 | 19.50 | 98.14 | |
| | 124 | 5620 | 17.80 | 19.50 | | |
| | 132 | 5660 | 17.84 | 19.50 | | |
| | 140 | 5700 | 17.73 | 19.50 | | |
| | 144 | 5720 | 17.79 | 19.50 | | |
| | 102 | 5510 | 15.15 | 17.00 | | |
| | 110 | 5550 | 17.79 | 19.50 | | |
| 802.11n-HT40 MCS0 | 126 | 5630 | 17.76 | 19.50 | 96.30 | |
| | 134 | 5670 | 16.77 | 18.50 | | |
| | 142 | 5710 | 17.71 | 19.50 | | |
| | 100 | 5500 | 18.11 | 19.50 | | |
| | 116 | 5580 | 18.02 | 19.50 | | |
| 802.11ac-VHT20 MCS0 | 124 | 5620 | 17.86 | 19.50 | 98.15 | |
| | 132 | 5660 | 17.89 | 19.50 | | |
| | 140 | 5700 | 17.84 | 19.50 | | |
| | 144 | 5720 | 17.82 | 19.50 | | |
| | 102 | 5510 | 15.24 | 17.00 | | |
| 802.11ac-VHT40 MCS0 | 110 | 5550 | 17.92 | 19.50 | 96.30 | |
| | 126 | 5630 | 17.81 | 19.50 | | |
| | 134 | 5670 | 16.81 | 18.50 | | |
| | 142 | 5710 | 17.77 | 19.50 | | |
| | 106 | 5530 | 12.52 | 14.50 | | |
| 802.11ac-VHT80 MCS0 | 122 | 5610 | 17.76 | 19.50 | 92.71 | |
| | 138 | 5690 | 17.60 | 19.50 | | |
| | 106 | 5530 | 12.52 | 14.50 | | |

| 5.8GHz WLAN | | | | | Ant 3 | |
|---------------------|---------|-----------------|---------------------|---------------|--------------|--|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | |
| 802.11a 6Mbps | 149 | 5745 | 17.91 | 19.50 | 98.26 | |
| | 157 | 5785 | 18.09 | 19.50 | | |
| | 165 | 5825 | 18.10 | 19.50 | | |
| 802.11n-HT20 MCS0 | 149 | 5745 | 17.83 | 19.50 | 98.14 | |
| | 157 | 5785 | 17.84 | 19.50 | | |
| | 165 | 5825 | 17.95 | 19.50 | | |
| 802.11n-HT40 MCS0 | 151 | 5755 | 17.62 | 19.50 | 96.30 | |
| | 159 | 5795 | 17.67 | 19.50 | | |
| 802.11ac-VHT20 MCS0 | 149 | 5745 | 17.91 | 19.50 | 98.15 | |
| | 157 | 5785 | 17.94 | 19.50 | | |
| | 165 | 5825 | 17.99 | 19.50 | | |
| 802.11ac-VHT40 MCS0 | 151 | 5755 | 17.77 | 19.50 | 96.30 | |
| | 159 | 5795 | 17.73 | 19.50 | | |
| 802.11ac-VHT80 MCS0 | 155 | 5775 | 17.81 | 19.50 | 92.71 | |



Reduced Power Mode for Receiver on

| 5.2GHz WLAN | | | | | Ant 3 | |
|---------------------|---------|-----------------|---------------------|---------------|--------------|--|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | |
| 802.11a 6Mbps | 36 | 5180 | 16.01 | 18.00 | 98.26 | |
| | 40 | 5200 | 17.09 | 18.50 | | |
| | 44 | 5220 | 17.23 | 18.50 | | |
| | 48 | 5240 | 17.20 | 18.50 | | |
| 802.11n-HT20 MCS0 | 36 | 5180 | 16.49 | 18.00 | 98.14 | |
| | 40 | 5200 | 17.05 | 18.50 | | |
| | 44 | 5220 | 17.21 | 18.50 | | |
| | 48 | 5240 | 17.04 | 18.50 | | |
| 802.11n-HT40 MCS0 | 38 | 5190 | 13.29 | 15.00 | 96.30 | |
| | 46 | 5230 | 16.90 | 18.50 | | |
| | 36 | 5180 | 16.53 | 18.00 | | |
| 802.11ac-VHT20 MCS0 | 40 | 5200 | 16.96 | 18.50 | 98.15 | |
| | 44 | 5220 | 17.21 | 18.50 | | |
| | 48 | 5240 | 17.19 | 18.50 | | |
| | 38 | 5190 | 13.33 | 15.00 | | |
| 802.11ac-VHT40 MCS0 | 46 | 5230 | 17.07 | 18.50 | 96.30 | |
| 802.11ac-VHT80 MCS0 | 42 | 5210 | 11.11 | 13.00 | 92.71 | |

| 5.3GHz WLAN | | | | | Ant 3 | |
|---------------------|---------|-----------------|---------------------|---------------|--------------|--|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | |
| 802.11a 6Mbps | 52 | 5260 | 17.39 | 18.50 | 98.26 | |
| | 56 | 5280 | 17.36 | 18.50 | | |
| | 60 | 5300 | 17.42 | 18.50 | | |
| | 64 | 5320 | 17.34 | 18.50 | | |
| 802.11n-HT20 MCS0 | 52 | 5260 | 17.39 | 18.50 | 98.14 | |
| | 56 | 5280 | 17.32 | 18.50 | | |
| | 60 | 5300 | 17.38 | 18.50 | | |
| | 64 | 5320 | 17.33 | 18.50 | | |
| 802.11n-HT40 MCS0 | 54 | 5270 | 17.33 | 18.50 | 96.30 | |
| | 62 | 5310 | 14.34 | 16.00 | | |
| | 52 | 5260 | 17.31 | 18.50 | | |
| 802.11ac-VHT20 MCS0 | 56 | 5280 | 17.38 | 18.50 | 98.15 | |
| | 60 | 5300 | 17.35 | 18.50 | | |
| | 64 | 5320 | 17.16 | 18.50 | | |
| | 54 | 5270 | 17.21 | 18.50 | | |
| 802.11ac-VHT40 MCS0 | 62 | 5310 | 14.45 | 16.00 | 96.30 | |
| 802.11ac-VHT80 MCS0 | 58 | 5290 | 11.95 | 13.50 | 92.71 | |

| 5.5GHz WLAN | | | | | Ant 3 | |
|---------------------|---------|-----------------|---------------------|---------------|--------------|--|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | |
| 802.11a 6Mbps | 100 | 5500 | 14.10 | 15.50 | 98.26 | |
| | 116 | 5580 | 14.13 | 15.50 | | |
| | 124 | 5620 | 13.94 | 15.50 | | |
| | 132 | 5660 | 13.98 | 15.50 | | |
| | 140 | 5700 | 13.85 | 15.50 | | |
| | 144 | 5720 | 14.02 | 15.50 | | |
| | 100 | 5500 | 14.10 | 15.50 | | |
| 802.11n-HT20 MCS0 | 116 | 5580 | 14.01 | 15.50 | 98.14 | |
| | 124 | 5620 | 13.80 | 15.50 | | |
| | 132 | 5660 | 13.84 | 15.50 | | |
| | 140 | 5700 | 13.73 | 15.50 | | |
| | 144 | 5720 | 13.79 | 15.50 | | |
| | 102 | 5510 | 13.81 | 15.50 | | |
| | 110 | 5550 | 13.95 | 15.50 | | |
| 802.11n-HT40 MCS0 | 126 | 5630 | 13.84 | 15.50 | 96.30 | |
| | 134 | 5670 | 13.77 | 15.50 | | |
| | 142 | 5710 | 13.71 | 15.50 | | |
| | 100 | 5500 | 14.01 | 15.50 | | |
| | 116 | 5580 | 14.02 | 15.50 | | |
| 802.11ac-VHT20 MCS0 | 124 | 5620 | 13.86 | 15.50 | 98.15 | |
| | 132 | 5660 | 13.89 | 15.50 | | |
| | 140 | 5700 | 13.84 | 15.50 | | |
| | 144 | 5720 | 13.82 | 15.50 | | |
| | 102 | 5510 | 13.82 | 15.50 | | |
| | 110 | 5550 | 13.92 | 15.50 | | |
| 802.11ac-VHT40 MCS0 | 126 | 5630 | 13.81 | 15.50 | 96.30 | |
| | 134 | 5670 | 13.89 | 15.50 | | |
| | 142 | 5710 | 13.77 | 15.50 | | |
| | 106 | 5530 | 12.52 | 14.50 | | |
| | 122 | 5610 | 13.76 | 15.50 | | |
| 802.11ac-VHT80 MCS0 | 138 | 5690 | 13.60 | 15.50 | 92.71 | |

| 5.8GHz WLAN | | | | | Ant 3 | |
|---------------------|---------|-----------------|---------------------|---------------|--------------|--|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | |
| 802.11a 6Mbps | 149 | 5745 | 14.89 | 16.50 | 98.26 | |
| | 157 | 5785 | 15.06 | 16.50 | | |
| | 165 | 5825 | 15.09 | 16.50 | | |
| 802.11n-HT20 MCS0 | 149 | 5745 | 14.74 | 16.50 | 98.14 | |
| | 157 | 5785 | 14.94 | 16.50 | | |
| | 165 | 5825 | 14.95 | 16.50 | | |
| 802.11n-HT40 MCS0 | 151 | 5755 | 14.62 | 16.50 | 96.30 | |
| | 159 | 5795 | 14.67 | 16.50 | | |
| | 149 | 5745 | 14.98 | 16.50 | | |
| 802.11ac-VHT20 MCS0 | 157 | 5785 | 14.96 | 16.50 | 98.15 | |
| | 165 | 5825 | 14.94 | 16.50 | | |
| | 151 | 5755 | 14.77 | 16.50 | | |
| 802.11ac-VHT40 MCS0 | 159 | 5795 | 14.63 | 16.50 | 96.30 | |
| 802.11ac-VHT80 MCS0 | 155 | 5775 | 14.78 | 16.50 | 92.71 | |



Reduced Power Mode for Hotspot on

| 5.2GHz WLAN | | | | Ant 3 | | |
|-------------------------|---------|-----------------|---------------------|---------------|--------------|--|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | |
| 802.11a 6Mbps | 36 | 5180 | 16.01 | 18.00 | 98.26 | |
| | 40 | 5200 | 17.00 | 18.50 | | |
| | 44 | 5220 | 17.25 | 18.50 | | |
| | 48 | 5240 | 17.18 | 18.50 | | |
| 802.11n-HT20 MCS0 | 36 | 5180 | 16.49 | 18.00 | 98.14 | |
| | 40 | 5200 | 16.97 | 18.50 | | |
| | 44 | 5220 | 17.23 | 18.50 | | |
| | 48 | 5240 | 16.96 | 18.50 | | |
| 802.11n-HT40 MCS0 | 38 | 5190 | 13.29 | 15.00 | 96.30 | |
| | 46 | 5230 | 16.90 | 18.50 | | |
| 802.11ac- VHT20 MCS0 | 36 | 5180 | 16.53 | 18.00 | 98.15 | |
| | 40 | 5200 | 16.91 | 18.50 | | |
| | 44 | 5220 | 17.23 | 18.50 | | |
| | 48 | 5240 | 17.14 | 18.50 | | |
| 802.11ac- VHT40 MCS0 | 38 | 5190 | 13.33 | 15.00 | 96.30 | |
| | 46 | 5230 | 17.02 | 18.50 | | |
| 802.11ac- VHT80 MCS0 | 42 | 5210 | 11.11 | 13.00 | 92.71 | |

| 5.8GHz WLAN | | | | Ant 3 | | |
|-------------------------|---------|-----------------|---------------------|---------------|--------------|--|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | |
| 802.11a 6Mbps | 149 | 5745 | 15.50 | 17.00 | 98.26 | |
| | 157 | 5785 | 15.48 | 17.00 | | |
| | 165 | 5825 | 15.54 | 17.00 | | |
| 802.11n-HT20 MCS0 | 149 | 5745 | 15.33 | 17.00 | 98.14 | |
| | 157 | 5785 | 15.32 | 17.00 | | |
| | 165 | 5825 | 15.29 | 17.00 | | |
| 802.11n-HT40 MCS0 | 151 | 5755 | 15.12 | 17.00 | 96.30 | |
| | 159 | 5795 | 15.16 | 17.00 | | |
| 802.11ac- VHT20 MCS0 | 149 | 5745 | 15.37 | 17.00 | 98.15 | |
| | 157 | 5785 | 15.51 | 17.00 | | |
| | 165 | 5825 | 15.53 | 17.00 | | |
| 802.11ac- VHT40 MCS0 | 151 | 5755 | 15.27 | 17.00 | 96.30 | |
| | 159 | 5795 | 15.23 | 17.00 | | |
| 802.11ac- VHT80 MCS0 | 155 | 5775 | 15.33 | 17.00 | 92.71 | |



BT BR/EDR

| Mode | Channel | Frequency (MHz) | Average power (dBm) | | | | | | | | | Tune-up Limit |
|-----------|---------|-----------------|---------------------|-------|-------|-------|------|------|-------|------|------|---------------|
| | | | Packet Type | | | | | | | | | |
| | | | DH1 | DH3 | DH5 | 2DH1 | 2DH3 | 2DH5 | 3DH1 | 3DH3 | 3DH5 | |
| Bluetooth | CH 0 | 2402 | 11.61 | 11.91 | 12.28 | 9.62 | 9.15 | 9.09 | 9.28 | 8.99 | 8.95 | 13.5 |
| | CH 39 | 2441 | 12.42 | 12.86 | 12.90 | 10.33 | 9.88 | 9.64 | 10.36 | 9.92 | 9.62 | |
| | CH 78 | 2480 | 11.47 | 11.71 | 11.85 | 9.53 | 8.72 | 8.67 | 9.48 | 8.74 | 8.57 | |

BLE

| Mode | Channel | Frequency (MHz) | Average power (dBm) |
|---------------|---------|-----------------|---------------------|
| | | | GFSK |
| LE | CH 00 | 2402 | 6.79 |
| | CH 19 | 2440 | 7.04 |
| | CH 39 | 2480 | 6.77 |
| Tune-up Limit | | | 8.5 |