

## Full &amp; Default Power

| GSM850_Ant 0    | Burst Average Power (dBm) |       |       | Tune-up | Frame-Average Power (dBm) |       |       | Tune-up |
|-----------------|---------------------------|-------|-------|---------|---------------------------|-------|-------|---------|
| TX Channel      | 128                       | 189   | 251   | Limit   | 128                       | 189   | 251   | Limit   |
| Frequency (MHz) | 824.2                     | 836.4 | 848.6 | (dBm)   | 824.2                     | 836.4 | 848.6 | (dBm)   |
| GSM 1 Tx slot   | 33.14                     | 33.36 | 33.27 | 34.00   | 24.14                     | 24.36 | 24.27 | 24.00   |
| GPRS 1 Tx slot  | 33.12                     | 33.36 | 33.22 | 34.00   | 24.12                     | 24.36 | 24.22 | 24.00   |
| GPRS 2 Tx slots | 32.00                     | 32.27 | 32.11 | 33.00   | 26.00                     | 26.27 | 26.11 | 27.00   |
| GPRS 3 Tx slots | 29.66                     | 29.90 | 29.80 | 31.00   | 25.40                     | 25.67 | 25.54 | 26.74   |
| GPRS 4 Tx slots | 28.35                     | 28.61 | 28.53 | 29.50   | 25.35                     | 25.61 | 25.53 | 26.50   |
| EDGE 1 Tx slot  | 26.70                     | 26.71 | 26.65 | 27.80   | 17.70                     | 17.71 | 17.65 | 18.00   |
| EDGE 2 Tx slots | 25.10                     | 25.13 | 25.56 | 26.50   | 18.10                     | 18.13 | 18.56 | 20.00   |
| EDGE 3 Tx slots | 22.61                     | 22.64 | 22.74 | 24.00   | 18.35                     | 18.38 | 18.48 | 19.74   |
| EDGE 4 Tx slots | 21.41                     | 21.55 | 21.25 | 23.00   | 18.41                     | 18.55 | 18.25 | 20.00   |

| GSM1900_Ant 3   | Burst Average Power (dBm) |       |        | Tune-up | Frame-Average Power (dBm) |       |        | Tune-up |
|-----------------|---------------------------|-------|--------|---------|---------------------------|-------|--------|---------|
| TX Channel      | 512                       | 661   | 810    | Limit   | 512                       | 661   | 810    | Limit   |
| Frequency (MHz) | 1850.2                    | 1860  | 1909.8 | (dBm)   | 1850.2                    | 1860  | 1909.8 | (dBm)   |
| GSM 1 Tx slot   | 30.16                     | 30.35 | 29.97  | 31.00   | 21.16                     | 21.35 | 20.97  | 22.00   |
| GPRS 1 Tx slot  | 30.21                     | 30.35 | 29.91  | 31.00   | 21.21                     | 21.35 | 20.91  | 22.00   |
| GPRS 2 Tx slots | 28.61                     | 29.26 | 28.74  | 30.00   | 22.61                     | 23.26 | 22.74  | 24.00   |
| GPRS 3 Tx slots | 26.27                     | 26.67 | 26.03  | 27.00   | 22.01                     | 22.41 | 21.77  | 23.00   |
| GPRS 4 Tx slots | 24.91                     | 25.44 | 24.74  | 26.00   | 21.91                     | 22.44 | 21.74  | 23.00   |
| EDGE 1 Tx slot  | 26.61                     | 26.57 | 26.40  | 28.00   | 17.61                     | 17.57 | 17.40  | 18.00   |
| EDGE 2 Tx slots | 25.17                     | 25.39 | 25.07  | 26.50   | 19.17                     | 19.39 | 19.07  | 20.00   |
| EDGE 3 Tx slots | 23.30                     | 23.39 | 23.21  | 24.50   | 19.04                     | 19.13 | 18.95  | 20.50   |
| EDGE 4 Tx slots | 21.98                     | 22.06 | 21.77  | 23.50   | 18.98                     | 19.06 | 18.77  | 20.50   |

| Band            |                         | WCDMA I_Ant 3 |       |        | Tune-up<br>Limit<br>(dBm) | WCDMA IV_Ant 3 |        |        | Tune-up<br>Limit<br>(dBm) | WCDMA V_Ant 0 |       |       | Tune-up<br>Limit<br>(dBm) |
|-----------------|-------------------------|---------------|-------|--------|---------------------------|----------------|--------|--------|---------------------------|---------------|-------|-------|---------------------------|
| TX Channel      |                         | 5262          | 5490  | 9538   |                           | 1312           | 1413   | 1513   |                           | 4132          | 4182  | 4233  |                           |
| Rx Channel      |                         | 5662          | 5690  | 5938   |                           | 1637           | 1638   | 1738   |                           | 4357          | 4407  | 4458  |                           |
| Frequency (MHz) |                         | 1852.4        | 1860  | 1907.6 |                           | 1712.4         | 1732.6 | 1752.8 |                           | 829.4         | 836.4 | 846.6 |                           |
| 3GPP Rel 99     | AMR 12.2Kbps            | 23.17         | 23.45 | 23.06  | 24.50                     | 22.80          | 22.89  | 22.89  | 24.50                     | 23.46         | 23.55 | 23.47 | 24.50                     |
| 3GPP Rel 99     | RMC 12.2Kbps            | 23.22         | 23.46 | 23.07  | 24.50                     | 22.64          | 22.96  | 22.90  | 24.50                     | 23.51         | 23.58 | 23.49 | 24.50                     |
| 3GPP Rel 6      | HSDPA Subtest-1         | 22.14         | 22.51 | 22.09  | 23.50                     | 21.75          | 21.85  | 21.79  | 23.50                     | 22.59         | 22.69 | 22.60 | 23.50                     |
| 3GPP Rel 6      | HSDPA Subtest-2         | 22.14         | 22.49 | 22.11  | 23.50                     | 21.55          | 21.82  | 21.98  | 23.50                     | 22.62         | 22.61 | 22.56 | 23.50                     |
| 3GPP Rel 6      | HSDPA Subtest-3         | 21.71         | 22.05 | 21.64  | 23.00                     | 21.25          | 21.36  | 21.49  | 23.00                     | 22.13         | 22.14 | 22.11 | 23.00                     |
| 3GPP Rel 6      | HSDPA Subtest-4         | 21.67         | 22.00 | 21.62  | 23.00                     | 21.18          | 21.50  | 21.27  | 23.00                     | 22.10         | 22.06 | 22.09 | 23.00                     |
| 3GPP Rel 6      | DC-HSDPA Subtest-1      | 21.86         | 21.91 | 21.95  | 23.50                     | 21.95          | 22.07  | 21.95  | 23.50                     | 22.42         | 22.32 | 22.39 | 23.50                     |
| 3GPP Rel 6      | DC-HSDPA Subtest-2      | 22.04         | 21.99 | 21.97  | 23.50                     | 22.15          | 22.14  | 22.21  | 23.50                     | 22.28         | 22.33 | 22.32 | 23.50                     |
| 3GPP Rel 6      | DC-HSDPA Subtest-3      | 21.47         | 21.42 | 21.49  | 23.00                     | 21.81          | 21.65  | 21.54  | 23.00                     | 21.90         | 21.82 | 21.76 | 23.00                     |
| 3GPP Rel 6      | DC-HSDPA Subtest-4      | 21.35         | 21.42 | 21.39  | 23.00                     | 21.79          | 21.52  | 21.55  | 23.00                     | 21.90         | 21.81 | 21.86 | 23.00                     |
| 3GPP Rel 6      | HSUPA Subtest-1         | 20.13         | 20.44 | 20.03  | 22.00                     | 21.75          | 21.83  | 21.79  | 23.00                     | 20.54         | 20.57 | 20.53 | 22.00                     |
| 3GPP Rel 6      | HSUPA Subtest-2         | 20.08         | 20.40 | 20.01  | 21.00                     | 20.54          | 20.95  | 20.90  | 21.50                     | 20.56         | 20.59 | 20.56 | 21.00                     |
| 3GPP Rel 6      | HSUPA Subtest-3         | 21.10         | 21.45 | 21.05  | 22.00                     | 21.80          | 21.79  | 21.83  | 22.50                     | 21.54         | 21.61 | 21.56 | 22.00                     |
| 3GPP Rel 6      | HSUPA Subtest-4         | 19.06         | 19.93 | 19.37  | 21.00                     | 20.35          | 20.35  | 20.50  | 21.50                     | 20.07         | 20.12 | 20.09 | 21.00                     |
| 3GPP Rel 6      | HSUPA Subtest-5         | 21.10         | 21.40 | 21.10  | 23.00                     | 21.55          | 21.70  | 21.79  | 23.50                     | 21.50         | 21.60 | 21.50 | 23.00                     |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 20.21         | 20.23 | 20.24  | 21.00                     | 20.54          | 20.64  | 20.66  | 21.00                     | 20.59         | 20.56 | 20.58 | 21.00                     |



| Band 12_Ant 0   |            |         |           |                   |                   |                   |                   |                    |          |  |
|-----------------|------------|---------|-----------|-------------------|-------------------|-------------------|-------------------|--------------------|----------|--|
| Ref. [MHz]      | Modulation | RF Size | RF Offset | Power Ch. / Freq. | Power Ch. / Freq. | Power Ch. / Freq. | Power Ch. / Freq. | Time-up Int. (sec) | MFR (dB) |  |
| Channel         |            |         |           |                   |                   |                   |                   |                    |          |  |
| Frequency (MHz) |            |         |           |                   |                   |                   |                   |                    |          |  |
| 10              | QPSK       | 1       | 0         | 23.97             | 23.97             | 23.97             | 23.97             | 25                 | 0        |  |
| 10              | QPSK       | 1       | 40        | 23.98             | 23.98             | 23.98             | 23.98             |                    |          |  |
| 10              | QPSK       | 1       | 80        | 23.99             | 23.99             | 23.99             | 23.99             |                    |          |  |
| 10              | QPSK       | 25      | 0         | 23.97             | 23.97             | 23.97             | 23.97             | 24                 | 1        |  |
| 10              | QPSK       | 25      | 40        | 23.98             | 23.98             | 23.98             | 23.98             |                    |          |  |
| 10              | QPSK       | 25      | 80        | 23.99             | 23.99             | 23.99             | 23.99             |                    |          |  |
| 10              | HQAM       | 1       | 0         | 23.14             | 23.14             | 23.14             | 23.14             | 24                 | 1        |  |
| 10              | HQAM       | 1       | 40        | 23.15             | 23.15             | 23.15             | 23.15             |                    |          |  |
| 10              | HQAM       | 1       | 80        | 23.16             | 23.16             | 23.16             | 23.16             |                    |          |  |
| 10              | HQAM       | 25      | 0         | 23.14             | 23.14             | 23.14             | 23.14             | 23                 | 2        |  |
| 10              | HQAM       | 25      | 40        | 23.15             | 23.15             | 23.15             | 23.15             |                    |          |  |
| 10              | HQAM       | 25      | 80        | 23.16             | 23.16             | 23.16             | 23.16             |                    |          |  |
| 10              | HQAM       | 50      | 0         | 23.17             | 23.17             | 23.17             | 23.17             |                    |          |  |
| 10              | ZS3BAM     | 1       | 0         | 18.76             | 18.76             | 18.76             | 18.76             | 20                 | 5        |  |
| 10              | ZS3BAM     | 1       | 40        | 18.77             | 18.77             | 18.77             | 18.77             |                    |          |  |
| 10              | ZS3BAM     | 1       | 80        | 18.78             | 18.78             | 18.78             | 18.78             |                    |          |  |
| 10              | ZS3BAM     | 25      | 0         | 18.76             | 18.76             | 18.76             | 18.76             | 20                 | 5        |  |
| 10              | ZS3BAM     | 25      | 40        | 18.77             | 18.77             | 18.77             | 18.77             |                    |          |  |
| 10              | ZS3BAM     | 25      | 80        | 18.78             | 18.78             | 18.78             | 18.78             |                    |          |  |
| Channel         |            |         |           |                   |                   |                   |                   |                    |          |  |
| Frequency (MHz) |            |         |           |                   |                   |                   |                   |                    |          |  |
| 5               | QPSK       | 1       | 0         | 23.17             | 23.17             | 23.17             | 23.17             | 25                 | 0        |  |
| 5               | QPSK       | 1       | 40        | 23.17             | 23.17             | 23.17             | 23.17             |                    |          |  |
| 5               | QPSK       | 1       | 80        | 23.18             | 23.18             | 23.18             | 23.18             |                    |          |  |
| 5               | QPSK       | 12      | 0         | 23.18             | 23.18             | 23.18             | 23.18             | 24                 | 1        |  |
| 5               | QPSK       | 12      | 40        | 23.19             | 23.19             | 23.19             | 23.19             |                    |          |  |
| 5               | QPSK       | 12      | 80        | 23.20             | 23.20             | 23.20             | 23.20             |                    |          |  |
| 5               | QPSK       | 25      | 0         | 23.18             | 23.18             | 23.18             | 23.18             | 24                 | 1        |  |
| 5               | QPSK       | 25      | 40        | 23.19             | 23.19             | 23.19             | 23.19             |                    |          |  |
| 5               | QPSK       | 25      | 80        | 23.20             | 23.20             | 23.20             | 23.20             |                    |          |  |
| 5               | HQAM       | 1       | 0         | 23.27             | 23.27             | 23.27             | 23.27             | 24                 | 1        |  |
| 5               | HQAM       | 1       | 40        | 23.28             | 23.28             | 23.28             | 23.28             |                    |          |  |
| 5               | HQAM       | 1       | 80        | 23.29             | 23.29             | 23.29             | 23.29             |                    |          |  |
| 5               | HQAM       | 12      | 0         | 23.27             | 23.27             | 23.27             | 23.27             | 23                 | 2        |  |
| 5               | HQAM       | 12      | 40        | 23.28             | 23.28             | 23.28             | 23.28             |                    |          |  |
| 5               | HQAM       | 12      | 80        | 23.29             | 23.29             | 23.29             | 23.29             |                    |          |  |
| 5               | HQAM       | 12      | 12        | 23.27             | 23.27             | 23.27             | 23.27             |                    |          |  |
| 5               | HQAM       | 12      | 16        | 23.28             | 23.28             | 23.28             | 23.28             |                    |          |  |
| 5               | HQAM       | 12      | 20        | 23.29             | 23.29             | 23.29             | 23.29             |                    |          |  |
| 5               | HQAM       | 12      | 24        | 23.30             | 23.30             | 23.30             | 23.30             |                    |          |  |
| 5               | HQAM       | 12      | 28        | 23.31             | 23.31             | 23.31             | 23.31             |                    |          |  |
| 5               | HQAM       | 12      | 32        | 23.32             | 23.32             | 23.32             | 23.32             |                    |          |  |
| 5               | HQAM       | 12      | 36        | 23.33             | 23.33             | 23.33             | 23.33             |                    |          |  |
| 5               | HQAM       | 12      | 40        | 23.34             | 23.34             | 23.34             | 23.34             |                    |          |  |
| 5               | HQAM       | 12      | 44        | 23.35             | 23.35             | 23.35             | 23.35             |                    |          |  |
| 5               | HQAM       | 12      | 48        | 23.36             | 23.36             | 23.36             | 23.36             |                    |          |  |
| 5               | HQAM       | 12      | 52        | 23.37             | 23.37             | 23.37             | 23.37             |                    |          |  |
| 5               | HQAM       | 12      | 56        | 23.38             | 23.38             | 23.38             | 23.38             |                    |          |  |
| 5               | HQAM       | 12      | 60        | 23.39             | 23.39             | 23.39             | 23.39             |                    |          |  |
| 5               | HQAM       | 12      | 64        | 23.40             | 23.40             | 23.40             | 23.40             |                    |          |  |
| 5               | HQAM       | 12      | 68        | 23.41             | 23.41             | 23.41             | 23.41             |                    |          |  |
| 5               | HQAM       | 12      | 72        | 23.42             | 23.42             | 23.42             | 23.42             |                    |          |  |
| 5               | HQAM       | 12      | 76        | 23.43             | 23.43             | 23.43             | 23.43             |                    |          |  |
| 5               | HQAM       | 12      | 80        | 23.44             | 23.44             | 23.44             | 23.44             |                    |          |  |
| 5               | HQAM       | 12      | 84        | 23.45             | 23.45             | 23.45             | 23.45             |                    |          |  |
| 5               | HQAM       | 12      | 88        | 23.46             | 23.46             | 23.46             | 23.46             |                    |          |  |
| 5               | HQAM       | 12      | 92        | 23.47             | 23.47             | 23.47             | 23.47             |                    |          |  |
| 5               | HQAM       | 12      | 96        | 23.48             | 23.48             | 23.48             | 23.48             |                    |          |  |
| 5               | HQAM       | 12      | 100       | 23.49             | 23.49             | 23.49             | 23.49             |                    |          |  |
| 5               | HQAM       | 12      | 104       | 23.50             | 23.50             | 23.50             | 23.50             |                    |          |  |
| 5               | HQAM       | 12      | 108       | 23.51             | 23.51             | 23.51             | 23.51             |                    |          |  |
| 5               | HQAM       | 12      | 112       | 23.52             | 23.52             | 23.52             | 23.52             |                    |          |  |
| 5               | HQAM       | 12      | 116       | 23.53             | 23.53             | 23.53             | 23.53             |                    |          |  |
| 5               | HQAM       | 12      | 120       | 23.54             | 23.54             | 23.54             | 23.54             |                    |          |  |
| 5               | HQAM       | 12      | 124       | 23.55             | 23.55             | 23.55             | 23.55             |                    |          |  |
| 5               | HQAM       | 12      | 128       | 23.56             | 23.56             | 23.56             | 23.56             |                    |          |  |
| 5               | HQAM       | 12      | 132       | 23.57             | 23.57             | 23.57             | 23.57             |                    |          |  |
| 5               | HQAM       | 12      | 136       | 23.58             | 23.58             | 23.58             | 23.58             |                    |          |  |
| 5               | HQAM       | 12      | 140       | 23.59             | 23.59             | 23.59             | 23.59             |                    |          |  |
| 5               | HQAM       | 12      | 144       | 23.60             | 23.60             | 23.60             | 23.60             |                    |          |  |
| 5               | HQAM       | 12      | 148       | 23.61             | 23.61             | 23.61             | 23.61             |                    |          |  |
| 5               | HQAM       | 12      | 152       | 23.62             | 23.62             | 23.62             | 23.62             |                    |          |  |
| 5               | HQAM       | 12      | 156       | 23.63             | 23.63             | 23.63             | 23.63             |                    |          |  |
| 5               | HQAM       | 12      | 160       | 23.64             | 23.64             | 23.64             | 23.64             |                    |          |  |
| 5               | HQAM       | 12      | 164       | 23.65             | 23.65             | 23.65             | 23.65             |                    |          |  |
| 5               | HQAM       | 12      | 168       | 23.66             | 23.66             | 23.66             | 23.66             |                    |          |  |
| 5               | HQAM       | 12      | 172       | 23.67             | 23.67             | 23.67             | 23.67             |                    |          |  |
| 5               | HQAM       | 12      | 176       | 23.68             | 23.68             | 23.68             | 23.68             |                    |          |  |
| 5               | HQAM       | 12      | 180       | 23.69             | 23.69             | 23.69             | 23.69             |                    |          |  |
| 5               | HQAM       | 12      | 184       | 23.70             | 23.70             | 23.70             | 23.70             |                    |          |  |
| 5               | HQAM       | 12      | 188       | 23.71             | 23.71             | 23.71             | 23.71             |                    |          |  |
| 5               | HQAM       | 12      | 192       | 23.72             | 23.72             | 23.72             | 23.72             |                    |          |  |
| 5               | HQAM       | 12      | 196       | 23.73             | 23.73             | 23.73             | 23.73             |                    |          |  |
| 5               | HQAM       | 12      | 200       | 23.74             | 23.74             | 23.74             | 23.74             |                    |          |  |
| 5               | HQAM       | 12      | 204       | 23.75             | 23.75             | 23.75             | 23.75             |                    |          |  |
| 5               | HQAM       | 12      | 208       | 23.76             | 23.76             | 23.76             | 23.76             |                    |          |  |
| 5               | HQAM       | 12      | 212       | 23.77             | 23.77             | 23.77             | 23.77             |                    |          |  |
| 5               | HQAM       | 12      | 216       | 23.78             | 23.78             | 23.78             | 23.78             |                    |          |  |
| 5               | HQAM       | 12      | 220       | 23.79             | 23.79             | 23.79             | 23.79             |                    |          |  |
| 5               | HQAM       | 12      | 224       | 23.80             | 23.80             | 23.80             | 23.80             |                    |          |  |
| 5               | HQAM       | 12      | 228       | 23.81             | 23.81             | 23.81             | 23.81             |                    |          |  |
| 5               | HQAM       | 12      | 232       | 23.82             | 23.82             | 23.82             | 23.82             |                    |          |  |
| 5               | HQAM       | 12      | 236       | 23.83             | 23.83             | 23.83             | 23.83             |                    |          |  |
| 5               | HQAM       | 12      | 240       | 23.84             | 23.84             | 23.84             | 23.84             |                    |          |  |
| 5               | HQAM       | 12      | 244       | 23.85             | 23.85             | 23.85             | 23.85             |                    |          |  |
| 5               | HQAM       | 12      | 248       | 23.86             | 23.86             | 23.86             | 23.86             |                    |          |  |
| 5               | HQAM       | 12      | 252       | 23.87             | 23.87             | 23.87             | 23.87             |                    |          |  |
| 5               | HQAM       | 12      | 256       | 23.88             | 23.88             | 23.88             | 23.88             |                    |          |  |
| 5               | HQAM       | 12      | 260       | 23.89             | 23.89             | 23.89             | 23.89             |                    |          |  |
| 5               | HQAM       | 12      | 264       | 23.90             | 23.90             | 23.90             | 23.90             |                    |          |  |
| 5               | HQAM       | 12      | 268       | 23.91             | 23.91             | 23.91             | 23.91             |                    |          |  |
| 5               | HQAM       | 12      | 272       | 23.92             | 23.92             | 23.92             | 23.92             |                    |          |  |
| 5               | HQAM       | 12      | 276       | 23.93             | 23.93             | 23.93             | 23.93             |                    |          |  |
| 5               | HQAM       | 12      | 280       | 23.94             | 23.94             | 23.94             | 23.94             |                    |          |  |
| 5               | HQAM       | 12      | 284       | 23.95             | 23.95             | 23.95             | 23.95             |                    |          |  |
| 5               | HQAM       | 12      | 288       | 23.96             | 23.96             | 23.96             | 23.96             |                    |          |  |
| 5               | HQAM       | 12      | 292       | 23.97             | 23.97             | 23.97             | 23.97             |                    |          |  |
| 5               | HQAM       | 12      | 296       | 23.98             | 23.98             | 23.98             | 23.98             |                    |          |  |
| 5               | HQAM       | 12      | 300       | 23.99             | 23.99             | 23.99             | 23.99             |                    |          |  |
| 5               | HQAM       | 12      | 304       | 24.00             | 24.00             | 24.00             | 24.00             |                    |          |  |
| 5               | HQAM       | 12      | 308       | 24.01             | 24.01             | 24.01             | 24.01             |                    |          |  |
| 5               | HQAM       | 12      | 312       | 24.02             | 24.02             | 24.02             | 24.02             |                    |          |  |
| 5               | HQAM       | 12      | 316       | 24.03             | 24.03             | 24.03             | 24.03             |                    |          |  |
| 5               | HQAM       | 12      | 320       | 24.04             | 24.04             | 24.04             | 24.04             |                    |          |  |
| 5               | HQAM       | 12      | 324       | 24.05             | 24.05             | 24.05             | 24.05             |                    |          |  |
| 5               | HQAM       | 12      | 328       | 24.06             | 24.06             | 24.06             | 24.06             |                    |          |  |
| 5               | HQAM       | 12      | 332       | 24.07             | 24.07             | 24.07             | 24.07             |                    |          |  |
| 5               | HQAM       | 12      | 336       | 24.08             | 24.08             | 24.08             | 24.08             |                    |          |  |
| 5               | HQAM       | 12      | 340       | 24.09             | 24.09             | 24.09             | 24.09             |                    |          |  |
| 5               | HQAM       | 12      | 344       | 24.10             | 24.10             | 24.10             | 24.10             |                    |          |  |
| 5               | HQAM       | 12      | 348       | 24.11             | 24.11             | 24.11             | 24.11             |                    |          |  |
| 5               | HQAM       | 12      | 352       | 24.12             | 24.12             | 24.12             | 24.12             |                    |          |  |
| 5               | HQAM       | 12      | 356       | 24.13             | 24.13             | 24.13             | 24.13             |                    |          |  |
| 5               | HQAM       | 12      | 360       | 24.14             | 24.14             | 24.14             | 24.14             |                    |          |  |
| 5               | HQAM       | 12      | 364       | 24.15             | 24.15             | 24.15             | 24.15             |                    |          |  |
| 5               | HQAM       | 12      | 368       | 24.16             | 24.16             | 24.16             | 24.16             |                    |          |  |
| 5               | HQAM       | 12      | 372       | 24.17             | 24.17             | 24.17             | 24.17             |                    |          |  |
| 5               | HQAM       | 12      | 376       | 24.18             | 24.18             | 24.18             | 24.18             |                    |          |  |
| 5               | HQAM       | 12      | 380       | 24.19             | 24.19             | 24.19             | 24.19             |                    |          |  |
| 5               | HQAM       | 12      | 384       | 24.20             | 24.20             | 24.20             | 24.20             |                    |          |  |
| 5               | HQAM       | 12      | 388       | 24.21             | 24.21             | 24.21             | 24.21             |                    |          |  |
| 5               | HQAM       | 12      | 392       | 24.22             | 24.22             | 24.22             | 24.22             |                    |          |  |
| 5               | HQAM       | 12      | 396       | 24.23             | 24.23             | 24.23             | 24.23             |                    |          |  |
| 5               | HQAM       | 12      | 400       | 24.24             | 24.24             | 24.24             | 24.24             |                    |          |  |
| 5               | HQAM       | 12      | 404       | 24.25             | 24.25             | 24.25             | 24.25             |                    |          |  |
| 5               | HQAM       | 12      | 408       | 24.26             | 24.26             | 24.26             | 24.26             |                    |          |  |
| 5               | HQAM       | 12      | 412       | 24.27             | 24.27             | 24.27             | 24.27             |                    |          |  |
| 5               | HQAM       | 12      | 416       | 24.28             | 24.28             | 24.28             | 24.28             |                    |          |  |
| 5               | HQAM       | 12      | 420       | 24.29             | 24.29             | 24.29             | 24.29             |                    |          |  |
| 5               | HQAM       | 12      | 424       | 24.30             | 24.30             | 24.30             | 24.30             |                    |          |  |
| 5               | HQAM       | 12      | 428       | 24.31             | 24.31             | 24.31             | 24.31             |                    |          |  |
| 5               | HQAM       | 12      | 432       | 24.32             | 24.32             | 24.32             | 24.32             |                    |          |  |
| 5               | HQAM       | 12      | 436       | 24.33             | 24.33             | 24.33             | 24.33             |                    |          |  |
| 5               | HQAM       | 12      | 440       | 24.34             | 24.34             | 24.34             | 24.34             |                    |          |  |
| 5               | HQAM       | 12      | 444       | 24.35             | 24.35             | 24.35             | 24.35             |                    |          |  |
| 5               | HQAM       | 12      | 448       | 24.36             | 24.36             | 24.36             | 24.36             |                    |          |  |
| 5               | HQAM       | 12      | 452       |                   |                   |                   |                   |                    |          |  |

| Band 26(FCC)_Ant 0 |            |                 |       |                 |       |                 |       |                 |       |                 |       |                 |     |
|--------------------|------------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-----|
| RF B/W             | Modulation | RF Ch           | RF Ch | RF Ch           | RF Ch | RF Ch           | RF Ch | RF Ch           | RF Ch | RF Ch           | RF Ch | RF Ch           |     |
|                    |            | Frequency (MHz) |       | Frequency (MHz) |       | Frequency (MHz) |       | Frequency (MHz) |       | Frequency (MHz) |       | Frequency (MHz) |     |
|                    |            | 300.5           |       | 301.5           |       | 302.5           |       | 303.5           |       | 304.5           |       | 305.5           |     |
| 15                 | QPSK       | 1               | 0     | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 0   |
| 15                 | QPSK       | 1               | 8     | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 8   |
| 15                 | QPSK       | 1               | 16    | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 16  |
| 15                 | QPSK       | 1               | 24    | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 24  |
| 15                 | QPSK       | 1               | 32    | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 32  |
| 15                 | QPSK       | 1               | 40    | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 40  |
| 15                 | QPSK       | 1               | 48    | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 48  |
| 15                 | QPSK       | 1               | 56    | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 56  |
| 15                 | QPSK       | 1               | 64    | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 64  |
| 15                 | QPSK       | 1               | 72    | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 72  |
| 15                 | QPSK       | 1               | 80    | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 80  |
| 15                 | QPSK       | 1               | 88    | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 88  |
| 15                 | QPSK       | 1               | 96    | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 96  |
| 15                 | QPSK       | 1               | 104   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 104 |
| 15                 | QPSK       | 1               | 112   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 112 |
| 15                 | QPSK       | 1               | 120   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 120 |
| 15                 | QPSK       | 1               | 128   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 128 |
| 15                 | QPSK       | 1               | 136   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 136 |
| 15                 | QPSK       | 1               | 144   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 144 |
| 15                 | QPSK       | 1               | 152   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 152 |
| 15                 | QPSK       | 1               | 160   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 160 |
| 15                 | QPSK       | 1               | 168   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 168 |
| 15                 | QPSK       | 1               | 176   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 176 |
| 15                 | QPSK       | 1               | 184   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 184 |
| 15                 | QPSK       | 1               | 192   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 192 |
| 15                 | QPSK       | 1               | 200   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 200 |
| 15                 | QPSK       | 1               | 208   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 208 |
| 15                 | QPSK       | 1               | 216   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 216 |
| 15                 | QPSK       | 1               | 224   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 224 |
| 15                 | QPSK       | 1               | 232   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 232 |
| 15                 | QPSK       | 1               | 240   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 240 |
| 15                 | QPSK       | 1               | 248   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 248 |
| 15                 | QPSK       | 1               | 256   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 256 |
| 15                 | QPSK       | 1               | 264   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 264 |
| 15                 | QPSK       | 1               | 272   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 272 |
| 15                 | QPSK       | 1               | 280   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 280 |
| 15                 | QPSK       | 1               | 288   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 288 |
| 15                 | QPSK       | 1               | 296   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 296 |
| 15                 | QPSK       | 1               | 304   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 304 |
| 15                 | QPSK       | 1               | 312   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 312 |
| 15                 | QPSK       | 1               | 320   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 320 |
| 15                 | QPSK       | 1               | 328   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 328 |
| 15                 | QPSK       | 1               | 336   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 336 |
| 15                 | QPSK       | 1               | 344   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 344 |
| 15                 | QPSK       | 1               | 352   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 352 |
| 15                 | QPSK       | 1               | 360   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 360 |
| 15                 | QPSK       | 1               | 368   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 368 |
| 15                 | QPSK       | 1               | 376   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 376 |
| 15                 | QPSK       | 1               | 384   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 384 |
| 15                 | QPSK       | 1               | 392   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 392 |
| 15                 | QPSK       | 1               | 400   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 400 |
| 15                 | QPSK       | 1               | 408   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 408 |
| 15                 | QPSK       | 1               | 416   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 416 |
| 15                 | QPSK       | 1               | 424   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 424 |
| 15                 | QPSK       | 1               | 432   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 432 |
| 15                 | QPSK       | 1               | 440   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 440 |
| 15                 | QPSK       | 1               | 448   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 448 |
| 15                 | QPSK       | 1               | 456   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 456 |
| 15                 | QPSK       | 1               | 464   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 464 |
| 15                 | QPSK       | 1               | 472   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 472 |
| 15                 | QPSK       | 1               | 480   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 480 |
| 15                 | QPSK       | 1               | 488   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 488 |
| 15                 | QPSK       | 1               | 496   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 496 |
| 15                 | QPSK       | 1               | 504   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 504 |
| 15                 | QPSK       | 1               | 512   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 512 |
| 15                 | QPSK       | 1               | 520   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 520 |
| 15                 | QPSK       | 1               | 528   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 528 |
| 15                 | QPSK       | 1               | 536   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 536 |
| 15                 | QPSK       | 1               | 544   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 544 |
| 15                 | QPSK       | 1               | 552   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 552 |
| 15                 | QPSK       | 1               | 560   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 560 |
| 15                 | QPSK       | 1               | 568   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 568 |
| 15                 | QPSK       | 1               | 576   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 576 |
| 15                 | QPSK       | 1               | 584   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 584 |
| 15                 | QPSK       | 1               | 592   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 592 |
| 15                 | QPSK       | 1               | 600   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 600 |
| 15                 | QPSK       | 1               | 608   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 608 |
| 15                 | QPSK       | 1               | 616   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 616 |
| 15                 | QPSK       | 1               | 624   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 624 |
| 15                 | QPSK       | 1               | 632   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 632 |
| 15                 | QPSK       | 1               | 640   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 640 |
| 15                 | QPSK       | 1               | 648   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 648 |
| 15                 | QPSK       | 1               | 656   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 656 |
| 15                 | QPSK       | 1               | 664   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 664 |
| 15                 | QPSK       | 1               | 672   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 672 |
| 15                 | QPSK       | 1               | 680   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 680 |
| 15                 | QPSK       | 1               | 688   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 688 |
| 15                 | QPSK       | 1               | 696   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 696 |
| 15                 | QPSK       | 1               | 704   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 704 |
| 15                 | QPSK       | 1               | 712   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 712 |
| 15                 | QPSK       | 1               | 720   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 720 |
| 15                 | QPSK       | 1               | 728   | 21.92           | 22.00 | 22.08           | 22.16 | 22.24           | 22.32 | 22.40           | 22.48 | 22.56           | 728 |
| 15                 | QPSK       | 1               | 736   | 21.92           | 22.00 | 22.08           | 22.16 | 22              |       |                 |       |                 |     |

| Band 30_Ant 3   |            |              |             |                |            |                    |                    |            |       |
|-----------------|------------|--------------|-------------|----------------|------------|--------------------|--------------------|------------|-------|
| RF Channel      | Subchannel | RF Sp. (MHz) | RF BW (MHz) | RF Freq. (MHz) | Channel ID | Trans. Power (dBm) | Trans. Rate (Mbps) | Mod. (QAM) | Notes |
| Channel         |            |              |             |                |            |                    |                    |            |       |
| Frequency (MHz) |            |              |             |                | 2775       |                    |                    |            |       |
| 10              | SP3A       | 1            | 1           | 27.75          | 2775       | 23.0               | 24                 | 0          |       |
| 10              | SP3A       | 1            | 25          | 27.76          |            |                    |                    |            |       |
| 10              | SP3A       | 1            | 50          | 27.77          |            |                    |                    |            |       |
| 10              | SP3A       | 1            | 75          | 27.78          |            |                    |                    |            |       |
| 10              | SP3A       | 1            | 100         | 27.79          |            |                    |                    |            |       |
| 10              | SP3A       | 2            | 1           | 27.80          |            | 23                 |                    |            |       |
| 10              | SP3A       | 2            | 25          | 27.81          |            |                    |                    |            |       |
| 10              | SP3A       | 2            | 50          | 27.82          |            |                    |                    |            |       |
| 10              | SP3A       | 2            | 75          | 27.83          |            |                    |                    |            |       |
| 10              | SP3A       | 2            | 100         | 27.84          |            |                    |                    |            |       |
| 10              | SP3A       | 3            | 1           | 27.85          |            | 22                 |                    |            |       |
| 10              | SP3A       | 3            | 25          | 27.86          |            |                    |                    |            |       |
| 10              | SP3A       | 3            | 50          | 27.87          |            |                    |                    |            |       |
| 10              | SP3A       | 3            | 75          | 27.88          |            |                    |                    |            |       |
| 10              | SP3A       | 3            | 100         | 27.89          |            |                    |                    |            |       |
| 10              | SP3A       | 4            | 1           | 27.90          |            | 21                 |                    |            |       |
| 10              | SP3A       | 4            | 25          | 27.91          |            |                    |                    |            |       |
| 10              | SP3A       | 4            | 50          | 27.92          |            |                    |                    |            |       |
| 10              | SP3A       | 4            | 75          | 27.93          |            |                    |                    |            |       |
| 10              | SP3A       | 4            | 100         | 27.94          |            |                    |                    |            |       |
| 10              | SP3A       | 5            | 1           | 27.95          |            | 18                 | 5                  |            |       |
| 10              | SP3A       | 5            | 25          | 27.96          |            |                    |                    |            |       |
| 10              | SP3A       | 5            | 50          | 27.97          |            |                    |                    |            |       |
| 10              | SP3A       | 5            | 75          | 27.98          |            |                    |                    |            |       |
| 10              | SP3A       | 5            | 100         | 27.99          |            |                    |                    |            |       |
| 10              | SP3A       | 6            | 1           | 27.99          |            | 18                 | 5                  |            |       |
| 10              | SP3A       | 6            | 25          | 28.00          |            |                    |                    |            |       |
| 10              | SP3A       | 6            | 50          | 28.01          |            |                    |                    |            |       |
| 10              | SP3A       | 6            | 75          | 28.02          |            |                    |                    |            |       |
| 10              | SP3A       | 6            | 100         | 28.03          |            |                    |                    |            |       |
| 10              | SP3A       | 7            | 1           | 28.04          |            | 17                 |                    |            |       |
| 10              | SP3A       | 7            | 25          | 28.05          |            |                    |                    |            |       |
| 10              | SP3A       | 7            | 50          | 28.06          |            |                    |                    |            |       |
| 10              | SP3A       | 7            | 75          | 28.07          |            |                    |                    |            |       |
| 10              | SP3A       | 7            | 100         | 28.08          |            |                    |                    |            |       |
| 10              | SP3A       | 8            | 1           | 28.09          |            | 17                 |                    |            |       |
| 10              | SP3A       | 8            | 25          | 28.10          |            |                    |                    |            |       |
| 10              | SP3A       | 8            | 50          | 28.11          |            |                    |                    |            |       |
| 10              | SP3A       | 8            | 75          | 28.12          |            |                    |                    |            |       |
| 10              | SP3A       | 8            | 100         | 28.13          |            |                    |                    |            |       |
| 10              | SP3A       | 9            | 1           | 28.14          |            | 16                 |                    |            |       |
| 10              | SP3A       | 9            | 25          | 28.15          |            |                    |                    |            |       |
| 10              | SP3A       | 9            | 50          | 28.16          |            |                    |                    |            |       |
| 10              | SP3A       | 9            | 75          | 28.17          |            |                    |                    |            |       |
| 10              | SP3A       | 9            | 100         | 28.18          |            |                    |                    |            |       |
| 10              | SP3A       | 10           | 1           | 28.19          |            | 16                 |                    |            |       |
| 10              | SP3A       | 10           | 25          | 28.20          |            |                    |                    |            |       |
| 10              | SP3A       | 10           | 50          | 28.21          |            |                    |                    |            |       |
| 10              | SP3A       | 10           | 75          | 28.22          |            |                    |                    |            |       |
| 10              | SP3A       | 10           | 100         | 28.23          |            |                    |                    |            |       |
| 10              | SP3A       | 11           | 1           | 28.24          |            | 15                 |                    |            |       |
| 10              | SP3A       | 11           | 25          | 28.25          |            |                    |                    |            |       |
| 10              | SP3A       | 11           | 50          | 28.26          |            |                    |                    |            |       |
| 10              | SP3A       | 11           | 75          | 28.27          |            |                    |                    |            |       |
| 10              | SP3A       | 11           | 100         | 28.28          |            |                    |                    |            |       |
| 10              | SP3A       | 12           | 1           | 28.29          |            | 15                 |                    |            |       |
| 10              | SP3A       | 12           | 25          | 28.30          |            |                    |                    |            |       |
| 10              | SP3A       | 12           | 50          | 28.31          |            |                    |                    |            |       |
| 10              | SP3A       | 12           | 75          | 28.32          |            |                    |                    |            |       |
| 10              | SP3A       | 12           | 100         | 28.33          |            |                    |                    |            |       |
| 10              | SP3A       | 13           | 1           | 28.34          |            | 14                 |                    |            |       |
| 10              | SP3A       | 13           | 25          | 28.35          |            |                    |                    |            |       |
| 10              | SP3A       | 13           | 50          | 28.36          |            |                    |                    |            |       |
| 10              | SP3A       | 13           | 75          | 28.37          |            |                    |                    |            |       |
| 10              | SP3A       | 13           | 100         | 28.38          |            |                    |                    |            |       |
| 10              | SP3A       | 14           | 1           | 28.39          |            | 14                 |                    |            |       |
| 10              | SP3A       | 14           | 25          | 28.40          |            |                    |                    |            |       |
| 10              | SP3A       | 14           | 50          | 28.41          |            |                    |                    |            |       |
| 10              | SP3A       | 14           | 75          | 28.42          |            |                    |                    |            |       |
| 10              | SP3A       | 14           | 100         | 28.43          |            |                    |                    |            |       |
| 10              | SP3A       | 15           | 1           | 28.44          |            | 13                 |                    |            |       |
| 10              | SP3A       | 15           | 25          | 28.45          |            |                    |                    |            |       |
| 10              | SP3A       | 15           | 50          | 28.46          |            |                    |                    |            |       |
| 10              | SP3A       | 15           | 75          | 28.47          |            |                    |                    |            |       |
| 10              | SP3A       | 15           | 100         | 28.48          |            |                    |                    |            |       |

[illegible][illegible]

| Band 48_Ant 4   |                 |            |              |                         |                                   |                                    |                          |                           |             |  |
|-----------------|-----------------|------------|--------------|-------------------------|-----------------------------------|------------------------------------|--------------------------|---------------------------|-------------|--|
| BW<br>[MHz]     | Modulation<br>n | RB<br>Size | RB<br>Offset | Power Low<br>Ch. / Freq | Power Low<br>Middle<br>Ch. / Freq | Power High<br>Middle<br>Ch. / Freq | Power High<br>Ch. / Freq | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |                 |            |              | 55340                   | 55830                             | 56150                              | 56640                    |                           |             |  |
| Frequency (MHz) |                 |            |              | 3660                    | 3609                              | 3641                               | 3690                     |                           |             |  |
| 20              | QPSK            | 1          | 0            | 22.89                   | 23.08                             | 23.50                              | 23.48                    | 24                        | 0           |  |
| 20              | QPSK            | 1          | 49           | 22.82                   | 22.95                             | 23.42                              | 23.31                    |                           |             |  |
| 20              | QPSK            | 1          | 99           | 22.79                   | 23.06                             | 23.37                              | 23.35                    |                           |             |  |
| 20              | QPSK            | 50         | 0            | 21.67                   | 22.06                             | 22.46                              | 22.35                    |                           |             |  |
| 20              | QPSK            | 50         | 24           | 21.79                   | 21.98                             | 22.38                              | 22.35                    | 23                        | 1           |  |
| 20              | QPSK            | 50         | 50           | 21.84                   | 22.01                             | 22.35                              | 22.27                    |                           |             |  |
| 20              | QPSK            | 100        | 0            | 21.82                   | 21.93                             | 22.34                              | 22.32                    |                           |             |  |
| 20              | 16QAM           | 1          | 0            | 21.75                   | 22.01                             | 22.44                              | 22.28                    |                           |             |  |
| 20              | 16QAM           | 1          | 49           | 21.82                   | 22.04                             | 22.33                              | 22.40                    | 23                        | 1           |  |
| 20              | 16QAM           | 1          | 99           | 21.80                   | 22.05                             | 22.35                              | 22.34                    |                           |             |  |
| 20              | 16QAM           | 50         | 0            | 20.78                   | 21.06                             | 21.38                              | 21.27                    |                           |             |  |
| 20              | 16QAM           | 50         | 24           | 20.81                   | 20.96                             | 21.40                              | 21.33                    |                           |             |  |
| 20              | 16QAM           | 50         | 50           | 20.77                   | 21.04                             | 21.36                              | 21.37                    | 22                        | 2           |  |
| 20              | 16QAM           | 100        | 0            | 20.79                   | 21.00                             | 21.42                              | 21.33                    |                           |             |  |
| 20              | 64QAM           | 1          | 0            | 20.76                   | 21.06                             | 21.36                              | 21.32                    |                           |             |  |
| 20              | 64QAM           | 1          | 49           | 20.76                   | 20.96                             | 21.42                              | 21.33                    |                           |             |  |
| 20              | 64QAM           | 1          | 99           | 20.80                   | 21.00                             | 21.35                              | 21.33                    | 21                        | 3           |  |
| 20              | 64QAM           | 50         | 0            | 19.79                   | 19.94                             | 20.37                              | 20.41                    |                           |             |  |
| 20              | 64QAM           | 50         | 24           | 19.81                   | 19.97                             | 20.43                              | 20.37                    |                           |             |  |
| 20              | 64QAM           | 50         | 50           | 19.85                   | 20.06                             | 20.47                              | 20.29                    |                           |             |  |
| 20              | 256QAM          | 1          | 0            | 19.75                   | 20.01                             | 20.42                              | 20.41                    | 19                        | 5           |  |
| 20              | 256QAM          | 1          | 49           | 18.78                   | 18.70                             | 18.61                              | 18.64                    |                           |             |  |
| 20              | 256QAM          | 1          | 99           | 18.77                   | 18.72                             | 18.76                              | 18.84                    |                           |             |  |
| 20              | 256QAM          | 50         | 0            | 19.00                   | 18.96                             | 19.03                              | 18.96                    |                           |             |  |
| 20              | 256QAM          | 50         | 24           | 18.95                   | 18.83                             | 18.92                              | 18.85                    | 19                        | 5           |  |
| 20              | 256QAM          | 50         | 50           | 18.99                   | 19.04                             | 19.06                              | 18.94                    |                           |             |  |
| 20              | 256QAM          | 100        | 0            | 18.79                   | 18.88                             | 18.85                              | 18.91                    |                           |             |  |
| Channel         |                 |            |              | 55315                   | 55820                             | 56160                              | 56665                    | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |                 |            |              | 3557.5                  | 3608                              | 3642                               | 3692.5                   |                           |             |  |
| 15              | QPSK            | 1          | 0            | 22.88                   | 22.95                             | 23.43                              | 23.34                    | 24                        | 0           |  |
| 15              | QPSK            | 1          | 37           | 22.68                   | 22.82                             | 23.34                              | 23.16                    |                           |             |  |
| 15              | QPSK            | 1          | 74           | 22.65                   | 23.01                             | 23.26                              | 23.31                    |                           |             |  |
| 15              | QPSK            | 36         | 0            | 21.75                   | 21.92                             | 22.37                              | 22.24                    |                           |             |  |
| 15              | QPSK            | 36         | 20           | 21.77                   | 21.84                             | 22.37                              | 22.34                    | 23                        | 1           |  |
| 15              | QPSK            | 36         | 39           | 21.71                   | 21.51                             | 22.29                              | 22.16                    |                           |             |  |
| 15              | QPSK            | 75         | 0            | 21.70                   | 21.83                             | 22.26                              | 22.20                    |                           |             |  |
| 15              | 16QAM           | 1          | 0            | 21.65                   | 21.87                             | 22.29                              | 22.21                    |                           |             |  |
| 15              | 16QAM           | 1          | 37           | 21.72                   | 21.94                             | 22.18                              | 22.25                    | 23                        | 1           |  |
| 15              | 16QAM           | 1          | 74           | 21.73                   | 22.01                             | 22.34                              | 22.21                    |                           |             |  |
| 15              | 16QAM           | 36         | 0            | 20.67                   | 20.91                             | 21.24                              | 21.17                    |                           |             |  |
| 15              | 16QAM           | 36         | 20           | 20.71                   | 20.86                             | 21.33                              | 21.23                    |                           |             |  |
| 15              | 16QAM           | 36         | 39           | 20.71                   | 21.00                             | 21.30                              | 21.24                    | 22                        | 2           |  |
| 15              | 16QAM           | 75         | 0            | 20.66                   | 20.95                             | 21.33                              | 21.18                    |                           |             |  |
| 15              | 64QAM           | 1          | 0            | 20.67                   | 21.01                             | 21.30                              | 21.26                    |                           |             |  |
| 15              | 64QAM           | 1          | 37           | 20.69                   | 20.88                             | 21.31                              | 21.29                    |                           |             |  |
| 15              | 64QAM           | 1          | 74           | 20.70                   | 20.88                             | 21.31                              | 21.30                    | 22                        | 2           |  |
| 15              | 64QAM           | 36         | 0            | 19.75                   | 19.88                             | 20.34                              | 20.29                    |                           |             |  |
| 15              | 64QAM           | 36         | 20           | 19.69                   | 19.91                             | 20.38                              | 20.30                    |                           |             |  |
| 15              | 64QAM           | 36         | 39           | 19.82                   | 19.94                             | 20.38                              | 20.24                    |                           |             |  |
| 15              | 64QAM           | 75         | 0            | 19.68                   | 19.91                             | 20.36                              | 20.26                    | 21                        | 3           |  |
| 15              | 256QAM          | 1          | 0            | 17.54                   | 17.67                             | 18.11                              | 18.16                    |                           |             |  |
| 15              | 256QAM          | 1          | 37           | 18.69                   | 18.56                             | 18.69                              | 18.61                    |                           |             |  |
| 15              | 256QAM          | 1          | 74           | 18.90                   | 18.74                             | 18.85                              | 18.93                    |                           |             |  |
| 15              | 256QAM          | 36         | 0            | 18.93                   | 18.94                             | 18.98                              | 18.92                    | 19                        | 5           |  |
| 15              | 256QAM          | 36         | 20           | 18.91                   | 18.81                             | 18.82                              | 18.82                    |                           |             |  |
| 15              | 256QAM          | 36         | 39           | 19.01                   | 18.91                             | 18.95                              | 19.01                    |                           |             |  |
| 15              | 256QAM          | 75         | 0            | 18.86                   | 18.87                             | 18.85                              | 18.89                    |                           |             |  |
| Channel         |                 |            |              | 55290                   | 55815                             | 56165                              | 56690                    | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |                 |            |              | 3555                    | 3607.5                            | 3642.5                             | 3695                     |                           |             |  |
| 10              | QPSK            | 1          | 0            | 22.78                   | 23.07                             | 23.37                              | 23.27                    | 24                        | 0           |  |
| 10              | QPSK            | 1          | 25           | 22.73                   | 22.88                             | 23.33                              | 23.23                    |                           |             |  |
| 10              | QPSK            | 1          | 49           | 22.64                   | 22.95                             | 23.30                              | 23.27                    |                           |             |  |
| 10              | QPSK            | 25         | 0            | 21.81                   | 22.05                             | 22.39                              | 22.28                    |                           |             |  |
| 10              | QPSK            | 25         | 12           | 21.74                   | 21.92                             | 22.31                              | 22.26                    | 23                        | 1           |  |
| 10              | QPSK            | 25         | 25           | 21.76                   | 21.98                             | 22.32                              | 22.12                    |                           |             |  |
| 10              | QPSK            | 50         | 0            | 21.74                   | 21.90                             | 22.20                              | 22.19                    |                           |             |  |
| 10              | 16QAM           | 1          | 0            | 21.70                   | 21.90                             | 22.29                              | 22.16                    |                           |             |  |
| 10              | 16QAM           | 1          | 25           | 21.76                   | 22.03                             | 22.32                              | 22.27                    | 23                        | 1           |  |
| 10              | 16QAM           | 1          | 49           | 21.65                   | 21.91                             | 22.25                              | 22.30                    |                           |             |  |
| 10              | 16QAM           | 25         | 0            | 20.68                   | 21.03                             | 21.34                              | 21.26                    |                           |             |  |
| 10              | 16QAM           | 25         | 12           | 20.76                   | 20.92                             | 21.25                              | 21.28                    |                           |             |  |
| 10              | 16QAM           | 25         | 25           | 20.74                   | 21.02                             | 21.21                              | 21.31                    | 22                        | 2           |  |
| 10              | 16QAM           | 50         | 0            | 20.77                   | 20.92                             | 21.27                              | 21.30                    |                           |             |  |
| 10              | 64QAM           | 1          | 0            | 20.61                   | 20.95                             | 21.26                              | 21.26                    |                           |             |  |
| 10              | 64QAM           | 1          | 25           | 20.73                   | 20.85                             | 21.34                              | 21.22                    |                           |             |  |
| 10              | 64QAM           | 1          | 49           | 20.66                   | 20.98                             | 21.31                              | 21.30                    | 22                        | 2           |  |
| 10              | 64QAM           | 25         | 0            | 19.71                   | 19.82                             | 20.35                              | 20.32                    |                           |             |  |
| 10              | 64QAM           | 25         | 12           | 19.77                   | 19.89                             | 20.32                              | 20.30                    |                           |             |  |
| 10              | 64QAM           | 25         | 25           | 19.72                   | 19.99                             | 20.44                              | 20.23                    |                           |             |  |
| 10              | 64QAM           | 50         | 0            | 19.71                   | 19.91                             | 20.39                              | 20.28                    | 21                        | 3           |  |
| 10              | 256QAM          | 1          | 0            | 17.48                   | 17.74                             | 18.14                              | 18.17                    |                           |             |  |
| 10              | 256QAM          | 1          | 25           | 18.65                   | 18.67                             | 18.54                              | 18.68                    |                           |             |  |
| 10              | 256QAM          | 1          | 49           | 18.93                   | 18.76                             | 18.76                              | 18.81                    |                           |             |  |
| 10              | 256QAM          | 25         | 0            | 19.05                   | 18.93                             | 18.98                              | 18.93                    | 19                        | 5           |  |
| 10              | 256QAM          | 25         | 12           | 18.82                   | 18.85                             | 18.79                              | 18.80                    |                           |             |  |
| 10              | 256QAM          | 25         | 25           | 18.86                   | 19.01                             | 18.92                              | 18.89                    |                           |             |  |
| 10              | 256QAM          | 50         | 0            | 18.83                   | 18.97                             | 18.90                              | 18.99                    |                           |             |  |
| Channel         |                 |            |              | 55265                   | 55810                             | 56170                              | 56715                    | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |                 |            |              | 3552.5                  | 3607                              | 3643                               | 3697.5                   |                           |             |  |
| 5               | QPSK            | 1          | 0            | 22.82                   | 22.94                             | 23.47                              | 23.37                    | 24                        | 0           |  |
| 5               | QPSK            | 1          | 12           | 22.71                   | 22.87                             | 23.39                              | 23.20                    |                           |             |  |
| 5               | QPSK            | 1          | 24           | 22.77                   | 22.99                             | 23.31                              | 23.30                    |                           |             |  |
| 5               | QPSK            | 12         | 0            | 21.73                   | 21.92                             | 22.35                              | 22.25                    |                           |             |  |
| 5               | QPSK            | 12         | 7            | 21.76                   | 21.95                             | 22.24                              | 22.24                    | 23                        | 1           |  |
| 5               | QPSK            | 12         | 13           | 21.75                   | 21.95                             | 22.22                              | 22.25                    |                           |             |  |
| 5               | QPSK            | 25         | 0            | 21.67                   | 21.92                             | 22.32                              | 22.17                    |                           |             |  |
| 5               | 16QAM           | 1          | 0            | 21.71                   | 22.00                             | 22.42                              | 22.18                    |                           |             |  |
| 5               | 16QAM           | 1          | 12           | 21.71                   | 21.91                             | 22.29                              | 22.36                    | 23                        | 1           |  |
| 5               | 16QAM           | 1          | 24           | 21.66                   | 22.02                             | 22.27                              | 22.31                    |                           |             |  |
| 5               | 16QAM           | 12         | 0            | 20.63                   | 21.04                             | 21.31                              | 21.26                    |                           |             |  |
| 5               | 16QAM           | 12         | 7            | 20.67                   | 20.93                             | 21.36                              | 21.29                    |                           |             |  |
| 5               | 16QAM           | 12         | 13           | 20.72                   | 21.01                             | 21.21                              | 21.23                    | 22                        | 2           |  |
| 5               | 16QAM           | 25         | 0            | 20.75                   | 20.99                             | 21.37                              | 21.20                    |                           |             |  |
| 5               | 64QAM           | 1          | 0            | 20.72                   | 20.98                             | 21.24                              | 21.22                    |                           |             |  |
| 5               | 64QAM           | 1          | 12           | 20.71                   | 20.97                             | 21.41                              | 21.21                    |                           |             |  |
| 5               | 64QAM           | 1          | 24           | 20.71                   | 20.87                             | 21.25                              | 21.20                    | 22                        | 2           |  |
| 5               | 64QAM           | 12         | 0            | 19.72                   | 19.89                             | 20.23                              | 20.29                    |                           |             |  |
| 5               | 64QAM           | 12         | 7            | 19.71                   | 19.90                             | 20.33                              | 20.36                    |                           |             |  |
| 5               | 64QAM           | 12         | 13           | 19.73                   | 19.98                             | 20.41                              | 20.21                    |                           |             |  |
| 5               | 256QAM          | 1          | 0            | 17.47                   | 17.66                             | 18.13                              | 18.20                    | 21                        | 3           |  |
| 5               | 256QAM          | 1          | 12           | 18.67                   | 18.64                             | 18.62                              | 18.73                    |                           |             |  |
| 5               | 256QAM          | 1          | 24           | 18.89                   | 18.83                             | 18.91                              | 18.90                    |                           |             |  |
| 5               | 256QAM          | 12         | 0            | 18.88                   | 19.06                             | 19.00                              | 18.86                    |                           |             |  |
| 5               | 256QAM          | 12         | 7            | 18.78                   | 18.75                             | 18.75                              | 18.84                    | 19                        | 5           |  |
| 5               | 256QAM          | 12         | 13           | 18.90                   | 18.89                             | 19.00                              | 18.90                    |                           |             |  |
| 5               | 256QAM          | 25         | 0            | 18.83                   | 18.93                             | 18.92                              | 19.01                    |                           |             |  |

## Reduced Power Mode for Receiver on

| GSM850_Ant 0    | Burst Average Power (dBm) |       |       | Tune-up Limit (dBm) | Frame Average Power (dBm) |       |       | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
|                 | TX Channel                | 126   | 169   | 261                 | 108                       | 169   | 261   |                     |
| Frequency (MHz) | 824.2                     | 836.4 | 848.6 |                     | 824.2                     | 836.4 | 848.6 |                     |
| GSM 1 Tx slot   | 33.14                     | 33.36 | 33.27 | 34.00               | 24.14                     | 24.36 | 24.27 | 25.00               |
| GPRS 1 Tx slot  | 33.12                     | 33.38 | 33.22 | 34.00               | 24.12                     | 24.38 | 24.22 | 25.00               |
| GPRS 2 Tx slots | 32.00                     | 32.27 | 32.11 | 33.00               | 26.00                     | 26.27 | 26.11 | 27.00               |
| GPRS 3 Tx slots | 29.06                     | 29.93 | 29.80 | 31.00               | 25.40                     | 26.67 | 26.54 | 28.74               |
| GPRS 4 Tx slots | 28.35                     | 28.61 | 28.53 | 29.50               | 25.35                     | 25.61 | 25.53 | 26.50               |
| EDGE 1 Tx slot  | 26.70                     | 26.71 | 26.65 | 27.50               | 17.70                     | 17.71 | 17.65 | 18.50               |
| EDGE 2 Tx slots | 25.10                     | 25.13 | 25.06 | 26.50               | 19.10                     | 19.13 | 19.06 | 20.50               |
| EDGE 3 Tx slots | 22.61                     | 22.64 | 22.74 | 24.00               | 18.35                     | 18.39 | 18.48 | 19.74               |
| EDGE 4 Tx slots | 21.41                     | 21.55 | 21.25 | 23.00               | 18.41                     | 18.55 | 18.25 | 20.00               |

| GSM1900_Ant 3   | Burst Average Power (dBm) |       |        | Tune-up Limit (dBm) | Frame Average Power (dBm) |       |        | Tune-up Limit (dBm) |
|-----------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|
|                 | TX Channel                | 512   | 661    | 810                 | 512                       | 661   | 810    |                     |
| Frequency (MHz) | 1824.2                    | 1820  | 1823.2 |                     | 1824.2                    | 1820  | 1823.2 |                     |
| GSM 1 Tx slot   | 25.07                     | 25.26 | 24.92  | 26.00               | 16.07                     | 16.26 | 15.92  | 17.00               |
| GPRS 1 Tx slot  | 25.13                     | 25.22 | 24.90  | 26.00               | 16.13                     | 16.22 | 15.90  | 17.00               |
| GPRS 2 Tx slots | 23.79                     | 24.15 | 23.60  | 25.00               | 17.79                     | 18.15 | 17.60  | 19.00               |
| GPRS 3 Tx slots | 21.26                     | 21.53 | 20.93  | 22.50               | 17.00                     | 17.27 | 16.67  | 18.24               |
| GPRS 4 Tx slots | 19.77                     | 20.32 | 19.88  | 21.00               | 16.77                     | 17.32 | 16.98  | 18.00               |
| EDGE 1 Tx slot  | 21.77                     | 21.51 | 21.26  | 23.00               | 12.77                     | 12.51 | 12.26  | 14.00               |
| EDGE 2 Tx slots | 20.11                     | 20.36 | 19.94  | 21.50               | 14.11                     | 14.36 | 13.94  | 15.50               |
| EDGE 3 Tx slots | 18.15                     | 18.35 | 18.07  | 19.50               | 13.89                     | 14.09 | 13.81  | 15.24               |
| EDGE 4 Tx slots | 16.97                     | 17.05 | 16.64  | 18.50               | 13.97                     | 14.05 | 13.64  | 15.50               |

| Band            | WCDMA I_Ant 3           |       |        | Tune-up Limit (dBm) | WCDMA IV_Ant 3 |        |        | Tune-up Limit (dBm) | WCDMA V_Ant 0 |       |       | Tune-up Limit (dBm) |
|-----------------|-------------------------|-------|--------|---------------------|----------------|--------|--------|---------------------|---------------|-------|-------|---------------------|
|                 | TX Channel              | 9262  | 9490   | 9538                | 1312           | 1413   | 1513   |                     | 4132          | 4182  | 4233  |                     |
| Rx Channel      | 9662                    | 9800  | 9938   |                     | 1537           | 1638   | 1738   |                     | 4357          | 4407  | 4458  |                     |
| Frequency (MHz) | 1852.4                  | 1880  | 1907.6 |                     | 1712.4         | 1732.6 | 1752.6 |                     | 626.4         | 636.4 | 646.6 |                     |
| 3GPP Rel 99     | 18.91                   | 18.89 | 18.83  | 20.00               | 17.88          | 17.83  | 17.84  | 18.50               | 23.46         | 23.55 | 23.47 | 24.50               |
| 3GPP Rel 99     | 18.93                   | 18.95 | 18.86  | 20.00               | 17.81          | 17.85  | 17.74  | 19.50               | 23.51         | 23.58 | 23.49 | 24.50               |
| 3GPP Rel 6      | HSDPA Subtest-1         | 17.94 | 17.96  | 17.88               | 19.00          | 16.79  | 16.75  | 16.80               | 18.50         | 22.59 | 22.60 | 23.50               |
| 3GPP Rel 6      | HSDPA Subtest-2         | 17.93 | 17.84  | 17.85               | 19.00          | 16.78  | 16.78  | 16.74               | 18.50         | 22.62 | 22.61 | 23.50               |
| 3GPP Rel 6      | HSDPA Subtest-3         | 17.46 | 17.53  | 17.43               | 18.50          | 16.26  | 16.31  | 16.32               | 18.00         | 22.13 | 22.14 | 23.00               |
| 3GPP Rel 6      | HSDPA Subtest-4         | 17.48 | 17.42  | 17.46               | 18.50          | 16.35  | 16.48  | 16.42               | 18.00         | 22.10 | 22.06 | 23.00               |
| 3GPP Rel 6      | DCHSDPA Subtest-1       | 17.36 | 17.31  | 17.31               | 19.00          | 17.08  | 17.03  | 16.94               | 18.50         | 22.42 | 22.32 | 23.50               |
| 3GPP Rel 6      | DCHSDPA Subtest-2       | 17.48 | 17.38  | 17.48               | 19.00          | 17.02  | 17.02  | 17.00               | 18.50         | 22.26 | 22.33 | 23.50               |
| 3GPP Rel 6      | DCHSDPA Subtest-3       | 16.80 | 16.80  | 16.77               | 18.50          | 16.50  | 16.59  | 16.56               | 18.00         | 21.90 | 21.82 | 23.00               |
| 3GPP Rel 6      | DCHSDPA Subtest-4       | 16.77 | 16.83  | 16.80               | 18.50          | 16.46  | 16.37  | 16.37               | 18.00         | 21.90 | 21.81 | 23.00               |
| 3GPP Rel 6      | HSUPA Subtest-1         | 15.83 | 15.86  | 15.80               | 17.50          | 16.82  | 16.79  | 16.71               | 18.50         | 20.54 | 20.57 | 22.00               |
| 3GPP Rel 6      | HSUPA Subtest-2         | 15.83 | 15.76  | 15.79               | 16.50          | 15.88  | 15.81  | 15.86               | 16.50         | 20.56 | 20.59 | 21.00               |
| 3GPP Rel 6      | HSUPA Subtest-3         | 16.80 | 16.88  | 16.81               | 17.50          | 16.75  | 16.74  | 16.71               | 17.50         | 21.54 | 21.61 | 22.00               |
| 3GPP Rel 6      | HSUPA Subtest-4         | 15.41 | 15.34  | 15.36               | 16.50          | 15.25  | 15.25  | 15.28               | 16.50         | 20.07 | 20.12 | 21.00               |
| 3GPP Rel 6      | HSUPA Subtest-5         | 16.67 | 16.79  | 16.85               | 18.50          | 16.61  | 16.61  | 16.61               | 18.50         | 21.50 | 21.60 | 23.00               |
| 3GPP Rel 7      | HSPA+ (12QAM) Subtest-1 | 15.70 | 15.63  | 15.70               | 16.50          | 15.53  | 15.51  | 15.58               | 16.00         | 20.58 | 20.56 | 21.00               |



[illegible][illegible][illegible][illegible]

| Band 26(FCC)_Ant 0 |            |         |           |                 |                 |                 |                     |          |  |  |
|--------------------|------------|---------|-----------|-----------------|-----------------|-----------------|---------------------|----------|--|--|
| Site (MHz)         | Modulation | IS Size | IS Offset | Power Ch. 1 (W) | Power Ch. 2 (W) | Power Ch. 3 (W) | Time-up limit (min) | MFR (dB) |  |  |
| Channel            |            |         |           |                 |                 |                 |                     |          |  |  |
| Frequency (MHz)    | Channel    | IS Size | IS Offset | Power Ch. 1 (W) | Power Ch. 2 (W) | Power Ch. 3 (W) | Time-up limit (min) | MFR (dB) |  |  |
| 15                 | CPFSK      | 1       | 0         | 23.85           | 23.85           | 23.85           | 25                  | 0        |  |  |
| 15                 | CPFSK      | 1       | 74        | 23.78           | 23.85           | 23.78           | 25                  | 0        |  |  |
| 15                 | CPFSK      | 30      | 0         | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 74        | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 148       | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 222       | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 296       | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 370       | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 444       | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 518       | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 592       | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 666       | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 740       | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 814       | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 888       | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 962       | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1036      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1110      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1184      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1258      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1332      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1406      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1480      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1554      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1628      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1702      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1776      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1850      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1924      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 1998      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 2072      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 2146      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 2220      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 2294      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 2368      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 2442      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 2516      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 2590      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 2664      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 2738      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 2812      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 2886      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 2960      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3034      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3108      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3182      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3256      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3330      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3404      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3478      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3552      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3626      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3700      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3774      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3848      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3922      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 3996      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 4070      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 4144      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 4218      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 4292      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 4366      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 4440      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 4514      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 4588      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 4662      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 4736      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 4810      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 4884      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 4958      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5032      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5106      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5180      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5254      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5328      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5402      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5476      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5550      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5624      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5698      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5772      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5846      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5920      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 5994      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 6068      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 6142      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 6216      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 6290      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 6364      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 6438      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 6512      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 6586      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 6660      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 6734      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 6808      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 6882      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 6956      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7030      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7104      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7178      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7252      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7326      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7400      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7474      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7548      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7622      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7696      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7770      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7844      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7918      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 7992      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 8066      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 8140      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 8214      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 8288      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 8362      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 8436      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 8510      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 8584      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 8658      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 8732      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 8806      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 8880      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 8954      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9028      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9102      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9176      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9250      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9324      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9398      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9472      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9546      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9620      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9694      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9768      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9842      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9916      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 9990      | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 10064     | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 10138     | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 10212     | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 10286     | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30      | 10360     | 23.85           | 23.85           | 23.85           | 24                  | 1        |  |  |
| 15                 | CPFSK      | 30</    |           |                 |                 |                 |                     |          |  |  |

| Band 48_Ant 4   |            |            |              |                            |                                      |                                       |                             |                           |             |
|-----------------|------------|------------|--------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|---------------------------|-------------|
| BW<br>(MHz)     | Modulation | RB<br>Size | RB<br>Offset | Power<br>Low<br>Ch. / Freq | Power<br>Low<br>Middle<br>Ch. / Freq | Power<br>High<br>Middle<br>Ch. / Freq | Power<br>High<br>Ch. / Freq | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |
| Channel         |            |            |              | 55340                      | 55830                                | 56150                                 | 56640                       |                           |             |
| Frequency (MHz) |            |            |              | 3560                       | 3609                                 | 3641                                  | 3690                        |                           |             |
| 20              | QPSK       | 1          | 0            | 22.35                      | 22.53                                | 22.68                                 | 22.80                       | 23.5                      | 0           |
| 20              | QPSK       | 1          | 49           | 22.28                      | 22.46                                | 22.66                                 | 22.84                       |                           |             |
| 20              | QPSK       | 1          | 99           | 22.30                      | 22.46                                | 22.91                                 | 22.83                       |                           |             |
| 20              | QPSK       | 50         | 0            | 21.81                      | 21.94                                | 22.41                                 | 22.31                       |                           |             |
| 20              | QPSK       | 50         | 24           | 21.77                      | 21.90                                | 22.39                                 | 22.21                       | 23                        | 0.5         |
| 20              | QPSK       | 50         | 50           | 21.80                      | 21.93                                | 22.33                                 | 22.27                       |                           |             |
| 20              | QPSK       | 100        | 0            | 21.78                      | 21.87                                | 22.37                                 | 22.29                       |                           |             |
| 20              | 16QAM      | 1          | 0            | 21.79                      | 21.86                                | 22.35                                 | 22.26                       |                           |             |
| 20              | 16QAM      | 1          | 49           | 21.77                      | 21.89                                | 22.37                                 | 22.25                       | 23                        | 0.5         |
| 20              | 16QAM      | 1          | 99           | 21.71                      | 21.91                                | 22.34                                 | 22.27                       |                           |             |
| 20              | 16QAM      | 50         | 0            | 20.71                      | 20.88                                | 21.33                                 | 21.23                       |                           |             |
| 20              | 16QAM      | 50         | 24           | 20.72                      | 20.85                                | 21.32                                 | 21.23                       |                           |             |
| 20              | 16QAM      | 50         | 50           | 20.74                      | 20.84                                | 21.38                                 | 21.21                       | 22                        | 1.5         |
| 20              | 16QAM      | 100        | 0            | 20.80                      | 20.92                                | 21.37                                 | 21.23                       |                           |             |
| 20              | 64QAM      | 1          | 0            | 20.71                      | 20.91                                | 21.35                                 | 21.29                       |                           |             |
| 20              | 64QAM      | 1          | 49           | 20.76                      | 20.90                                | 21.35                                 | 21.24                       |                           |             |
| 20              | 64QAM      | 1          | 99           | 20.71                      | 20.84                                | 21.32                                 | 21.29                       | 21                        | 2.5         |
| 20              | 64QAM      | 50         | 0            | 19.71                      | 19.82                                | 20.38                                 | 20.23                       |                           |             |
| 20              | 64QAM      | 50         | 24           | 19.78                      | 19.91                                | 20.36                                 | 20.30                       |                           |             |
| 20              | 64QAM      | 50         | 50           | 19.78                      | 19.89                                | 20.35                                 | 20.27                       |                           |             |
| 20              | 64QAM      | 100        | 0            | 19.80                      | 19.92                                | 20.39                                 | 20.25                       | 19                        | 4.5         |
| 20              | 256QAM     | 1          | 0            | 17.73                      | 17.91                                | 18.35                                 | 18.24                       |                           |             |
| 20              | 256QAM     | 1          | 49           | 17.80                      | 17.86                                | 18.36                                 | 18.27                       |                           |             |
| 20              | 256QAM     | 1          | 99           | 17.77                      | 17.86                                | 18.36                                 | 18.30                       |                           |             |
| 20              | 256QAM     | 50         | 0            | 17.77                      | 17.91                                | 18.34                                 | 18.22                       | 19                        | 4.5         |
| 20              | 256QAM     | 50         | 24           | 17.74                      | 17.91                                | 18.38                                 | 18.21                       |                           |             |
| 20              | 256QAM     | 50         | 50           | 17.80                      | 17.92                                | 18.32                                 | 18.26                       |                           |             |
| 20              | 256QAM     | 100        | 0            | 17.72                      | 17.88                                | 18.36                                 | 18.22                       |                           |             |
| Channel         |            |            |              | 55315                      | 55820                                | 56160                                 | 56665                       | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |            |              | 3557.5                     | 3608                                 | 3642                                  | 3692.5                      |                           |             |
| 15              | QPSK       | 1          | 0            | 22.48                      | 22.44                                | 22.91                                 | 22.86                       | 23.5                      | 0           |
| 15              | QPSK       | 1          | 37           | 22.40                      | 22.34                                | 22.94                                 | 22.92                       |                           |             |
| 15              | QPSK       | 1          | 74           | 22.32                      | 22.32                                | 22.78                                 | 22.82                       |                           |             |
| 15              | QPSK       | 36         | 0            | 21.86                      | 21.91                                | 22.29                                 | 22.39                       |                           |             |
| 15              | QPSK       | 36         | 20           | 21.82                      | 21.78                                | 22.29                                 | 22.25                       | 23                        | 0.5         |
| 15              | QPSK       | 36         | 39           | 21.78                      | 21.81                                | 22.31                                 | 22.28                       |                           |             |
| 15              | QPSK       | 75         | 0            | 21.83                      | 21.84                                | 22.34                                 | 22.35                       |                           |             |
| 15              | 16QAM      | 1          | 0            | 21.77                      | 21.73                                | 22.23                                 | 22.20                       |                           |             |
| 15              | 16QAM      | 1          | 37           | 21.85                      | 21.81                                | 22.28                                 | 22.33                       | 23                        | 0.5         |
| 15              | 16QAM      | 1          | 74           | 21.82                      | 21.90                                | 22.27                                 | 22.33                       |                           |             |
| 15              | 16QAM      | 36         | 0            | 20.76                      | 20.74                                | 21.29                                 | 21.22                       |                           |             |
| 15              | 16QAM      | 36         | 20           | 20.76                      | 20.71                                | 21.20                                 | 21.26                       |                           |             |
| 15              | 16QAM      | 36         | 39           | 20.79                      | 20.79                                | 21.35                                 | 21.30                       | 22                        | 1.5         |
| 15              | 16QAM      | 75         | 0            | 20.80                      | 20.81                                | 21.31                                 | 21.29                       |                           |             |
| 15              | 64QAM      | 1          | 0            | 20.76                      | 20.88                                | 21.29                                 | 21.29                       |                           |             |
| 15              | 64QAM      | 1          | 37           | 20.88                      | 20.76                                | 21.32                                 | 21.21                       |                           |             |
| 15              | 64QAM      | 1          | 74           | 20.71                      | 20.71                                | 21.24                                 | 21.19                       | 22                        | 1.5         |
| 15              | 64QAM      | 36         | 0            | 19.90                      | 19.85                                | 20.27                                 | 20.33                       |                           |             |
| 15              | 64QAM      | 36         | 20           | 19.80                      | 19.81                                | 20.30                                 | 20.29                       |                           |             |
| 15              | 64QAM      | 36         | 39           | 19.77                      | 19.82                                | 20.30                                 | 20.33                       |                           |             |
| 15              | 64QAM      | 75         | 0            | 19.86                      | 19.83                                | 20.31                                 | 20.27                       | 19                        | 4.5         |
| 15              | 256QAM     | 1          | 0            | 17.88                      | 17.80                                | 18.22                                 | 18.32                       |                           |             |
| 15              | 256QAM     | 1          | 37           | 17.78                      | 17.84                                | 18.35                                 | 18.34                       |                           |             |
| 15              | 256QAM     | 1          | 74           | 17.71                      | 17.73                                | 18.35                                 | 18.31                       |                           |             |
| 15              | 256QAM     | 36         | 0            | 17.82                      | 17.78                                | 18.23                                 | 18.25                       | 19                        | 4.5         |
| 15              | 256QAM     | 36         | 20           | 17.83                      | 17.79                                | 18.26                                 | 18.34                       |                           |             |
| 15              | 256QAM     | 36         | 39           | 17.80                      | 17.84                                | 18.25                                 | 18.22                       |                           |             |
| 15              | 256QAM     | 75         | 0            | 17.84                      | 17.79                                | 18.33                                 | 18.25                       |                           |             |
| Channel         |            |            |              | 55290                      | 55815                                | 56165                                 | 56690                       | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |            |              | 3565                       | 3607.5                               | 3642.5                                | 3695                        |                           |             |
| 10              | QPSK       | 1          | 0            | 22.49                      | 22.38                                | 22.84                                 | 22.87                       | 23.5                      | 0           |
| 10              | QPSK       | 1          | 25           | 22.42                      | 22.36                                | 22.90                                 | 22.86                       |                           |             |
| 10              | QPSK       | 1          | 49           | 22.43                      | 22.44                                | 22.90                                 | 22.88                       |                           |             |
| 10              | QPSK       | 25         | 0            | 21.86                      | 21.86                                | 22.26                                 | 22.33                       |                           |             |
| 10              | QPSK       | 25         | 12           | 21.85                      | 21.84                                | 22.31                                 | 22.25                       | 23                        | 0.5         |
| 10              | QPSK       | 25         | 25           | 21.87                      | 21.85                                | 22.22                                 | 22.29                       |                           |             |
| 10              | QPSK       | 50         | 0            | 21.79                      | 21.85                                | 22.23                                 | 22.25                       |                           |             |
| 10              | 16QAM      | 1          | 0            | 21.81                      | 21.72                                | 22.29                                 | 22.25                       |                           |             |
| 10              | 16QAM      | 1          | 25           | 21.76                      | 21.83                                | 22.36                                 | 22.30                       | 23                        | 0.5         |
| 10              | 16QAM      | 1          | 49           | 21.78                      | 21.90                                | 22.32                                 | 22.22                       |                           |             |
| 10              | 16QAM      | 25         | 0            | 20.87                      | 20.83                                | 21.25                                 | 21.20                       |                           |             |
| 10              | 16QAM      | 25         | 12           | 20.71                      | 20.70                                | 21.18                                 | 21.20                       |                           |             |
| 10              | 16QAM      | 25         | 25           | 20.70                      | 20.80                                | 21.29                                 | 21.32                       | 22                        | 1.5         |
| 10              | 16QAM      | 50         | 0            | 20.87                      | 20.83                                | 21.33                                 | 21.29                       |                           |             |
| 10              | 64QAM      | 1          | 0            | 20.90                      | 20.86                                | 21.29                                 | 21.33                       |                           |             |
| 10              | 64QAM      | 1          | 25           | 20.84                      | 20.78                                | 21.32                                 | 21.34                       |                           |             |
| 10              | 64QAM      | 1          | 49           | 20.72                      | 20.81                                | 21.23                                 | 21.31                       | 21                        | 2.5         |
| 10              | 64QAM      | 25         | 0            | 19.87                      | 19.82                                | 20.32                                 | 20.36                       |                           |             |
| 10              | 64QAM      | 25         | 12           | 19.90                      | 19.77                                | 20.28                                 | 20.30                       |                           |             |
| 10              | 64QAM      | 25         | 25           | 19.86                      | 19.86                                | 20.26                                 | 20.30                       |                           |             |
| 10              | 64QAM      | 50         | 0            | 19.77                      | 19.83                                | 20.26                                 | 20.32                       | 19                        | 4.5         |
| 10              | 256QAM     | 1          | 0            | 17.86                      | 17.87                                | 18.32                                 | 18.26                       |                           |             |
| 10              | 256QAM     | 1          | 25           | 17.76                      | 17.78                                | 18.23                                 | 18.25                       |                           |             |
| 10              | 256QAM     | 1          | 49           | 17.77                      | 17.85                                | 18.35                                 | 18.26                       |                           |             |
| 10              | 256QAM     | 25         | 0            | 17.88                      | 17.80                                | 18.23                                 | 18.20                       | 19                        | 4.5         |
| 10              | 256QAM     | 25         | 12           | 17.81                      | 17.86                                | 18.37                                 | 18.30                       |                           |             |
| 10              | 256QAM     | 25         | 25           | 17.83                      | 17.86                                | 18.28                                 | 18.29                       |                           |             |
| 10              | 256QAM     | 50         | 0            | 17.77                      | 17.81                                | 18.24                                 | 18.24                       |                           |             |
| Channel         |            |            |              | 55265                      | 55810                                | 56170                                 | 56715                       | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |            |              | 3552.5                     | 3607                                 | 3643                                  | 3697.5                      |                           |             |
| 5               | QPSK       | 1          | 0            | 22.39                      | 22.40                                | 22.91                                 | 22.91                       | 23.5                      | 0           |
| 5               | QPSK       | 1          | 12           | 22.32                      | 22.44                                | 22.93                                 | 22.94                       |                           |             |
| 5               | QPSK       | 1          | 24           | 22.37                      | 22.34                                | 22.81                                 | 22.77                       |                           |             |
| 5               | QPSK       | 12         | 0            | 21.80                      | 21.91                                | 22.34                                 | 22.36                       |                           |             |
| 5               | QPSK       | 12         | 7            | 21.88                      | 21.84                                | 22.24                                 | 22.36                       | 23                        | 0.5         |
| 5               | QPSK       | 12         | 13           | 21.89                      | 21.85                                | 22.28                                 | 22.27                       |                           |             |
| 5               | QPSK       | 25         | 0            | 21.77                      | 21.85                                | 22.31                                 | 22.32                       |                           |             |
| 5               | 16QAM      | 1          | 0            | 21.83                      | 21.75                                | 22.30                                 | 22.28                       |                           |             |
| 5               | 16QAM      | 1          | 12           | 21.78                      | 21.80                                | 22.31                                 | 22.25                       | 23                        | 0.5         |
| 5               | 16QAM      | 1          | 24           | 21.86                      | 21.79                                | 22.26                                 | 22.26                       |                           |             |
| 5               | 16QAM      | 12         | 0            | 20.82                      | 20.74                                | 21.26                                 | 21.21                       |                           |             |
| 5               | 16QAM      | 12         | 7            | 20.76                      | 20.72                                | 21.22                                 | 21.27                       |                           |             |
| 5               | 16QAM      | 12         | 13           | 20.81                      | 20.83                                | 21.25                                 | 21.27                       | 22                        | 1.5         |
| 5               | 16QAM      | 25         | 0            | 20.81                      | 20.85                                | 21.30                                 | 21.30                       |                           |             |
| 5               | 64QAM      | 1          | 0            | 20.80                      | 20.87                                | 21.24                                 | 21.27                       |                           |             |
| 5               | 64QAM      | 1          | 12           | 20.77                      | 20.78                                | 21.24                                 | 21.34                       |                           |             |
| 5               | 64QAM      | 1          | 24           | 20.83                      | 20.83                                | 21.31                                 | 21.28                       | 22                        | 1.5         |
| 5               | 64QAM      | 12         | 0            | 19.86                      | 19.90                                | 20.26                                 | 20.29                       |                           |             |
| 5               | 64QAM      | 12         | 7            | 19.86                      | 19.82                                | 20.28                                 | 20.35                       |                           |             |
| 5               | 64QAM      | 12         | 13           | 19.76                      | 19.87                                | 20.21                                 | 20.26                       |                           |             |
| 5               | 64QAM      | 25         | 0            | 19.85                      | 19.83                                | 20.30                                 | 20.31                       | 21                        | 2.5         |
| 5               | 256QAM     | 1          | 0            | 17.87                      | 17.90                                | 18.28                                 | 18.32                       |                           |             |
| 5               | 256QAM     | 1          | 12           | 17.74                      | 17.78                                | 18.26                                 | 18.34                       |                           |             |
| 5               | 256QAM     | 1          | 24           | 17.74                      | 17.71                                | 18.34                                 | 18.35                       |                           |             |
| 5               | 256QAM     | 12         | 0            | 17.87                      | 17.82                                | 18.32                                 | 18.23                       | 19                        | 4.5         |
| 5               | 256QAM     | 12         | 7            | 17.87                      | 17.83                                | 18.30                                 | 18.29                       |                           |             |
| 5               | 256QAM     | 12         | 13           | 17.89                      | 17.87                                | 18.24                                 | 18.19                       |                           |             |
| 5               | 256QAM     | 25         | 0            | 17.74                      | 17.78                                | 18.21                                 | 18.28                       |                           |             |

## Reduced Power Mode for Sensor on

| GSM850_Ant 0    | Burst Average Power (dBm) |       |       | Tune-up<br>Limit<br>(dBm) | Frame Average Power (dBm) |       |       | Tune-up<br>Limit<br>(dBm) |       |
|-----------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|-------|
|                 | TX Channel                | 128   | 189   |                           | 251                       | 128   | 189   |                           | 251   |
| Frequency (MHz) |                           | 824.2 | 836.4 | 848.8                     |                           | 824.2 | 836.4 | 848.8                     |       |
| GSM 1 Tx slot   |                           | 33.14 | 33.36 | 33.27                     | 34.00                     | 24.14 | 24.36 | 24.27                     | 25.00 |
| GPRS 1 Tx slots |                           | 33.12 | 33.38 | 33.22                     | 34.00                     | 24.12 | 24.38 | 24.22                     | 25.00 |
| GPRS 2 Tx slots |                           | 32.00 | 32.27 | 32.11                     | 33.00                     | 20.00 | 20.27 | 20.11                     | 21.00 |
| GPRS 3 Tx slots |                           | 29.66 | 29.93 | 29.80                     | 31.00                     | 25.40 | 25.67 | 25.54                     | 26.74 |
| GPRS 4 Tx slots |                           | 28.35 | 28.61 | 28.53                     | 29.50                     | 25.35 | 25.61 | 25.53                     | 26.50 |
| EDGE 1 Tx slot  |                           | 26.70 | 26.71 | 26.65                     | 27.50                     | 17.70 | 17.71 | 17.65                     | 18.50 |
| EDGE 2 Tx slots |                           | 25.10 | 25.13 | 25.56                     | 26.50                     | 15.10 | 15.13 | 15.56                     | 20.50 |
| EDGE 3 Tx slots |                           | 22.61 | 22.64 | 22.74                     | 24.00                     | 10.35 | 10.38 | 10.48                     | 13.74 |
| EDGE 4 Tx slots |                           | 21.41 | 21.55 | 21.25                     | 23.00                     | 10.41 | 10.55 | 10.25                     | 20.00 |

| GSM1900_Ant 3   | Burst Average Power (dBm) |       |        | Tune-up     | Frame Average Power (dBm) |       |        | Tune-up     |
|-----------------|---------------------------|-------|--------|-------------|---------------------------|-------|--------|-------------|
| Tx Channel      | 512                       | 661   | 810    | Limit (dBm) | 512                       | 661   | 810    | Limit (dBm) |
| Frequency (MHz) | 1850.2                    | 1880  | 1909.8 |             | 1850.2                    | 1880  | 1909.8 |             |
| GSM 1 Tx slot   | 20.52                     | 20.76 | 20.33  | 21.00       | 11.52                     | 11.76 | 11.33  | 12.50       |
| GPRS 1 Tx slot  | 20.69                     | 20.81 | 20.31  | 21.50       | 11.69                     | 11.81 | 11.31  | 12.50       |
| GPRS 2 Tx slots | 19.25                     | 19.71 | 19.17  | 20.50       | 13.25                     | 13.71 | 13.17  | 14.50       |
| GPRS 3 Tx slots | 16.67                     | 17.08 | 16.39  | 18.00       | 12.41                     | 12.82 | 12.13  | 13.74       |
| GPRS 4 Tx slots | 15.31                     | 15.67 | 15.14  | 16.50       | 12.31                     | 12.67 | 12.14  | 13.50       |
| EDGE 1 Tx slot  | 17.19                     | 16.95 | 16.66  | 18.00       | 8.19                      | 7.95  | 7.86   | 9.50        |
| EDGE 2 Tx slots | 15.59                     | 15.86 | 15.52  | 17.00       | 9.59                      | 9.86  | 9.52   | 11.00       |
| EDGE 3 Tx slots | 13.68                     | 13.82 | 13.68  | 15.00       | 9.42                      | 9.56  | 9.42   | 10.74       |
| EDGE 4 Tx slots | 12.33                     | 12.43 | 12.24  | 14.00       | 9.33                      | 9.43  | 9.24   | 11.00       |

| Band                              | WCDMA I_Ant 3 |        |       |        | Tune-up<br>Limit<br>(dBm) | WCDMA IV_Ant 3 |        |        |       | Tune-up<br>Limit<br>(dBm) | WCDMA V_Ant 5 |        |       |  | Tune-up<br>Limit<br>(dBm) |
|-----------------------------------|---------------|--------|-------|--------|---------------------------|----------------|--------|--------|-------|---------------------------|---------------|--------|-------|--|---------------------------|
|                                   | Rx Channel    | 9262   | 9400  | 9538   |                           | 1312           | 1413   | 1513   | 4132  |                           | 4162          | 4233   |       |  |                           |
| Rx Channel                        |               | 9862   | 9900  | 9938   |                           | 1537           | 1638   | 1738   |       | 4357                      | 4407          | 4458   |       |  |                           |
| Frequency (MHz)                   |               | 1552.4 | 1560  | 1567.6 |                           | 1772.4         | 1782.2 | 1792.2 |       | 2267.4                    | 2277.2        | 2287.4 |       |  |                           |
| 3GPP Rel 99 AMR 12.2Kbps          |               | 15.26  | 15.36 | 15.16  | 16.50                     | 13.75          | 13.69  | 13.67  | 15.50 | 23.45                     | 23.55         | 23.47  | 24.50 |  |                           |
| 3GPP Rel 99 RMC 12.2Kbps          |               | 15.33  | 15.37 | 15.24  | 16.50                     | 13.80          | 13.95  | 13.91  | 15.50 | 23.51                     | 23.58         | 23.49  | 24.50 |  |                           |
| 3GPP Rel 6 HSDPA Subtest-1        |               | 14.37  | 14.41 | 14.50  | 15.50                     | 12.77          | 12.84  | 12.79  | 14.50 | 22.58                     | 22.60         | 22.60  | 23.50 |  |                           |
| 3GPP Rel 6 HSDPA Subtest-2        |               | 14.34  | 14.38 | 14.43  | 15.50                     | 12.67          | 12.69  | 12.79  | 14.50 | 22.62                     | 22.61         | 22.56  | 23.50 |  |                           |
| 3GPP Rel 6 HSDPA Subtest-3        |               | 13.90  | 13.99 | 13.98  | 15.00                     | 12.23          | 12.27  | 12.25  | 14.00 | 22.13                     | 22.14         | 22.11  | 23.00 |  |                           |
| 3GPP Rel 6 HSDPA Subtest-4        |               | 13.85  | 13.89 | 13.92  | 15.00                     | 12.46          | 12.39  | 12.44  | 14.00 | 22.10                     | 22.06         | 22.09  | 23.00 |  |                           |
| 3GPP Rel 8 DC-HSDPA Subtest-1     |               | 13.82  | 13.86 | 13.90  | 15.50                     | 12.97          | 12.93  | 13.00  | 14.50 | 22.42                     | 22.32         | 22.39  | 23.50 |  |                           |
| 3GPP Rel 8 DC-HSDPA Subtest-2     |               | 13.88  | 13.90 | 13.90  | 15.50                     | 13.11          | 13.12  | 13.09  | 14.50 | 22.26                     | 22.33         | 22.32  | 23.50 |  |                           |
| 3GPP Rel 8 DC-HSDPA Subtest-3     |               | 13.35  | 13.28 | 13.39  | 15.00                     | 12.59          | 12.61  | 12.57  | 14.00 | 21.90                     | 21.82         | 21.76  | 23.00 |  |                           |
| 3GPP Rel 8 DC-HSDPA Subtest-4     |               | 13.35  | 13.32 | 13.41  | 15.00                     | 12.43          | 12.39  | 12.37  | 14.00 | 21.90                     | 21.81         | 21.86  | 23.00 |  |                           |
| 3GPP Rel 6 HSUPA Subtest-1        |               | 12.39  | 12.31 | 12.40  | 14.00                     | 12.68          | 12.76  | 12.72  | 14.50 | 20.54                     | 20.57         | 20.53  | 22.00 |  |                           |
| 3GPP Rel 6 HSUPA Subtest-2        |               | 12.31  | 12.34 | 12.29  | 13.00                     | 11.85          | 11.85  | 11.84  | 12.50 | 20.56                     | 20.59         | 20.56  | 21.00 |  |                           |
| 3GPP Rel 6 HSUPA Subtest-3        |               | 13.30  | 13.43 | 13.30  | 14.00                     | 12.67          | 12.76  | 12.68  | 13.50 | 21.54                     | 21.61         | 21.56  | 22.00 |  |                           |
| 3GPP Rel 6 HSUPA Subtest-4        |               | 11.61  | 11.61 | 11.61  | 13.00                     | 11.28          | 11.23  | 11.29  | 12.50 | 20.07                     | 20.12         | 20.09  | 21.00 |  |                           |
| 3GPP Rel 6 HSUPA Subtest-5        |               | 13.27  | 13.29 | 13.28  | 15.00                     | 12.61          | 12.62  | 12.64  | 14.50 | 21.50                     | 21.60         | 21.50  | 23.00 |  |                           |
| 3GPP Rel 7 HSPA+ (HSPA) Subtest-1 |               | 12.22  | 12.14 | 12.16  | 13.00                     | 11.58          | 11.53  | 11.58  | 12.00 | 20.58                     | 20.56         | 20.58  | 21.00 |  |                           |

| Band 2_Ant 3    |            |         |           |                     |                      |                     |                    |          |  |  |
|-----------------|------------|---------|-----------|---------------------|----------------------|---------------------|--------------------|----------|--|--|
| BW [MHz]        | Modulation | RF Size | RF Offset | Power Live Co. [mW] | Power Meas. Co. [mW] | Power High Co. [mW] | Time-up time (dBm) | MPR (dB) |  |  |
| Channel         |            |         |           |                     |                      |                     |                    |          |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                     |                    |          |  |  |
| 20              | QPSK       | 1       | 0         | 15.55               | 15.55                | 15.55               |                    |          |  |  |
| 20              | QPSK       | 1       | 40        | 15.54               | 15.51                | 15.33               | 17.5               | 0        |  |  |
| 20              | QPSK       | 1       | 80        | 15.53               | 15.57                | 15.38               |                    |          |  |  |
| 20              | QPSK       | 50      | 0         | 15.53               | 15.53                | 15.33               |                    |          |  |  |
| 20              | QPSK       | 50      | 24        | 15.49               | 15.51                | 15.37               | 17.5               | 0        |  |  |
| 20              | QPSK       | 50      | 48        | 15.48               | 15.53                | 15.34               |                    |          |  |  |
| 20              | 16QAM      | 100     | 0         | 15.48               | 15.53                | 15.34               |                    |          |  |  |
| 20              | 16QAM      | 1       | 0         | 15.35               | 15.55                | 15.35               |                    |          |  |  |
| 20              | 16QAM      | 1       | 40        | 15.35               | 15.49                | 15.29               | 17.5               | 0        |  |  |
| 20              | 16QAM      | 1       | 80        | 15.42               | 15.49                | 15.35               |                    |          |  |  |
| 20              | 16QAM      | 50      | 24        | 15.41               | 15.45                | 15.34               | 17.5               | 0        |  |  |
| 20              | 16QAM      | 50      | 48        | 15.35               | 15.55                | 15.35               |                    |          |  |  |
| 20              | 16QAM      | 100     | 0         | 15.35               | 15.55                | 15.35               |                    |          |  |  |
| 20              | 8QAM       | 1       | 0         | 15.47               | 15.47                | 15.31               |                    |          |  |  |
| 20              | 8QAM       | 1       | 40        | 15.48               | 15.55                | 15.32               | 17.5               | 0        |  |  |
| 20              | 8QAM       | 1       | 80        | 15.48               | 15.55                | 15.32               |                    |          |  |  |
| 20              | 8QAM       | 50      | 24        | 15.42               | 15.45                | 15.31               | 17.5               | 0        |  |  |
| 20              | 8QAM       | 50      | 48        | 15.43               | 15.55                | 15.32               |                    |          |  |  |
| 20              | 8QAM       | 100     | 0         | 15.43               | 15.55                | 15.32               |                    |          |  |  |
| 20              | 256QAM     | 1       | 0         | 15.43               | 15.55                | 15.32               |                    |          |  |  |
| 20              | 256QAM     | 1       | 40        | 15.43               | 15.55                | 15.32               | 17.5               | 0        |  |  |
| 20              | 256QAM     | 1       | 80        | 15.37               | 15.57                | 15.37               |                    |          |  |  |
| 20              | 256QAM     | 50      | 24        | 15.38               | 15.44                | 15.32               | 17.5               | 0        |  |  |
| 20              | 256QAM     | 50      | 48        | 15.38               | 15.44                | 15.32               |                    |          |  |  |
| 20              | 256QAM     | 100     | 0         | 15.44               | 15.49                | 15.32               |                    |          |  |  |
| Channel         |            |         |           |                     |                      |                     |                    |          |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                     |                    |          |  |  |
| 15              | QPSK       | 1       | 0         | 15.53               | 15.51                | 15.33               | 17.5               | 0        |  |  |
| 15              | QPSK       | 1       | 40        | 15.54               | 15.48                | 15.35               |                    |          |  |  |
| 15              | QPSK       | 1       | 80        | 15.52               | 15.52                | 15.43               |                    |          |  |  |
| 15              | QPSK       | 50      | 0         | 15.49               | 15.52                | 15.44               |                    |          |  |  |
| 15              | QPSK       | 50      | 24        | 15.47               | 15.47                | 15.45               | 17.5               | 0        |  |  |
| 15              | QPSK       | 50      | 48        | 15.44               | 15.52                | 15.45               |                    |          |  |  |
| 15              | QPSK       | 100     | 0         | 15.44               | 15.52                | 15.45               |                    |          |  |  |
| 15              | 16QAM      | 1       | 0         | 15.35               | 15.43                | 15.32               | 17.5               | 0        |  |  |
| 15              | 16QAM      | 1       | 40        | 15.37               | 15.41                | 15.37               |                    |          |  |  |
| 15              | 16QAM      | 1       | 80        | 15.43               | 15.41                | 15.31               |                    |          |  |  |
| 15              | 16QAM      | 50      | 24        | 15.43               | 15.52                | 15.41               | 17.5               | 0        |  |  |
| 15              | 16QAM      | 50      | 48        | 15.48               | 15.52                | 15.45               |                    |          |  |  |
| 15              | 16QAM      | 100     | 0         | 15.48               | 15.52                | 15.45               |                    |          |  |  |
| 15              | 8QAM       | 1       | 0         | 15.38               | 15.37                | 15.32               | 17.5               | 0        |  |  |
| 15              | 8QAM       | 1       | 40        | 15.38               | 15.37                | 15.32               |                    |          |  |  |
| 15              | 8QAM       | 1       | 80        | 15.38               | 15.37                | 15.32               |                    |          |  |  |
| 15              | 8QAM       | 50      | 24        | 15.40               | 15.43                | 15.31               | 17.5               | 0        |  |  |
| 15              | 8QAM       | 50      | 48        | 15.43               | 15.52                | 15.45               |                    |          |  |  |
| 15              | 8QAM       | 100     | 0         | 15.43               | 15.52                | 15.45               |                    |          |  |  |
| 15              | 256QAM     | 1       | 0         | 15.38               | 15.38                | 15.45               |                    |          |  |  |
| 15              | 256QAM     | 1       | 40        | 15.43               | 15.44                | 15.41               | 17.5               | 0        |  |  |
| 15              | 256QAM     | 1       | 80        | 15.35               | 15.53                | 15.35               |                    |          |  |  |
| 15              | 256QAM     | 50      | 24        | 15.42               | 15.45                | 15.42               | 17.5               | 0        |  |  |
| 15              | 256QAM     | 50      | 48        | 15.46               | 15.45                | 15.35               |                    |          |  |  |
| 15              | 256QAM     | 100     | 0         | 15.46               | 15.45                | 15.35               |                    |          |  |  |
| 15              | 256QAM     | 1       | 24        | 15.47               | 15.43                | 15.43               |                    |          |  |  |
| 15              | 256QAM     | 1       | 48        | 15.55               | 15.53                | 15.38               |                    |          |  |  |
| 15              | 256QAM     | 50      | 24        | 15.47               | 15.58                | 15.35               | 17.5               | 0        |  |  |
| 15              | 256QAM     | 50      | 48        | 15.38               | 15.58                | 15.35               |                    |          |  |  |
| 15              | 256QAM     | 100     | 0         | 15.37               | 15.58                | 15.35               |                    |          |  |  |
| Channel         |            |         |           |                     |                      |                     |                    |          |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                     |                    |          |  |  |
| 3               | QPSK       | 1       | 0         | 15.57               | 15.51                | 15.38               | 17.5               | 0        |  |  |
| 3               | QPSK       | 1       | 8         | 15.49               | 15.56                | 15.45               |                    |          |  |  |
| 3               | QPSK       | 1       | 16        | 15.43               | 15.50                | 15.53               |                    |          |  |  |
| 3               | QPSK       | 8       | 0         | 15.47               | 15.49                | 15.37               | 17.5               | 0        |  |  |
| 3               | QPSK       | 8       | 8         | 15.46               | 15.49                | 15.41               |                    |          |  |  |
| 3               | QPSK       | 8       | 16        | 15.51               | 15.43                | 15.41               |                    |          |  |  |
| 3               | QPSK       | 15      | 0         | 15.55               | 15.46                | 15.51               |                    |          |  |  |
| 3               | 16QAM      | 1       | 0         | 15.53               | 15.52                | 15.41               | 17.5               | 0        |  |  |
| 3               | 16QAM      | 1       | 8         | 15.35               | 15.34                | 15.38               |                    |          |  |  |
| 3               | 16QAM      | 8       | 16        | 15.37               | 15.42                | 15.44               |                    |          |  |  |
| 3               | 16QAM      | 15      | 0         | 15.37               | 15.52                | 15.41               |                    |          |  |  |
| 3               | 16QAM      | 1       | 0         | 15.37               | 15.52                | 15.41               |                    |          |  |  |
| 3               | 16QAM      | 1       | 8         | 15.37               | 15.52                | 15.41               | 17.5               | 0        |  |  |
| 3               | 16QAM      | 1       | 16        | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 3               | 16QAM      | 8       | 0         | 15.42               | 15.54                | 15.42               |                    |          |  |  |
| 3               | 16QAM      | 8       | 8         | 15.48               | 15.53                | 15.43               |                    |          |  |  |
| 3               | 16QAM      | 8       | 16        | 15.49               | 15.51                | 15.54               |                    |          |  |  |
| 3               | 16QAM      | 15      | 0         | 15.42               | 15.43                | 15.42               |                    |          |  |  |
| 3               | 256QAM     | 1       | 0         | 15.43               | 15.45                | 15.39               | 17.5               | 0        |  |  |
| 3               | 256QAM     | 1       | 8         | 15.42               | 15.50                | 15.52               |                    |          |  |  |
| 3               | 256QAM     | 1       | 16        | 15.36               | 15.42                | 15.48               |                    |          |  |  |
| 3               | 256QAM     | 8       | 0         | 15.57               | 15.47                | 15.47               |                    |          |  |  |
| 3               | 256QAM     | 8       | 8         | 15.46               | 15.47                | 15.38               |                    |          |  |  |
| 3               | 256QAM     | 8       | 16        | 15.41               | 15.53                | 15.37               |                    |          |  |  |
| 3               | 256QAM     | 15      | 0         | 15.44               | 15.34                | 15.42               |                    |          |  |  |
| Channel         |            |         |           |                     |                      |                     |                    |          |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                     |                    |          |  |  |
| 1.4             | QPSK       | 1       | 0         | 15.55               | 15.55                | 15.44               | 17.5               | 0        |  |  |
| 1.4             | QPSK       | 1       | 8         | 15.57               | 15.52                | 15.48               |                    |          |  |  |
| 1.4             | QPSK       | 1       | 16        | 15.52               | 15.54                | 15.46               |                    |          |  |  |
| 1.4             | QPSK       | 8       | 0         | 15.52               | 15.45                | 15.48               | 17.5               | 0        |  |  |
| 1.4             | QPSK       | 8       | 8         | 15.39               | 15.46                | 15.50               |                    |          |  |  |
| 1.4             | QPSK       | 8       | 16        | 15.51               | 15.47                | 15.41               |                    |          |  |  |
| 1.4             | QPSK       | 15      | 0         | 15.44               | 15.51                | 15.44               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.44               | 15.54                | 15.42               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.34               | 15.42                | 15.38               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.32               | 15.46                | 15.43               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.34               | 15.39                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.37               | 15.53                | 15.41               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.34               | 15.35                | 15.33               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.37               | 15.53                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.37               | 15.53                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.37               | 15.53                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.37               | 15.53                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.37               | 15.53                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.37               | 15.53                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.37               | 15.53                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.37               | 15.53                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.37               | 15.53                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.37               | 15.53                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.37               | 15.53                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.37               | 15.53                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16QAM      | 15      | 0         | 15.37               | 15.53                | 15.41               |                    |          |  |  |
| 1.4             | 16QAM      | 1       | 0         | 15.34               | 15.35                | 15.33               | 17.5               | 0        |  |  |
| 1.4             | 16QAM      | 1       | 8         | 15.42               | 15.49                | 15.50               |                    |          |  |  |
| 1.4             | 16QAM      | 8       | 16        | 15.45               | 15.54                | 15.52               |                    |          |  |  |
| 1.4             | 16Q        |         |           |                     |                      |                     |                    |          |  |  |

| Band 12_Ant 0     |            |         |           |                       |                        |                        |                    |          |  |
|-------------------|------------|---------|-----------|-----------------------|------------------------|------------------------|--------------------|----------|--|
| BW [MHz]          | Modulation | RF Size | RF Offset | Power Low Ch. [Freq.] | Power Mids Ch. [Freq.] | Power High Ch. [Freq.] | Time-up Int. (dBm) | MPT (dB) |  |
| Channel           |            |         |           |                       |                        |                        |                    |          |  |
| 23940 23995 24130 |            |         |           |                       |                        |                        |                    |          |  |
| Frequency (MHz)   |            |         |           |                       |                        |                        |                    |          |  |
| 10                | QPSK       | 1       | 0         | 23.94                 | 23.95                  | 23.97                  | 25                 | 0        |  |
| 10                | QPSK       | 1       | 25        | 23.94                 | 23.95                  | 23.97                  |                    |          |  |
| 10                | QPSK       | 1       | 49        | 23.95                 | 23.99                  | 23.99                  |                    |          |  |
| 10                | QPSK       | 25      | 0         | 23.95                 | 23.97                  | 23.99                  |                    |          |  |
| 10                | QPSK       | 25      | 12        | 23.95                 | 23.94                  | 23.94                  | 24                 | 1        |  |
| 10                | QPSK       | 25      | 0         | 23.95                 | 23.94                  | 23.94                  |                    |          |  |
| 10                | QPSK       | 50      | 0         | 23.95                 | 23.97                  | 23.94                  |                    |          |  |
| 10                | 16QAM      | 1       | 0         | 23.94                 | 23.96                  | 23.99                  | 24                 | 1        |  |
| 10                | 16QAM      | 1       | 49        | 23.95                 | 23.99                  | 23.94                  |                    |          |  |
| 10                | 16QAM      | 25      | 0         | 23.95                 | 23.96                  | 23.99                  |                    |          |  |
| 10                | 16QAM      | 25      | 12        | 23.95                 | 23.94                  | 23.95                  | 23                 | 2        |  |
| 10                | 16QAM      | 25      | 0         | 23.95                 | 23.94                  | 23.95                  |                    |          |  |
| 10                | 16QAM      | 1       | 0         | 23.95                 | 23.97                  | 23.96                  | 22                 | 2        |  |
| 10                | 16QAM      | 1       | 49        | 23.95                 | 23.94                  | 23.97                  |                    |          |  |
| 10                | 16QAM      | 25      | 0         | 23.94                 | 23.95                  | 23.95                  |                    |          |  |
| 10                | 16QAM      | 25      | 12        | 23.95                 | 23.94                  | 23.95                  | 22                 | 3        |  |
| 10                | 16QAM      | 50      | 0         | 23.95                 | 23.94                  | 23.95                  |                    |          |  |
| 10                | 25QAM      | 1       | 0         | 18.95                 | 18.98                  | 18.95                  | 20                 | 5        |  |
| 10                | 25QAM      | 1       | 25        | 18.95                 | 18.95                  | 18.95                  |                    |          |  |
| 10                | 25QAM      | 1       | 49        | 18.95                 | 18.98                  | 18.97                  |                    |          |  |
| 10                | 25QAM      | 25      | 0         | 18.95                 | 18.98                  | 18.95                  |                    |          |  |
| 10                | 25QAM      | 25      | 12        | 18.95                 | 18.98                  | 18.95                  | 20                 | 5        |  |
| 10                | 25QAM      | 25      | 0         | 18.97                 | 18.95                  | 18.95                  |                    |          |  |
| 10                | 25QAM      | 50      | 0         | 18.97                 | 18.95                  | 18.97                  |                    |          |  |
| Channel           |            |         |           |                       |                        |                        |                    |          |  |
| 23950 23995 24130 |            |         |           |                       |                        |                        |                    |          |  |
| Frequency (MHz)   |            |         |           |                       |                        |                        |                    |          |  |
| 5                 | QPSK       | 1       | 0         | 23.94                 | 23.94                  | 23.93                  | 25                 | 0        |  |
| 5                 | QPSK       | 1       | 8         | 23.97                 | 23.96                  | 23.97                  |                    |          |  |
| 5                 | QPSK       | 1       | 24        | 23.94                 | 23.94                  | 23.97                  |                    |          |  |
| 5                 | QPSK       | 12      | 7         | 23.95                 | 23.95                  | 23.95                  | 24                 | 1        |  |
| 5                 | QPSK       | 12      | 13        | 23.95                 | 23.94                  | 23.95                  |                    |          |  |
| 5                 | QPSK       | 25      | 0         | 23.95                 | 23.95                  | 23.95                  |                    |          |  |
| 5                 | 16QAM      | 1       | 0         | 23.95                 | 23.93                  | 23.93                  | 24                 | 1        |  |
| 5                 | 16QAM      | 1       | 24        | 23.93                 | 23.94                  | 23.93                  |                    |          |  |
| 5                 | 16QAM      | 12      | 0         | 23.95                 | 23.93                  | 23.93                  | 23                 | 2        |  |
| 5                 | 16QAM      | 12      | 13        | 23.95                 | 23.94                  | 23.95                  |                    |          |  |
| 5                 | 16QAM      | 25      | 0         | 23.95                 | 23.93                  | 23.93                  | 22                 | 3        |  |
| 5                 | 16QAM      | 25      | 12        | 23.95                 | 23.93                  | 23.93                  |                    |          |  |
| 5                 | 16QAM      | 1       | 0         | 23.95                 | 23.93                  | 23.93                  | 23                 | 2        |  |
| 5                 | 16QAM      | 1       | 12        | 23.95                 | 23.93                  | 23.93                  |                    |          |  |
| 5                 | 16QAM      | 12      | 0         | 23.95                 | 23.93                  | 23.93                  | 22                 | 3        |  |
| 5                 | 16QAM      | 12      | 13        | 23.95                 | 23.93                  | 23.93                  |                    |          |  |
| 5                 | 16QAM      | 25      | 0         | 23.95                 | 23.93                  | 23.93                  | 20                 | 5        |  |
| 5                 | 16QAM      | 25      | 12        | 23.95                 | 23.93                  | 23.93                  |                    |          |  |
| 5                 | 25QAM      | 1       | 0         | 18.95                 | 18.98                  | 18.95                  | 20                 | 5        |  |
| 5                 | 25QAM      | 12      | 7         | 18.97                 | 18.95                  | 18.95                  |                    |          |  |
| 5                 | 25QAM      | 12      | 13        | 18.95                 | 18.95                  | 18.95                  |                    |          |  |
| 5                 | 25QAM      | 25      | 0         | 18.97                 | 18.95                  | 18.95                  |                    |          |  |
| Channel           |            |         |           |                       |                        |                        |                    |          |  |
| 23970 23995 24130 |            |         |           |                       |                        |                        |                    |          |  |
| Frequency (MHz)   |            |         |           |                       |                        |                        |                    |          |  |
| 1.4               | QPSK       | 1       | 0         | 23.95                 | 23.95                  | 23.95                  | 25                 | 0        |  |
| 1.4               | QPSK       | 1       | 5         | 23.95                 | 23.95                  | 23.95                  |                    |          |  |
| 1.4               | QPSK       | 1       | 8         | 23.97                 | 23.95                  | 23.95                  |                    |          |  |
| 1.4               | QPSK       | 3       | 0         | 23.95                 | 23.97                  | 23.95                  |                    |          |  |
| 1.4               | QPSK       | 3       | 3         | 23.95                 | 23.95                  | 23.97                  | 24                 | 1        |  |
| 1.4               | QPSK       | 6       | 0         | 23.97                 | 23.95                  | 23.97                  |                    |          |  |
| 1.4               | 16QAM      | 1       | 0         | 23.95                 | 23.95                  | 23.95                  | 24                 | 1        |  |
| 1.4               | 16QAM      | 1       | 3         | 23.95                 | 23.97                  | 23.94                  |                    |          |  |
| 1.4               | 16QAM      | 3       | 1         | 23.95                 | 23.95                  | 23.97                  | 23                 | 2        |  |
| 1.4               | 16QAM      | 3       | 1         | 23.95                 | 23.95                  | 23.95                  |                    |          |  |
| 1.4               | 16QAM      | 6       | 0         | 23.95                 | 23.95                  | 23.97                  | 22                 | 3        |  |
| 1.4               | 16QAM      | 6       | 3         | 23.95                 | 23.95                  | 23.95                  |                    |          |  |
| 1.4               | 16QAM      | 1       | 0         | 18.95                 | 18.95                  | 18.95                  | 20                 | 5        |  |
| 1.4               | 16QAM      | 3       | 1         | 18.95                 | 18.95                  | 18.95                  |                    |          |  |
| 1.4               | 25QAM      | 1       | 0         | 18.95                 | 18.95                  | 18.97                  | 20                 | 5        |  |
| 1.4               | 25QAM      | 3       | 0         | 18.95                 | 18.95                  | 18.95                  |                    |          |  |

| Band 13_Ant 0     |            |         |           |                       |                        |                        |                    |          |  |
|-------------------|------------|---------|-----------|-----------------------|------------------------|------------------------|--------------------|----------|--|
| BW [MHz]          | Modulation | RF Size | RF Offset | Power Low Ch. [Freq.] | Power Mids Ch. [Freq.] | Power High Ch. [Freq.] | Time-up Int. (dBm) | MPT (dB) |  |
| Channel           |            |         |           |                       |                        |                        |                    |          |  |
| 23950             |            |         |           |                       |                        |                        |                    |          |  |
| Frequency (MHz)   |            |         |           |                       |                        |                        |                    |          |  |
| 10                | QPSK       | 1       | 0         | 23.95                 | 23.95                  | 23.95                  | 25                 | 0        |  |
| 10                | QPSK       | 1       | 25        | 23.95                 | 23.95                  | 23.95                  |                    |          |  |
| 10                | QPSK       | 1       | 49        | 23.95                 | 23.95                  | 23.95                  |                    |          |  |
| 10                | QPSK       | 25      | 0         | 23.95                 | 23.95                  | 23.95                  | 24                 | 1        |  |
| 10                | QPSK       | 25      | 12        | 23.95                 | 23.95                  | 23.95                  |                    |          |  |
| 10                | QPSK       | 50      | 0         | 23.95                 | 23.95                  | 23.95                  |                    |          |  |
| 10                | 16QAM      | 1       | 0         | 23.94                 | 23.94                  | 23.94                  | 24                 | 1        |  |
| 10                | 16QAM      | 1       | 25        | 23.95                 | 23.94                  | 23.94                  |                    |          |  |
| 10                | 16QAM      | 1       | 49        | 23.95                 | 23.94                  | 23.94                  |                    |          |  |
| 10                | 16QAM      | 25      | 0         | 23.95                 | 23.94                  | 23.94                  | 23                 | 2        |  |
| 10                | 16QAM      | 25      | 12        | 23.95                 | 23.94                  | 23.94                  |                    |          |  |
| 10                | 16QAM      | 50      | 0         | 23.95                 | 23.94                  | 23.94                  |                    |          |  |
| 10                | 16QAM      | 1       | 0         | 23.95                 | 23.94                  | 23.94                  | 23                 | 2        |  |
| 10                | 16QAM      | 1       | 25        | 23.95                 | 23.94                  | 23.94                  |                    |          |  |
| 10                | 16QAM      | 1       | 49        | 23.95                 | 23.94                  | 23.94                  |                    |          |  |
| 10                | 16QAM      | 25      | 0         | 23.95                 | 23.94                  | 23.94                  | 22                 | 3        |  |
| 10                | 16QAM      | 25      | 12        | 23.95                 | 23.94                  | 23.94                  |                    |          |  |
| 10                | 16QAM      | 50      | 0         | 23.95                 | 23.94                  | 23.94                  |                    |          |  |
| 10                | 16QAM      | 1       | 0         | 18.95                 | 18.95                  | 18.95                  | 20                 | 5        |  |
| 10                | 16QAM      | 1       | 25        | 18.95                 | 18.95                  | 18.95                  |                    |          |  |
| 10                | 16QAM      | 1       | 49        | 18.95                 | 18.95                  | 18.95                  |                    |          |  |
| 10                | 16QAM      | 25      | 0         | 18.97                 | 18.95                  | 18.95                  | 20                 | 5        |  |
| 10                | 16QAM      | 25      | 12        | 18.95                 | 18.95                  | 18.95                  |                    |          |  |
| 10                | 16QAM      | 25      | 0         | 18.97                 | 18.95                  | 18.95                  |                    |          |  |
| 10                | 16QAM      | 50      | 0         | 18.97                 | 18.95                  | 18.95                  |                    |          |  |
| Channel           |            |         |           |                       |                        |                        |                    |          |  |
| 23970 23995 24130 |            |         |           |                       |                        |                        |                    |          |  |
| Frequency (MHz)   |            |         |           |                       |                        |                        |                    |          |  |
| 5                 | QPSK       | 1       | 0         | 23.95                 | 23.95                  | 23.95                  | 25                 | 0        |  |
| 5                 | QPSK       | 1       | 12        | 23.92                 | 23.93                  | 23.93                  |                    |          |  |
| 5                 | QPSK       | 1       | 24        | 23.97                 | 23.95                  | 23.97                  |                    |          |  |
| 5                 | QPSK       | 12      | 7         | 23.95                 | 23.95                  | 23.95                  | 24                 | 1        |  |
| 5                 | QPSK       | 12      | 13        | 23.95                 | 23.95                  | 23.95                  |                    |          |  |
| 5                 | QPSK       | 25      | 0         | 23.95                 | 23.95                  | 23.95                  |                    |          |  |
| 5                 | 16QAM      | 1       | 0         | 23.95                 | 23.93                  | 23.93                  | 24                 | 1        |  |
| 5                 | 16QAM      | 1       | 24        | 23.93                 | 23.92                  | 23.92                  |                    |          |  |
| 5                 | 16QAM      | 12      | 0         | 23.95                 | 23.92                  | 23.92                  | 23                 | 2        |  |
| 5                 | 16QAM      | 12      | 13        | 23.95                 | 23.92                  | 23.92                  |                    |          |  |
| 5                 | 16QAM      | 25      | 0         | 23.95                 | 23.92                  | 23.92                  | 22                 | 3        |  |
| 5                 | 16QAM      | 25      | 12        | 23.95                 | 23.92                  | 23.92                  |                    |          |  |
| 5                 | 16QAM      | 1       | 0         | 23.95                 | 23.92                  | 23.92                  | 23                 | 2        |  |
| 5                 | 16QAM      | 1       | 12        | 23.95                 | 23.92                  | 23.92                  |                    |          |  |
| 5                 | 16QAM      | 12      | 0         | 23.95                 | 23.92                  | 23.92                  | 22                 | 3        |  |
| 5                 | 16QAM      | 12      | 13        | 23.95                 | 23.92                  | 23.92                  |                    |          |  |
| 5                 | 16QAM      | 25      | 0         | 23.95                 | 23.92                  | 23.92                  | 20                 | 5        |  |
| 5                 | 16QAM      | 25      | 12        | 23.95                 | 23.92                  | 23.92                  |                    |          |  |
| 5                 | 25QAM      | 1       | 0         | 18.95                 | 18.97                  | 18.95                  | 20                 | 5        |  |
| 5                 | 25QAM      | 12      | 7         | 18.95                 | 18.97                  | 18.95                  |                    |          |  |
| 5                 | 25QAM      | 12      | 13        | 18.95                 | 18.95                  | 18.95                  |                    |          |  |
| 5                 | 25QAM      | 25      | 0         | 18.97                 | 18.95                  | 18.95                  |                    |          |  |

| Band 17_Ant 0     |            |         |           |                       |                        |                        |                    |          |  |
|-------------------|------------|---------|-----------|-----------------------|------------------------|------------------------|--------------------|----------|--|
| BW [MHz]          | Modulation | RF Size | RF Offset | Power Low Ch. [Freq.] | Power Mids Ch. [Freq.] | Power High Ch. [Freq.] | Time-up Int. (dBm) | MPT (dB) |  |
| Channel           |            |         |           |                       |                        |                        |                    |          |  |
| 23950 23995 24000 |            |         |           |                       |                        |                        |                    |          |  |
| Frequency (MHz)   |            |         |           |                       |                        |                        |                    |          |  |
| 10                | QPSK       | 1       | 0         | 23.95                 | 23.95                  | 23.95                  | 25                 | 0        |  |
| 10                | QPSK       | 1       | 25        | 23.95                 | 23.95                  | 23.95                  |                    |          |  |
| 10                | QPSK       | 1       | 49        | 23.95                 | 23.95                  | 23.94                  |                    |          |  |
| 10                | QPSK       | 25      | 0         | 23.95                 | 23.94                  | 23.94                  | 24                 | 1        |  |
| 10                | QPSK       | 25      | 12        | 23.94                 | 23.99                  | 23.97                  |                    |          |  |
| 10                | QPSK       | 50      | 0         | 23.95                 | 23.94                  | 23.94                  |                    |          |  |
| 10                | 16QAM      | 1       | 0         | 23.97                 | 23.95                  | 23.95                  | 24                 | 1        |  |
| 10                | 16QAM      | 1       | 25        | 23.92                 | 23.92                  | 23.92                  |                    |          |  |
| 10                | 16QAM      | 1       | 49        | 23.94                 | 23.99                  | 23.96                  |                    |          |  |
| 10                | 16QAM      | 25      | 0         | 23.95                 | 23.97                  | 23.95                  | 24                 | 1        |  |
| 10                | 16QAM      | 25      | 12        | 23.94                 | 23.94                  | 23.97                  |                    |          |  |
| 10                | 16QAM      | 50      | 0         | 23.95                 | 23.97                  | 23.95                  |                    |          |  |
| 10                | 16QAM      | 1       | 0         | 18.97                 | 18.95                  | 18.95                  | 23                 | 2        |  |
| 10                | 16QAM      | 1       | 25        | 18.95                 | 18.95                  | 18.95                  |                    |          |  |
| 10                | 16QAM      | 1       | 49        | 18.95                 | 18.95                  | 18.95                  |                    |          |  |
| 10                | 16QAM      | 25      | 0         | 18.97                 | 18.95                  | 18.95                  | 22                 | 3        |  |
| 10                | 16QAM      | 25      | 12        | 18.95                 | 18.95                  | 18.95                  |                    |          |  |
| 10                | 16QAM      | 50      | 0         | 18.97                 | 18.95                  | 18.95                  |                    |          |  |
| 10                | 16QAM      | 1       | 0         | 18.97                 | 18.95                  | 18.95                  | 23                 | 2        |  |
| 10                | 16QAM      | 1       | 49        | 18.95                 | 18.95                  | 18.94                  |                    |          |  |
| 10                | 16QAM      | 25      | 0         | 18.97                 | 18.95                  | 18.95                  | 22                 | 3        |  |
| 10                | 16QAM      | 25      | 12        | 18.95                 | 18.95                  | 18.95                  |                    |          |  |
| 10                | 16QAM      | 50      | 0         | 18.97                 | 18.95                  | 18.95                  |                    |          |  |
| Channel           |            |         |           |                       |                        |                        |                    |          |  |
| 23950 23995 24000 |            |         |           |                       |                        |                        |                    |          |  |
| Frequency (MHz)   |            |         |           |                       |                        |                        |                    |          |  |
| 5                 | QPSK       | 1       | 0         | 23.91                 | 23.98                  | 23.99                  | 23.5               | 0        |  |
| 5                 | QPSK       | 1       | 12        | 23.95                 | 23.93                  | 23.93                  |                    |          |  |
| 5                 | QPSK       | 1       | 25        | 23.95                 | 23.93                  | 23.93                  |                    |          |  |
| 5                 | QPSK       | 12      | 0         | 23.93                 | 23.98                  | 23.98                  | 23.5               | 0        |  |
| 5                 | QPSK       | 12      | 12        | 23.93                 | 23.98                  | 23.98                  |                    |          |  |
| 5                 | QPSK       | 12      | 25        | 23.93                 | 23.98                  | 23.98                  |                    |          |  |
| 5                 | QPSK       | 12      | 11        | 23.95                 | 23.98                  | 23.97                  | 24                 | 1        |  |
| 5                 | QPSK       | 25      | 0         | 23.91                 | 23.91                  | 23.90                  |                    |          |  |
| 5                 | QPSK       | 25      | 12        | 23.91                 | 23.91                  | 23.91                  |                    |          |  |
| 5                 | 16QAM      | 1       | 12        | 23.95                 | 23.93                  | 23.92                  | 24                 | 1        |  |
| 5                 | 16QAM      | 1       | 25        | 23.95                 | 23.93                  | 23.92                  |                    |          |  |
| 5                 | 16QAM      | 12      | 0         | 23.93                 | 23.93                  | 23.92                  |                    |          |  |
| 5                 | 16QAM      | 12      | 12        | 23.93                 | 23.93                  | 23.92                  |                    |          |  |
| 5                 | 16QAM      | 12      | 25        | 23.93                 | 23.93                  | 23.92                  |                    |          |  |
| 5                 | 16QAM      | 12      | 11        | 23.95                 | 23.93                  | 23.92                  | 24                 | 1        |  |
| 5                 | 16QAM      | 25      | 0         | 23.91                 | 23.91                  | 23.90                  |                    |          |  |
| 5                 | 16QAM      | 25      | 12        | 23.91                 | 23.91                  | 23.91                  |                    |          |  |
| 5                 | 16QAM      | 25      | 11        | 23.93                 | 23.93                  | 23.92                  | 24                 | 1        |  |
| 5                 | 16QAM      | 25      | 10        | 23.93                 | 23.93                  | 23.92                  |                    |          |  |
| 5                 | 16QAM      | 25      | 9         | 23.93                 | 23.93                  | 23.93                  | 22                 | 3        |  |
| 5                 | 16QAM      | 1       | 0         | 18.92                 | 18.93                  | 18.92                  |                    |          |  |
| 5                 | 16QAM      | 1       | 12        | 18.94                 | 18.93                  | 18.93                  |                    |          |  |
| 5                 | 16QAM      | 1       | 24        | 18.95                 | 18.93                  | 18.92                  |                    |          |  |
| 5                 | 16QAM      | 12      | 0         | 18.92                 | 18.93                  | 18.93                  | 20                 | 5        |  |
| 5                 | 16QAM      | 12      | 12        | 18.93                 | 18.94                  | 18.94                  |                    |          |  |
| 5                 | 16QAM      | 12      | 25        | 18.93                 | 18.94                  | 18.94                  |                    |          |  |
| 5                 | 16QAM      | 12      | 11        | 18.93                 | 18.94                  | 18.94                  | 20                 | 5        |  |
| 5                 | 16QAM      | 12      | 10        | 18.93                 | 18.94                  | 18.94                  |                    |          |  |

| Band 26(FCC)_Ant 0 |            |         |           |                      |                       |                       |                    |          |  |  |
|--------------------|------------|---------|-----------|----------------------|-----------------------|-----------------------|--------------------|----------|--|--|
| BW [MHz]           | Modulation | RF Size | RF Offset | Power Low Co. [F/mW] | Power Mids Co. [F/mW] | Power High Co. [F/mW] | Time-up Int. (dBm) | MPR (dB) |  |  |
| Channel            |            |         |           |                      |                       |                       |                    |          |  |  |
| Frequency (MHz)    | Channel    | RF Size | RF Offset | Power Low Co. [F/mW] | Power Mids Co. [F/mW] | Power High Co. [F/mW] | Time-up Int. (dBm) | MPR (dB) |  |  |
| 16                 | QPSK       | 1       | 0         | 23.75                | 23.82                 | 23.85                 | 25                 | 0        |  |  |
| 16                 | QPSK       | 1       | 37        | 23.75                | 23.82                 | 23.85                 | 25                 | 0        |  |  |
| 16                 | QPSK       | 1       | 74        | 23.75                | 23.82                 | 23.85                 | 25                 | 0        |  |  |
| 16                 | QPSK       | 36      | 0         | 23.75                | 23.82                 | 23.85                 | 25                 | 0        |  |  |
| 16                 | QPSK       | 36      | 20        | 22.85                | 22.89                 | 22.95                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 36      | 40        | 22.85                | 22.89                 | 22.95                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 75      | 0         | 22.85                | 22.89                 | 22.95                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 75      | 40        | 22.85                | 22.89                 | 22.95                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 1       | 0         | 23.91                | 23.92                 | 23.93                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 1       | 37        | 23.91                | 23.92                 | 23.93                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 1       | 74        | 23.91                | 23.92                 | 23.93                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 36      | 0         | 23.91                | 23.92                 | 23.93                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 36      | 20        | 21.95                | 21.92                 | 21.89                 | 23                 | 2        |  |  |
| 16                 | QPSK       | 36      | 40        | 21.94                | 21.94                 | 21.88                 | 23                 | 2        |  |  |
| 16                 | QPSK       | 75      | 0         | 21.95                | 21.92                 | 21.89                 | 23                 | 2        |  |  |
| 16                 | QPSK       | 75      | 40        | 21.94                | 21.94                 | 21.88                 | 23                 | 2        |  |  |
| 16                 | QPSK       | 1       | 0         | 21.89                | 21.77                 | 21.75                 | 22                 | 3        |  |  |
| 16                 | QPSK       | 1       | 37        | 22.05                | 22.05                 | 22.05                 | 22                 | 3        |  |  |
| 16                 | QPSK       | 1       | 74        | 22.05                | 22.05                 | 22.05                 | 22                 | 3        |  |  |
| 16                 | QPSK       | 36      | 0         | 20.95                | 20.92                 | 20.90                 | 22                 | 3        |  |  |
| 16                 | QPSK       | 36      | 20        | 20.95                | 20.99                 | 20.92                 | 22                 | 3        |  |  |
| 16                 | QPSK       | 36      | 40        | 20.95                | 20.99                 | 20.92                 | 22                 | 3        |  |  |
| 16                 | QPSK       | 75      | 0         | 20.95                | 20.99                 | 20.92                 | 22                 | 3        |  |  |
| 16                 | QPSK       | 75      | 40        | 20.95                | 20.99                 | 20.92                 | 22                 | 3        |  |  |
| 16                 | QPSK       | 1       | 0         | 18.85                | 18.83                 | 18.85                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 1       | 37        | 18.85                | 18.83                 | 18.85                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 1       | 74        | 18.85                | 18.83                 | 18.85                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 36      | 0         | 18.75                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 36      | 20        | 18.75                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 36      | 40        | 18.75                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 75      | 0         | 18.75                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 75      | 40        | 18.75                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| Channel            |            |         |           |                      |                       |                       |                    |          |  |  |
| Frequency (MHz)    | Channel    | RF Size | RF Offset | Power Low Co. [F/mW] | Power Mids Co. [F/mW] | Power High Co. [F/mW] | Time-up Int. (dBm) | MPR (dB) |  |  |
| 16                 | QPSK       | 1       | 0         | 23.85                | 23.89                 | 23.92                 | 25                 | 0        |  |  |
| 16                 | QPSK       | 1       | 37        | 23.85                | 23.89                 | 23.92                 | 25                 | 0        |  |  |
| 16                 | QPSK       | 1       | 74        | 23.85                | 23.89                 | 23.92                 | 25                 | 0        |  |  |
| 16                 | QPSK       | 36      | 0         | 23.85                | 23.89                 | 23.92                 | 25                 | 0        |  |  |
| 16                 | QPSK       | 36      | 20        | 22.85                | 22.89                 | 22.95                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 36      | 40        | 22.85                | 22.89                 | 22.95                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 75      | 0         | 22.85                | 22.89                 | 22.95                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 75      | 40        | 22.85                | 22.89                 | 22.95                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 1       | 0         | 22.85                | 22.82                 | 22.84                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 1       | 37        | 22.85                | 22.82                 | 22.84                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 1       | 74        | 22.85                | 22.82                 | 22.84                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 36      | 0         | 22.85                | 22.82                 | 22.84                 | 24                 | 1        |  |  |
| 16                 | QPSK       | 36      | 20        | 21.85                | 21.77                 | 21.77                 | 23                 | 2        |  |  |
| 16                 | QPSK       | 36      | 40        | 21.85                | 21.77                 | 21.77                 | 23                 | 2        |  |  |
| 16                 | QPSK       | 75      | 0         | 21.85                | 21.77                 | 21.77                 | 23                 | 2        |  |  |
| 16                 | QPSK       | 75      | 40        | 21.85                | 21.77                 | 21.77                 | 23                 | 2        |  |  |
| 16                 | QPSK       | 1       | 0         | 21.87                | 21.84                 | 21.82                 | 23                 | 2        |  |  |
| 16                 | QPSK       | 1       | 37        | 21.86                | 22.10                 | 22.08                 | 23                 | 2        |  |  |
| 16                 | QPSK       | 1       | 74        | 21.87                | 21.83                 | 21.82                 | 23                 | 2        |  |  |
| 16                 | QPSK       | 36      | 0         | 20.85                | 20.78                 | 20.83                 | 22                 | 3        |  |  |
| 16                 | QPSK       | 36      | 20        | 20.85                | 20.82                 | 20.81                 | 22                 | 3        |  |  |
| 16                 | QPSK       | 36      | 40        | 20.85                | 20.82                 | 20.81                 | 22                 | 3        |  |  |
| 16                 | QPSK       | 75      | 0         | 20.85                | 20.82                 | 20.81                 | 22                 | 3        |  |  |
| 16                 | QPSK       | 75      | 40        | 20.85                | 20.82                 | 20.81                 | 22                 | 3        |  |  |
| 16                 | QPSK       | 1       | 0         | 18.85                | 18.86                 | 18.88                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 1       | 37        | 18.85                | 18.86                 | 18.88                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 1       | 74        | 18.85                | 18.86                 | 18.88                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 36      | 0         | 18.75                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 36      | 20        | 18.75                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 36      | 40        | 18.75                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 75      | 0         | 18.75                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 16                 | QPSK       | 75      | 40        | 18.75                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| Channel            |            |         |           |                      |                       |                       |                    |          |  |  |
| Frequency (MHz)    | Channel    | RF Size | RF Offset | Power Low Co. [F/mW] | Power Mids Co. [F/mW] | Power High Co. [F/mW] | Time-up Int. (dBm) | MPR (dB) |  |  |
| 3                  | QPSK       | 1       | 0         | 23.75                | 23.82                 | 23.85                 | 25                 | 0        |  |  |
| 3                  | QPSK       | 1       | 37        | 23.75                | 23.82                 | 23.85                 | 25                 | 0        |  |  |
| 3                  | QPSK       | 1       | 74        | 23.75                | 23.82                 | 23.85                 | 25                 | 0        |  |  |
| 3                  | QPSK       | 36      | 0         | 23.75                | 23.82                 | 23.85                 | 25                 | 0        |  |  |
| 3                  | QPSK       | 36      | 20        | 22.75                | 22.80                 | 22.75                 | 24                 | 1        |  |  |
| 3                  | QPSK       | 36      | 40        | 22.75                | 22.80                 | 22.81                 | 24                 | 1        |  |  |
| 3                  | QPSK       | 75      | 0         | 22.75                | 22.80                 | 22.81                 | 24                 | 1        |  |  |
| 3                  | QPSK       | 75      | 40        | 22.75                | 22.80                 | 22.81                 | 24                 | 1        |  |  |
| 3                  | QPSK       | 1       | 0         | 23.07                | 23.07                 | 23.07                 | 24                 | 1        |  |  |
| 3                  | QPSK       | 1       | 37        | 23.07                | 23.07                 | 23.07                 | 24                 | 1        |  |  |
| 3                  | QPSK       | 1       | 74        | 23.07                | 23.07                 | 23.07                 | 24                 | 1        |  |  |
| 3                  | QPSK       | 36      | 0         | 23.07                | 23.07                 | 23.07                 | 24                 | 1        |  |  |
| 3                  | QPSK       | 36      | 20        | 21.07                | 21.07                 | 21.07                 | 23                 | 2        |  |  |
| 3                  | QPSK       | 36      | 40        | 21.07                | 21.07                 | 21.07                 | 23                 | 2        |  |  |
| 3                  | QPSK       | 75      | 0         | 21.07                | 21.07                 | 21.07                 | 23                 | 2        |  |  |
| 3                  | QPSK       | 75      | 40        | 21.07                | 21.07                 | 21.07                 | 23                 | 2        |  |  |
| 3                  | QPSK       | 1       | 0         | 21.07                | 21.07                 | 21.07                 | 23                 | 2        |  |  |
| 3                  | QPSK       | 1       | 37        | 21.07                | 21.07                 | 21.07                 | 23                 | 2        |  |  |
| 3                  | QPSK       | 1       | 74        | 21.07                | 21.07                 | 21.07                 | 23                 | 2        |  |  |
| 3                  | QPSK       | 36      | 0         | 21.07                | 21.07                 | 21.07                 | 23                 | 2        |  |  |
| 3                  | QPSK       | 36      | 20        | 19.07                | 19.07                 | 19.07                 | 22                 | 3        |  |  |
| 3                  | QPSK       | 36      | 40        | 19.07                | 19.07                 | 19.07                 | 22                 | 3        |  |  |
| 3                  | QPSK       | 75      | 0         | 19.07                | 19.07                 | 19.07                 | 22                 | 3        |  |  |
| 3                  | QPSK       | 75      | 40        | 19.07                | 19.07                 | 19.07                 | 22                 | 3        |  |  |
| 3                  | QPSK       | 1       | 0         | 17.07                | 17.07                 | 17.07                 | 20                 | 5        |  |  |
| 3                  | QPSK       | 1       | 37        | 17.07                | 17.07                 | 17.07                 | 20                 | 5        |  |  |
| 3                  | QPSK       | 1       | 74        | 17.07                | 17.07                 | 17.07                 | 20                 | 5        |  |  |
| 3                  | QPSK       | 36      | 0         | 16.85                | 16.85                 | 16.85                 | 20                 | 5        |  |  |
| 3                  | QPSK       | 36      | 20        | 16.85                | 16.85                 | 16.85                 | 20                 | 5        |  |  |
| 3                  | QPSK       | 36      | 40        | 16.85                | 16.85                 | 16.85                 | 20                 | 5        |  |  |
| 3                  | QPSK       | 75      | 0         | 16.85                | 16.85                 | 16.85                 | 20                 | 5        |  |  |
| 3                  | QPSK       | 75      | 40        | 16.85                | 16.85                 | 16.85                 | 20                 | 5        |  |  |
| Channel            |            |         |           |                      |                       |                       |                    |          |  |  |
| Frequency (MHz)    | Channel    | RF Size | RF Offset | Power Low Co. [F/mW] | Power Mids Co. [F/mW] | Power High Co. [F/mW] | Time-up Int. (dBm) | MPR (dB) |  |  |
| 1.4                | QPSK       | 1       | 0         | 23.75                | 23.82                 | 23.85                 | 25                 | 0        |  |  |
| 1.4                | QPSK       | 1       | 37        | 23.75                | 23.82                 | 23.85                 | 25                 | 0        |  |  |
| 1.4                | QPSK       | 1       | 74        | 23.75                | 23.82                 | 23.85                 | 25                 | 0        |  |  |
| 1.4                | QPSK       | 36      | 0         | 23.75                | 23.82                 | 23.85                 | 25                 | 0        |  |  |
| 1.4                | QPSK       | 36      | 20        | 22.85                | 22.84                 | 22.85                 | 24                 | 1        |  |  |
| 1.4                | QPSK       | 36      | 40        | 22.85                | 22.84                 | 22.85                 | 24                 | 1        |  |  |
| 1.4                | QPSK       | 75      | 0         | 22.85                | 22.84                 | 22.85                 | 24                 | 1        |  |  |
| 1.4                | QPSK       | 75      | 40        | 22.85                | 22.84                 | 22.85                 | 24                 | 1        |  |  |
| 1.4                | QPSK       | 1       | 0         | 22.85                | 22.82                 | 22.84                 | 24                 | 1        |  |  |
| 1.4                | QPSK       | 1       | 37        | 22.85                | 22.82                 | 22.84                 | 24                 | 1        |  |  |
| 1.4                | QPSK       | 1       | 74        | 22.85                | 22.82                 | 22.84                 | 24                 | 1        |  |  |
| 1.4                | QPSK       | 36      | 0         | 22.85                | 22.82                 | 22.84                 | 24                 | 1        |  |  |
| 1.4                | QPSK       | 36      | 20        | 21.85                | 21.82                 | 21.85                 | 23                 | 2        |  |  |
| 1.4                | QPSK       | 36      | 40        | 21.85                | 21.82                 | 21.85                 | 23                 | 2        |  |  |
| 1.4                | QPSK       | 75      | 0         | 21.85                | 21.82                 | 21.85                 | 23                 | 2        |  |  |
| 1.4                | QPSK       | 75      | 40        | 21.85                | 21.82                 | 21.85                 | 23                 | 2        |  |  |
| 1.4                | QPSK       | 1       | 0         | 21.85                | 21.82                 | 21.85                 | 23                 | 2        |  |  |
| 1.4                | QPSK       | 1       | 37        | 21.85                | 21.82                 | 21.85                 | 23                 | 2        |  |  |
| 1.4                | QPSK       | 1       | 74        | 21.85                | 21.82                 | 21.85                 | 23                 | 2        |  |  |
| 1.4                | QPSK       | 36      | 0         | 21.85                | 21.82                 | 21.85                 | 23                 | 2        |  |  |
| 1.4                | QPSK       | 36      | 20        | 19.85                | 19.85                 | 19.85                 | 22                 | 3        |  |  |
| 1.4                | QPSK       | 36      | 40        | 19.85                | 19.85                 | 19.85                 | 22                 | 3        |  |  |
| 1.4                | QPSK       | 75      | 0         | 19.85                | 19.85                 | 19.85                 | 22                 | 3        |  |  |
| 1.4                | QPSK       | 75      | 40        | 19.85                | 19.85                 | 19.85                 | 22                 | 3        |  |  |
| 1.4                | QPSK       | 1       | 0         | 18.75                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 1.4                | QPSK       | 1       | 37        | 18.75                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 1.4                | QPSK       | 1       | 74        | 18.75                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 1.4                | QPSK       | 36      | 0         | 18.65                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 1.4                | QPSK       | 36      | 20        | 18.65                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 1.4                | QPSK       | 36      | 40        | 18.65                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 1.4                | QPSK       | 75      | 0         | 18.65                | 18.85                 | 18.85                 | 20                 | 5        |  |  |
| 1.4                | QPSK       | 75      | 40        | 18.65                | 18.85                 | 18.85                 | 20                 | 5        |  |  |

| Band 30_Ant 3   |            |         |           |                      |                       |                       |                    |          |  |
|-----------------|------------|---------|-----------|----------------------|-----------------------|-----------------------|--------------------|----------|--|
| BW [MHz]        | Modulation | RF Size | RF Offset | Power Low Co. [F/mW] | Power Mids Co. [F/mW] | Power High Co. [F/mW] | Time-up Int. (dBm) | MPR (dB) |  |
| Channel         |            |         |           |                      |                       |                       |                    |          |  |
| Frequency (MHz) |            |         |           | 27756                | 27756                 | 27756                 |                    |          |  |
| 16              | QPSK       | 1       | 0         | 13.37                | 13.37                 | 13.37                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 25        | 13.37                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 49        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 25        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 0         | 13.37                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 12        | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 25        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 0         | 13.46                | 13.46                 | 13.46                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 25        | 13.39                | 13.39                 | 13.39                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 49        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 0         | 13.46                | 13.46                 | 13.46                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 25        | 13.39                | 13.39                 | 13.39                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 49        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 0         | 13.46                | 13.46                 | 13.46                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 25        | 13.39                | 13.39                 | 13.39                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 49        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 0         | 13.46                | 13.46                 | 13.46                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 25        | 13.39                | 13.39                 | 13.39                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 49        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 0         | 13.46                | 13.46                 | 13.46                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 25        | 13.39                | 13.39                 | 13.39                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 49        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 0         | 13.46                | 13.46                 | 13.46                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 25        | 13.39                | 13.39                 | 13.39                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 49        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 0         | 13.46                | 13.46                 | 13.46                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 25        | 13.39                | 13.39                 | 13.39                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 49        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 0         | 13.46                | 13.46                 | 13.46                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 25        | 13.39                | 13.39                 | 13.39                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 49        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 0         | 13.46                | 13.46                 | 13.46                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 25        | 13.39                | 13.39                 | 13.39                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 49        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 0         | 13.46                | 13.46                 | 13.46                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 25        | 13.39                | 13.39                 | 13.39                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 49        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 0         | 13.46                | 13.46                 | 13.46                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 25        | 13.39                | 13.39                 | 13.39                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 49        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 75      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 0         | 13.46                | 13.46                 | 13.46                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 25        | 13.39                | 13.39                 | 13.39                 | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 49        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 0         | 13.37                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 12        | 13.42                | 13.42                 | 13.42                 | 14.5               | 0        |  |
| 16              | QPSK       | 25      | 25        | 13.38                | 13.38                 | 13.38                 | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 0         | 13.37                | 13.38                 | 13.38                 | 1                  |          |  |

| Band 48_Ant 4   |                 |            |              |                         |                                   |                                    |                          |                           |             |   |  |
|-----------------|-----------------|------------|--------------|-------------------------|-----------------------------------|------------------------------------|--------------------------|---------------------------|-------------|---|--|
| BW<br>[MHz]     | Modulation<br>n | RB<br>Size | RB<br>Offset | Power Low<br>Ch. / Freq | Power Low<br>Middle<br>Ch. / Freq | Power High<br>Middle<br>Ch. / Freq | Power High<br>Ch. / Freq | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |   |  |
| Channel         |                 |            |              | 55340                   | 55830                             | 56150                              | 56640                    | 18.5                      | 0           |   |  |
| Frequency (MHz) |                 |            |              | 3560                    | 3609                              | 3641                               | 3690                     |                           |             |   |  |
| 20              | QPSK            | 1          | 0            | 17.34                   | 17.57                             | 17.69                              | 17.87                    | 18.5                      | 0           |   |  |
| 20              | QPSK            | 1          | 49           | 17.31                   | 17.52                             | 17.66                              | 17.90                    |                           |             |   |  |
| 20              | QPSK            | 1          | 99           | 17.33                   | 17.51                             | 17.67                              | 17.92                    |                           |             |   |  |
| 20              | QPSK            | 50         | 0            | 17.32                   | 17.50                             | 17.62                              | 17.90                    |                           |             |   |  |
| 20              | QPSK            | 50         | 24           | 17.22                   | 17.45                             | 17.80                              | 17.85                    | 18.5                      | 0           |   |  |
| 20              | QPSK            | 50         | 50           | 17.29                   | 17.47                             | 17.82                              | 17.88                    |                           |             |   |  |
| 20              | QPSK            | 100        | 0            | 17.30                   | 17.47                             | 17.61                              | 17.89                    |                           |             |   |  |
| 20              | 16QAM           | 1          | 0            | 17.22                   | 17.45                             | 17.82                              | 17.89                    |                           | 18.5        |   |  |
| 20              | 16QAM           | 1          | 49           | 17.30                   | 17.43                             | 17.82                              | 17.86                    |                           |             |   |  |
| 20              | 16QAM           | 1          | 99           | 17.26                   | 17.44                             | 17.81                              | 17.89                    |                           |             |   |  |
| 20              | 16QAM           | 50         | 0            | 17.30                   | 17.48                             | 17.83                              | 17.83                    |                           |             |   |  |
| 20              | 16QAM           | 50         | 24           | 17.22                   | 17.40                             | 17.78                              | 17.82                    | 18.5                      | 0           |   |  |
| 20              | 16QAM           | 50         | 50           | 17.23                   | 17.47                             | 17.82                              | 17.89                    |                           |             |   |  |
| 20              | 16QAM           | 100        | 0            | 17.24                   | 17.42                             | 17.77                              | 17.85                    |                           |             |   |  |
| 20              | 64QAM           | 1          | 0            | 17.23                   | 17.48                             | 17.86                              | 17.88                    |                           | 18.5        |   |  |
| 20              | 64QAM           | 1          | 49           | 17.31                   | 17.46                             | 17.81                              | 17.85                    |                           |             |   |  |
| 20              | 64QAM           | 1          | 99           | 17.25                   | 17.41                             | 17.86                              | 17.89                    |                           |             |   |  |
| 20              | 64QAM           | 50         | 0            | 17.26                   | 17.42                             | 17.78                              | 17.88                    |                           |             |   |  |
| 20              | 64QAM           | 50         | 24           | 17.25                   | 17.47                             | 17.85                              | 17.86                    | 18.5                      | 0           |   |  |
| 20              | 64QAM           | 50         | 50           | 17.30                   | 17.48                             | 17.84                              | 17.88                    |                           |             |   |  |
| 20              | 64QAM           | 100        | 0            | 17.23                   | 17.47                             | 17.81                              | 17.86                    |                           |             |   |  |
| 20              | 256QAM          | 1          | 0            | 17.27                   | 17.48                             | 17.85                              | 17.84                    |                           | 18.5        |   |  |
| 20              | 256QAM          | 1          | 49           | 17.23                   | 17.41                             | 17.81                              | 17.82                    |                           |             |   |  |
| 20              | 256QAM          | 1          | 99           | 17.31                   | 17.40                             | 17.81                              | 17.83                    |                           |             |   |  |
| 20              | 256QAM          | 50         | 0            | 17.23                   | 17.47                             | 17.81                              | 17.86                    |                           |             |   |  |
| 20              | 256QAM          | 50         | 24           | 17.31                   | 17.42                             | 17.80                              | 17.82                    | 18.5                      | 0           |   |  |
| 20              | 256QAM          | 50         | 50           | 17.29                   | 17.40                             | 17.86                              | 17.89                    |                           |             |   |  |
| 20              | 256QAM          | 100        | 0            | 17.25                   | 17.45                             | 17.86                              | 17.82                    |                           |             |   |  |
| Channel         |                 |            |              | 55315                   | 55820                             | 56160                              | 56665                    | 18.5                      | 0           |   |  |
| Frequency (MHz) |                 |            |              | 3557.5                  | 3608                              | 3642                               | 3692.5                   |                           |             |   |  |
| 15              | QPSK            | 1          | 0            | 17.57                   | 17.54                             | 17.97                              | 17.90                    | 18.5                      | 0           |   |  |
| 15              | QPSK            | 1          | 37           | 17.44                   | 17.57                             | 17.71                              | 17.76                    |                           |             |   |  |
| 15              | QPSK            | 1          | 74           | 17.43                   | 17.45                             | 17.84                              | 17.73                    |                           |             |   |  |
| 15              | QPSK            | 36         | 0            | 17.49                   | 17.47                             | 17.81                              | 17.81                    |                           |             |   |  |
| 15              | QPSK            | 36         | 20           | 17.41                   | 17.42                             | 17.78                              | 17.79                    | 18.5                      | 0           |   |  |
| 15              | QPSK            | 36         | 39           | 17.42                   | 17.46                             | 17.67                              | 17.70                    |                           |             |   |  |
| 15              | QPSK            | 75         | 0            | 17.41                   | 17.38                             | 17.80                              | 17.80                    |                           |             |   |  |
| 15              | 16QAM           | 1          | 0            | 17.42                   | 17.33                             | 17.69                              | 17.80                    |                           | 18.5        |   |  |
| 15              | 16QAM           | 1          | 37           | 17.42                   | 17.48                             | 17.76                              | 17.72                    |                           |             |   |  |
| 15              | 16QAM           | 1          | 74           | 17.39                   | 17.37                             | 17.80                              | 17.68                    |                           |             |   |  |
| 15              | 16QAM           | 36         | 0            | 17.47                   | 17.37                             | 17.73                              | 17.78                    |                           | 18.5        |   |  |
| 15              | 16QAM           | 36         | 20           | 17.43                   | 17.39                             | 17.75                              | 17.66                    |                           |             |   |  |
| 15              | 16QAM           | 36         | 39           | 17.43                   | 17.37                             | 17.69                              | 17.74                    |                           |             |   |  |
| 15              | 16QAM           | 75         | 0            | 17.45                   | 17.44                             | 17.75                              | 17.75                    |                           | 18.5        |   |  |
| 15              | 64QAM           | 1          | 0            | 17.42                   | 17.52                             | 17.77                              | 17.74                    |                           |             |   |  |
| 15              | 64QAM           | 1          | 37           | 17.47                   | 17.46                             | 17.68                              | 17.75                    |                           |             |   |  |
| 15              | 64QAM           | 1          | 74           | 17.44                   | 17.39                             | 17.84                              | 17.74                    |                           | 18.5        |   |  |
| 15              | 64QAM           | 36         | 0            | 17.34                   | 17.42                             | 17.67                              | 17.71                    |                           |             |   |  |
| 15              | 64QAM           | 36         | 20           | 17.44                   | 17.50                             | 17.81                              | 17.76                    |                           |             |   |  |
| 15              | 64QAM           | 36         | 39           | 17.48                   | 17.52                             | 17.70                              | 17.83                    |                           | 18.5        |   |  |
| 15              | 64QAM           | 75         | 0            | 17.40                   | 17.37                             | 17.74                              | 17.69                    |                           |             |   |  |
| 15              | 256QAM          | 1          | 0            | 17.41                   | 17.47                             | 17.75                              | 17.84                    |                           |             |   |  |
| 15              | 256QAM          | 1          | 37           | 17.46                   | 17.46                             | 17.67                              | 17.67                    |                           | 18.5        |   |  |
| 15              | 256QAM          | 1          | 74           | 17.41                   | 17.41                             | 17.80                              | 17.75                    |                           |             |   |  |
| 15              | 256QAM          | 36         | 0            | 17.48                   | 17.48                             | 17.80                              | 17.72                    |                           |             |   |  |
| 15              | 256QAM          | 36         | 20           | 17.35                   | 17.33                             | 17.67                              | 17.72                    |                           | 18.5        | 0 |  |
| 15              | 256QAM          | 36         | 39           | 17.42                   | 17.38                             | 17.72                              | 17.82                    |                           |             |   |  |
| 15              | 256QAM          | 75         | 0            | 17.41                   | 17.44                             | 17.75                              | 17.77                    |                           |             |   |  |
| Channel         |                 |            |              | 55290                   | 55815                             | 56165                              | 56690                    | 18.5                      | 0           |   |  |
| Frequency (MHz) |                 |            |              | 3555                    | 3607.5                            | 3642.5                             | 3695                     |                           |             |   |  |
| 10              | QPSK            | 1          | 0            | 17.55                   | 17.46                             | 17.81                              | 17.87                    | 18.5                      | 0           |   |  |
| 10              | QPSK            | 1          | 25           | 17.49                   | 17.56                             | 17.84                              | 17.75                    |                           |             |   |  |
| 10              | QPSK            | 1          | 49           | 17.44                   | 17.52                             | 17.74                              | 17.73                    |                           |             |   |  |
| 10              | QPSK            | 25         | 0            | 17.55                   | 17.50                             | 17.81                              | 17.83                    |                           | 18.5        |   |  |
| 10              | QPSK            | 25         | 12           | 17.37                   | 17.41                             | 17.74                              | 17.76                    |                           |             |   |  |
| 10              | QPSK            | 25         | 25           | 17.37                   | 17.37                             | 17.77                              | 17.74                    |                           |             |   |  |
| 10              | QPSK            | 50         | 0            | 17.42                   | 17.37                             | 17.84                              | 17.79                    |                           | 18.5        |   |  |
| 10              | 16QAM           | 1          | 0            | 17.45                   | 17.32                             | 17.76                              | 17.80                    |                           |             |   |  |
| 10              | 16QAM           | 1          | 25           | 17.47                   | 17.51                             | 17.68                              | 17.77                    |                           |             |   |  |
| 10              | 16QAM           | 1          | 49           | 17.44                   | 17.38                             | 17.75                              | 17.77                    |                           | 18.5        |   |  |
| 10              | 16QAM           | 25         | 0            | 17.36                   | 17.48                             | 17.76                              | 17.71                    |                           |             |   |  |
| 10              | 16QAM           | 25         | 12           | 17.45                   | 17.40                             | 17.65                              | 17.69                    |                           |             |   |  |
| 10              | 16QAM           | 25         | 25           | 17.45                   | 17.40                             | 17.79                              | 17.71                    |                           | 18.5        |   |  |
| 10              | 16QAM           | 50         | 0            | 17.45                   | 17.43                             | 17.75                              | 17.71                    |                           |             |   |  |
| 10              | 64QAM           | 1          | 0            | 17.51                   | 17.41                             | 17.71                              | 17.85                    |                           |             |   |  |
| 10              | 64QAM           | 1          | 25           | 17.54                   | 17.45                             | 17.78                              | 17.68                    |                           | 18.5        |   |  |
| 10              | 64QAM           | 1          | 49           | 17.40                   | 17.44                             | 17.75                              | 17.72                    |                           |             |   |  |
| 10              | 64QAM           | 25         | 0            | 17.35                   | 17.39                             | 17.65                              | 17.77                    |                           |             |   |  |
| 10              | 64QAM           | 25         | 12           | 17.51                   | 17.39                             | 17.71                              | 17.76                    | 18.5                      | 0           |   |  |
| 10              | 64QAM           | 25         | 25           | 17.40                   | 17.50                             | 17.70                              | 17.78                    |                           |             |   |  |
| 10              | 64QAM           | 50         | 0            | 17.40                   | 17.35                             | 17.72                              | 17.75                    |                           |             |   |  |
| 10              | 256QAM          | 1          | 0            | 17.39                   | 17.51                             | 17.82                              | 17.74                    |                           | 18.5        |   |  |
| 10              | 256QAM          | 1          | 25           | 17.39                   | 17.39                             | 17.69                              | 17.80                    |                           |             |   |  |
| 10              | 256QAM          | 1          | 49           | 17.35                   | 17.39                             | 17.75                              | 17.74                    |                           |             |   |  |
| 10              | 256QAM          | 25         | 0            | 17.52                   | 17.52                             | 17.75                              | 17.66                    |                           | 18.5        |   |  |
| 10              | 256QAM          | 25         | 12           | 17.32                   | 17.41                             | 17.69                              | 17.66                    |                           |             |   |  |
| 10              | 256QAM          | 25         | 25           | 17.34                   | 17.43                             | 17.75                              | 17.71                    |                           |             |   |  |
| 10              | 256QAM          | 50         | 0            | 17.49                   | 17.37                             | 17.80                              | 17.82                    |                           | 18.5        |   |  |
| Channel         |                 |            |              | 55265                   | 55810                             | 56170                              | 56715                    |                           |             |   |  |
| Frequency (MHz) |                 |            |              | 3552.5                  | 3607                              | 3643                               | 3697.5                   |                           |             |   |  |
| 5               | QPSK            | 1          | 0            | 17.58                   | 17.46                             | 17.85                              | 17.93                    | 18.5                      | 0           |   |  |
| 5               | QPSK            | 1          | 12           | 17.51                   | 17.56                             | 17.83                              | 17.83                    |                           |             |   |  |
| 5               | QPSK            | 1          | 24           | 17.55                   | 17.56                             | 17.83                              | 17.84                    |                           |             |   |  |
| 5               | QPSK            | 12         | 0            | 17.47                   | 17.48                             | 17.82                              | 17.77                    |                           | 18.5        |   |  |
| 5               | QPSK            | 12         | 7            | 17.36                   | 17.44                             | 17.73                              | 17.67                    |                           |             |   |  |
| 5               | QPSK            | 12         | 13           | 17.40                   | 17.50                             | 17.68                              | 17.78                    |                           |             |   |  |
| 5               | QPSK            | 25         | 0            | 17.37                   | 17.41                             | 17.76                              | 17.86                    | 18.5                      | 0           |   |  |
| 5               | 16QAM           | 1          | 0            | 17.43                   | 17.39                             | 17.67                              | 17.74                    |                           |             |   |  |
| 5               | 16QAM           | 1          | 12           | 17.45                   | 17.50                             | 17.76                              | 17.74                    |                           |             |   |  |
| 5               | 16QAM           | 1          | 24           | 17.42                   | 17.44                             | 17.78                              | 17.66                    |                           | 18.5        |   |  |
| 5               | 16QAM           | 12         | 0            | 17.36                   | 17.36                             | 17.71                              | 17.72                    |                           |             |   |  |
| 5               | 16QAM           | 12         | 7            | 17.38                   | 17.45                             | 17.66                              | 17.69                    |                           |             |   |  |
| 5               | 16QAM           | 12         | 13           | 17.46                   | 17.44                             | 17.79                              | 17.75                    |                           | 18.5        |   |  |
| 5               | 16QAM           | 25         | 0            | 17.44                   | 17.46                             | 17.71                              | 17.65                    |                           |             |   |  |
| 5               | 64QAM           | 1          | 0            | 17.47                   | 17.42                             | 17.73                              | 17.84                    |                           |             |   |  |
| 5               | 64QAM           | 1          | 12           | 17.45                   | 17.43                             | 17.67                              | 17.71                    | 18.5                      | 0           |   |  |
| 5               | 64QAM           | 1          | 24           | 17.41                   | 17.35                             | 17.74                              | 17.83                    |                           |             |   |  |
| 5               | 64QAM           | 12         | 0            | 17.45                   | 17.32                             | 17.67                              | 17.73                    |                           |             |   |  |
| 5               | 64QAM           | 12         | 7            | 17.49                   | 17.48                             | 17.79                              | 17.74                    |                           | 18.5        |   |  |
| 5               | 64QAM           | 12         | 13           | 17.44                   | 17.47                             | 17.77                              | 17.77                    |                           |             |   |  |
| 5               | 256QAM          | 1          | 0            | 17.51                   | 17.41                             | 17.71                              | 17.74                    |                           |             |   |  |
| 5               | 256QAM          | 1          | 12           | 17.43                   | 17.47                             | 17.74                              | 17.74                    | 18.5                      | 0           |   |  |
| 5               | 256QAM          | 1          | 24           | 17.47                   | 17.47                             | 17.72                              | 17.71                    |                           |             |   |  |
| 5               | 256QAM          | 12         | 0            | 17.43                   | 17.48                             | 17.71                              | 17.76                    |                           |             |   |  |
| 5               | 256QAM          | 12         | 12           | 17.36                   | 17.36                             | 17.67                              | 17.75                    |                           | 18.5        |   |  |
| 5               | 256QAM          | 12         | 13           | 17.35                   | 17.39                             | 17.62                              | 17.72                    |                           |             |   |  |
| 5               | 256QAM          | 25         | 0            | 17.44                   | 17.39                             | 17.83                              | 17.73                    |                           |             |   |  |

## Reduced Power Mode for Hotspot on

| GSM850_Ant 0    |  |  |  | Burst Average Power (dBm) |       |       |       | Tune-up |       |       |       | Frame Average Power (dBm) |       |       |       | Tune-up |       |       |       |
|-----------------|--|--|--|---------------------------|-------|-------|-------|---------|-------|-------|-------|---------------------------|-------|-------|-------|---------|-------|-------|-------|
| TX Channel      |  |  |  | 128                       |       |       |       | Limit   |       |       |       | 128                       |       |       |       | Limit   |       |       |       |
| Frequency (MHz) |  |  |  | 824.2                     |       |       |       | (dBm)   |       |       |       | 824.2                     |       |       |       | (dBm)   |       |       |       |
| GSM 1 Tx slot   |  |  |  | 33.14                     | 33.36 | 33.27 | 34.00 | 24.14   | 24.36 | 24.27 | 25.00 | 24.14                     | 24.36 | 24.27 | 25.00 | 24.14   | 24.36 | 24.27 | 25.00 |
| GPRS 1 Tx slots |  |  |  | 33.12                     | 33.36 | 33.22 | 34.00 | 24.12   | 24.36 | 24.22 | 25.00 | 24.12                     | 24.36 | 24.22 | 25.00 | 24.12   | 24.36 | 24.22 | 25.00 |
| GPRS 2 Tx slots |  |  |  | 32.00                     | 32.27 | 32.11 | 33.00 | 20.00   | 20.27 | 20.11 | 21.00 | 20.00                     | 20.27 | 20.11 | 21.00 | 20.00   | 20.27 | 20.11 | 21.00 |
| GPRS 3 Tx slots |  |  |  | 29.06                     | 29.93 | 29.80 | 31.00 | 25.40   | 25.67 | 25.54 | 26.74 | 25.40                     | 25.67 | 25.54 | 26.74 | 25.40   | 25.67 | 25.54 | 26.74 |
| GPRS 4 Tx slots |  |  |  | 28.35                     | 28.61 | 28.53 | 29.50 | 25.35   | 25.61 | 25.53 | 26.50 | 25.35                     | 25.61 | 25.53 | 26.50 | 25.35   | 25.61 | 25.53 | 26.50 |
| EDGE 1 Tx slot  |  |  |  | 26.70                     | 26.71 | 26.65 | 27.50 | 17.70   | 17.71 | 17.65 | 18.50 | 17.70                     | 17.71 | 17.65 | 18.50 | 17.70   | 17.71 | 17.65 | 18.50 |
| EDGE 2 Tx slots |  |  |  | 25.10                     | 25.13 | 25.36 | 26.50 | 19.10   | 19.13 | 19.56 | 20.50 | 19.10                     | 19.13 | 19.56 | 20.50 | 19.10   | 19.13 | 19.56 | 20.50 |
| EDGE 3 Tx slots |  |  |  | 22.01                     | 22.84 | 22.74 | 24.00 | 18.35   | 18.38 | 18.48 | 19.74 | 18.35                     | 18.38 | 18.48 | 19.74 | 18.35   | 18.38 | 18.48 | 19.74 |
| EDGE 4 Tx slots |  |  |  | 21.41                     | 21.55 | 21.25 | 23.00 | 18.41   | 18.55 | 18.25 | 20.00 | 18.41                     | 18.55 | 18.25 | 20.00 | 18.41   | 18.55 | 18.25 | 20.00 |

| GSM1900_Ant 3   |  |  |  | Burst Average Power (dBm) |       |       |       | Tune-up |       |       |       | Frame Average Power (dBm) |       |       |       | Tune-up |       |       |       |
|-----------------|--|--|--|---------------------------|-------|-------|-------|---------|-------|-------|-------|---------------------------|-------|-------|-------|---------|-------|-------|-------|
| TX Channel      |  |  |  | 512                       |       |       |       | Limit   |       |       |       | 512                       |       |       |       | Limit   |       |       |       |
| Frequency (MHz) |  |  |  | 1850.2                    |       |       |       | (dBm)   |       |       |       | 1850.2                    |       |       |       | (dBm)   |       |       |       |
| GSM 1 Tx slot   |  |  |  | 23.58                     | 23.82 | 23.43 | 24.50 | 14.58   | 14.82 | 14.43 | 15.50 | 14.58                     | 14.82 | 14.43 | 15.50 | 14.58   | 14.82 | 14.43 | 15.50 |
| GPRS 1 Tx slot  |  |  |  | 23.70                     | 23.76 | 23.34 | 24.50 | 14.70   | 14.76 | 14.34 | 15.50 | 14.70                     | 14.76 | 14.34 | 15.50 | 14.70   | 14.76 | 14.34 | 15.50 |
| GPRS 2 Tx slots |  |  |  | 22.30                     | 22.60 | 22.08 | 23.50 | 16.30   | 16.60 | 16.08 | 17.50 | 16.30                     | 16.60 | 16.08 | 17.50 | 16.30   | 16.60 | 16.08 | 17.50 |
| GPRS 3 Tx slots |  |  |  | 19.06                     | 20.15 | 19.51 | 21.00 | 15.40   | 16.89 | 15.25 | 16.74 | 15.40                     | 16.89 | 15.25 | 16.74 | 15.40   | 16.89 | 15.25 | 16.74 |
| GPRS 4 Tx slots |  |  |  | 18.35                     | 18.79 | 18.10 | 19.50 | 15.35   | 15.79 | 15.10 | 16.50 | 15.35                     | 15.79 | 15.10 | 16.50 | 15.35   | 15.79 | 15.10 | 16.50 |
| EDGE 1 Tx slot  |  |  |  | 20.18                     | 19.97 | 19.84 | 21.50 | 11.18   | 10.97 | 10.84 | 12.50 | 11.18                     | 10.97 | 10.84 | 12.50 | 11.18   | 10.97 | 10.84 | 12.50 |
| EDGE 2 Tx slots |  |  |  | 18.57                     | 18.74 | 18.53 | 20.00 | 12.57   | 12.74 | 12.53 | 14.00 | 12.57                     | 12.74 | 12.53 | 14.00 | 12.57   | 12.74 | 12.53 | 14.00 |
| EDGE 3 Tx slots |  |  |  | 16.78                     | 16.74 | 16.57 | 18.00 | 12.52   | 12.48 | 12.31 | 13.74 | 12.52                     | 12.48 | 12.31 | 13.74 | 12.52   | 12.48 | 12.31 | 13.74 |
| EDGE 4 Tx slots |  |  |  | 15.45                     | 15.55 | 15.23 | 17.00 | 12.45   | 12.55 | 12.23 | 14.00 | 12.45                     | 12.55 | 12.23 | 14.00 | 12.45   | 12.55 | 12.23 | 14.00 |

| Band            |                         | WCDMA I_Ant 3 |        |        |                      | WCDMA IV_Ant 3 |        |        |                      | WCDMA V_Ant 0 |        |        |                      |
|-----------------|-------------------------|---------------|--------|--------|----------------------|----------------|--------|--------|----------------------|---------------|--------|--------|----------------------|
| TX Channel      |                         | 9262          | 9400   | 9538   | Time-up Limit (dftm) | 1312           | 1413   | 1513   | Time-up Limit (dftm) | 4132          | 4182   | 4213   | Time-up Limit (dftm) |
| Rx Channel      |                         | 9662          | 9800   | 9938   | 1537                 | 1638           | 1738   |        | 4357                 | 4407          | 4458   |        |                      |
| Frequency (MHz) |                         | 1823.4        | 1873.4 | 1907.4 | 1712.4               | 1712.4         | 1712.4 | 1712.4 | 1823.4               | 1823.4        | 1823.4 | 1823.4 | 1823.4               |
| 3GPP Rel 99     | AMR 12.2Kbps            | 18.17         | 18.28  | 18.21  | 19.50                | 17.77          | 17.86  | 17.81  | 19.50                | 23.46         | 23.55  | 23.47  | 24.50                |
| 3GPP Rel 99     | RMC 12.2Kbps            | 18.29         | 18.43  | 18.34  | 19.50                | 17.83          | 17.87  | 17.84  | 19.50                | 23.51         | 23.58  | 23.49  | 24.50                |
| 3GPP Rel 6      | HSDPA Subtest-1         | 17.42         | 17.41  | 17.36  | 18.50                | 16.79          | 16.82  | 16.84  | 18.50                | 22.59         | 22.60  | 22.60  | 23.50                |
| 3GPP Rel 6      | HSDPA Subtest-2         | 17.35         | 17.39  | 17.39  | 18.50                | 16.75          | 16.67  | 16.76  | 18.50                | 22.62         | 22.61  | 22.58  | 23.50                |
| 3GPP Rel 6      | HSDPA Subtest-3         | 16.98         | 16.96  | 17.01  | 18.00                | 16.29          | 16.27  | 16.21  | 18.00                | 22.13         | 22.14  | 22.11  | 23.00                |
| 3GPP Rel 6      | HSDPA Subtest-4         | 16.93         | 16.91  | 16.88  | 18.00                | 16.37          | 16.44  | 16.36  | 18.00                | 22.10         | 22.08  | 22.09  | 23.00                |
| 3GPP Rel 6      | DC-HSDPA Subtest-1      | 16.76         | 16.85  | 16.82  | 18.50                | 17.03          | 16.95  | 16.97  | 18.50                | 22.42         | 22.32  | 22.39  | 23.50                |
| 3GPP Rel 6      | DC-HSDPA Subtest-2      | 16.91         | 16.96  | 16.91  | 18.50                | 17.03          | 16.99  | 17.08  | 18.50                | 22.26         | 22.33  | 22.32  | 23.50                |
| 3GPP Rel 6      | DC-HSDPA Subtest-3      | 16.31         | 16.30  | 16.36  | 18.00                | 16.56          | 16.59  | 16.51  | 18.00                | 21.90         | 21.82  | 21.76  | 23.00                |
| 3GPP Rel 6      | DC-HSDPA Subtest-4      | 16.27         | 16.26  | 16.33  | 18.00                | 16.51          | 16.39  | 16.48  | 18.00                | 21.90         | 21.81  | 21.86  | 23.00                |
| 3GPP Rel 6      | HSUPA Subtest-1         | 15.36         | 15.41  | 15.36  | 17.00                | 16.68          | 16.82  | 16.77  | 18.50                | 20.54         | 20.57  | 20.53  | 22.00                |
| 3GPP Rel 6      | HSUPA Subtest-2         | 15.29         | 15.32  | 15.34  | 16.00                | 15.80          | 15.91  | 15.80  | 18.50                | 20.56         | 20.59  | 20.58  | 21.00                |
| 3GPP Rel 6      | HSUPA Subtest-3         | 16.44         | 16.41  | 16.34  | 17.00                | 16.72          | 16.77  | 16.65  | 17.50                | 21.54         | 21.61  | 21.56  | 22.00                |
| 3GPP Rel 6      | HSUPA Subtest-4         | 14.62         | 14.60  | 14.66  | 16.00                | 15.21          | 15.22  | 15.30  | 16.50                | 20.07         | 20.12  | 20.09  | 21.00                |
| 3GPP Rel 6      | HSUPA Subtest-5         | 16.29         | 16.33  | 16.34  | 18.00                | 16.58          | 16.64  | 16.57  | 18.50                | 21.50         | 21.60  | 21.50  | 23.00                |
| 3GPP Rel 7      | HSPA+ (16QAM) Subtest-1 | 15.08         | 15.22  | 15.09  | 16.00                | 15.57          | 15.51  | 15.58  | 16.00                | 20.59         | 20.58  | 20.58  | 21.00                |

Band 2\_Ant 3

| RF              | Modulation | FS (MHz) | RF (MHz) | Low (MHz) | High (MHz) | Bandwidth (MHz) | Power (dBm) | Time-to-Acquire (s) | MFR (Hz) |  |  |
|-----------------|------------|----------|----------|-----------|------------|-----------------|-------------|---------------------|----------|--|--|
| Channel         |            |          |          |           |            |                 |             |                     |          |  |  |
| Frequency (MHz) |            |          |          |           |            |                 |             |                     |          |  |  |
| 1               | QPSK       | 1        | 18.00    | 18.00     | 18.00      | 20.0            | 0           |                     |          |  |  |
| 2               | QPSK       | 1        | 18.02    | 18.02     | 18.02      | 20.0            | 0           |                     |          |  |  |
| 3               | QPSK       | 1        | 18.04    | 18.04     | 18.04      | 20.0            | 0           |                     |          |  |  |
| 4               | QPSK       | 1        | 18.06    | 18.06     | 18.06      | 20.0            | 0           |                     |          |  |  |
| 5               | QPSK       | 1        | 18.08    | 18.08     | 18.08      | 20.0            | 0           |                     |          |  |  |
| 6               | QPSK       | 1        | 18.10    | 18.10     | 18.10      | 20.0            | 0           |                     |          |  |  |
| 7               | QPSK       | 1        | 18.12    | 18.12     | 18.12      | 20.0            | 0           |                     |          |  |  |
| 8               | QPSK       | 1        | 18.14    | 18.14     | 18.14      | 20.0            | 0           |                     |          |  |  |
| 9               | QPSK       | 1        | 18.16    | 18.16     | 18.16      | 20.0            | 0           |                     |          |  |  |
| 10              | QPSK       | 1        | 18.18    | 18.18     | 18.18      | 20.0            | 0           |                     |          |  |  |
| 11              | QPSK       | 1        | 18.20    | 18.20     | 18.20      | 20.0            | 0           |                     |          |  |  |
| 12              | QPSK       | 1        | 18.22    | 18.22     | 18.22      | 20.0            | 0           |                     |          |  |  |
| 13              | QPSK       | 1        | 18.24    | 18.24     | 18.24      | 20.0            | 0           |                     |          |  |  |
| 14              | QPSK       | 1        | 18.26    | 18.26     | 18.26      | 20.0            | 0           |                     |          |  |  |
| 15              | QPSK       | 1        | 18.28    | 18.28     | 18.28      | 20.0            | 0           |                     |          |  |  |
| 16              | QPSK       | 1        | 18.30    | 18.30     | 18.30      | 20.0            | 0           |                     |          |  |  |
| 17              | QPSK       | 1        | 18.32    | 18.32     | 18.32      | 20.0            | 0           |                     |          |  |  |
| 18              | QPSK       | 1        | 18.34    | 18.34     | 18.34      | 20.0            | 0           |                     |          |  |  |
| 19              | QPSK       | 1        | 18.36    | 18.36     | 18.36      | 20.0            | 0           |                     |          |  |  |
| 20              | QPSK       | 1        | 18.38    | 18.38     | 18.38      | 20.0            | 0           |                     |          |  |  |
| 21              | QPSK       | 1        | 18.40    | 18.40     | 18.40      | 20.0            | 0           |                     |          |  |  |
| 22              | QPSK       | 1        | 18.42    | 18.42     | 18.42      | 20.0            | 0           |                     |          |  |  |
| 23              | QPSK       | 1        | 18.44    | 18.44     | 18.44      | 20.0            | 0           |                     |          |  |  |
| 24              | QPSK       | 1        | 18.46    | 18.46     | 18.46      | 20.0            | 0           |                     |          |  |  |
| 25              | QPSK       | 1        | 18.48    | 18.48     | 18.48      | 20.0            | 0           |                     |          |  |  |
| 26              | QPSK       | 1        | 18.50    | 18.50     | 18.50      | 20.0            | 0           |                     |          |  |  |
| 27              | QPSK       | 1        | 18.52    | 18.52     | 18.52      | 20.0            | 0           |                     |          |  |  |
| 28              | QPSK       | 1        | 18.54    | 18.54     | 18.54      | 20.0            | 0           |                     |          |  |  |
| 29              | QPSK       | 1        | 18.56    | 18.56     | 18.56      | 20.0            | 0           |                     |          |  |  |
| 30              | QPSK       | 1        | 18.58    | 18.58     | 18.58      | 20.0            | 0           |                     |          |  |  |
| 31              | QPSK       | 1        | 18.60    | 18.60     | 18.60      | 20.0            | 0           |                     |          |  |  |
| 32              | QPSK       | 1        | 18.62    | 18.62     | 18.62      | 20.0            | 0           |                     |          |  |  |
| 33              | QPSK       | 1        | 18.64    | 18.64     | 18.64      | 20.0            | 0           |                     |          |  |  |
| 34              | QPSK       | 1        | 18.66    | 18.66     | 18.66      | 20.0            | 0           |                     |          |  |  |
| 35              | QPSK       | 1        | 18.68    | 18.68     | 18.68      | 20.0            | 0           |                     |          |  |  |
| 36              | QPSK       | 1        | 18.70    | 18.70     | 18.70      | 20.0            | 0           |                     |          |  |  |
| 37              | QPSK       | 1        | 18.72    | 18.72     | 18.72      | 20.0            | 0           |                     |          |  |  |
| 38              | QPSK       | 1        | 18.74    | 18.74     | 18.74      | 20.0            | 0           |                     |          |  |  |
| 39              | QPSK       | 1        | 18.76    | 18.76     | 18.76      | 20.0            | 0           |                     |          |  |  |
| 40              | QPSK       | 1        | 18.78    | 18.78     | 18.78      | 20.0            | 0           |                     |          |  |  |
| 41              | QPSK       | 1        | 18.80    | 18.80     | 18.80      | 20.0            | 0           |                     |          |  |  |
| 42              | QPSK       | 1        | 18.82    | 18.82     | 18.82      | 20.0            | 0           |                     |          |  |  |
| 43              | QPSK       | 1        | 18.84    | 18.84     | 18.84      | 20.0            | 0           |                     |          |  |  |
| 44              | QPSK       | 1        | 18.86    | 18.86     | 18.86      | 20.0            | 0           |                     |          |  |  |
| 45              | QPSK       | 1        | 18.88    | 18.88     | 18.88      | 20.0            | 0           |                     |          |  |  |
| 46              | QPSK       | 1        | 18.90    | 18.90     | 18.90      | 20.0            | 0           |                     |          |  |  |
| 47              | QPSK       | 1        | 18.92    | 18.92     | 18.92      | 20.0            | 0           |                     |          |  |  |
| 48              | QPSK       | 1        | 18.94    | 18.94     | 18.94      | 20.0            | 0           |                     |          |  |  |
| 49              | QPSK       | 1        | 18.96    | 18.96     | 18.96      | 20.0            | 0           |                     |          |  |  |
| 50              | QPSK       | 1        | 18.98    | 18.98     | 18.98      | 20.0            | 0           |                     |          |  |  |
| 51              | QPSK       | 1        | 19.00    | 19.00     | 19.00      | 20.0            | 0           |                     |          |  |  |
| 52              | QPSK       | 1        | 19.02    | 19.02     | 19.02      | 20.0            | 0           |                     |          |  |  |
| 53              | QPSK       | 1        | 19.04    | 19.04     | 19.04      | 20.0            | 0           |                     |          |  |  |
| 54              | QPSK       | 1        | 19.06    | 19.06     | 19.06      | 20.0            | 0           |                     |          |  |  |
| 55              | QPSK       | 1        | 19.08    | 19.08     | 19.08      | 20.0            | 0           |                     |          |  |  |
| 56              | QPSK       | 1        | 19.10    | 19.10     | 19.10      | 20.0            | 0           |                     |          |  |  |
| 57              | QPSK       | 1        | 19.12    | 19.12     | 19.12      | 20.0            | 0           |                     |          |  |  |
| 58              | QPSK       | 1        | 19.14    | 19.14     | 19.14      | 20.0            | 0           |                     |          |  |  |
| 59              | QPSK       | 1        | 19.16    | 19.16     | 19.16      | 20.0            | 0           |                     |          |  |  |
| 60              | QPSK       | 1        | 19.18    | 19.18     | 19.18      | 20.0            | 0           |                     |          |  |  |
| 61              | QPSK       | 1        | 19.20    | 19.20     | 19.20      | 20.0            | 0           |                     |          |  |  |
| 62              | QPSK       | 1        | 19.22    | 19.22     | 19.22      | 20.0            | 0           |                     |          |  |  |
| 63              | QPSK       | 1        | 19.24    | 19.24     | 19.24      | 20.0            | 0           |                     |          |  |  |
| 64              | QPSK       | 1        | 19.26    | 19.26     | 19.26      | 20.0            | 0           |                     |          |  |  |
| 65              | QPSK       | 1        | 19.28    | 19.28     | 19.28      | 20.0            | 0           |                     |          |  |  |
| 66              | QPSK       | 1        | 19.30    | 19.30     | 19.30      | 20.0            | 0           |                     |          |  |  |
| 67              | QPSK       | 1        | 19.32    | 19.32     | 19.32      | 20.0            | 0           |                     |          |  |  |
| 68              | QPSK       | 1        | 19.34    | 19.34     | 19.34      | 20.0            | 0           |                     |          |  |  |
| 69              | QPSK       | 1        | 19.36    | 19.36     | 19.36      | 20.0            | 0           |                     |          |  |  |
| 70              | QPSK       | 1        | 19.38    | 19.38     | 19.38      | 20.0            | 0           |                     |          |  |  |
| 71              | QPSK       | 1        | 19.40    | 19.40     | 19.40      | 20.0            | 0           |                     |          |  |  |
| 72              | QPSK       | 1        | 19.42    | 19.42     | 19.42      | 20.0            | 0           |                     |          |  |  |
| 73              | QPSK       | 1        | 19.44    | 19.44     | 19.44      | 20.0            | 0           |                     |          |  |  |
| 74              | QPSK       | 1        | 19.46    | 19.46     | 19.46      | 20.0            | 0           |                     |          |  |  |
| 75              | QPSK       | 1        | 19.48    | 19.48     | 19.48      | 20.0            | 0           |                     |          |  |  |
| 76              | QPSK       | 1        | 19.50    | 19.50     | 19.50      | 20.0            | 0           |                     |          |  |  |
| 77              | QPSK       | 1        | 19.52    | 19.52     | 19.52      | 20.0            | 0           |                     |          |  |  |
| 78              | QPSK       | 1        | 19.54    | 19.54     | 19.54      | 20.0            | 0           |                     |          |  |  |
| 79              | QPSK       | 1        | 19.56    | 19.56     | 19.56      | 20.0            | 0           |                     |          |  |  |
| 80              | QPSK       | 1        | 19.58    | 19.58     | 19.58      | 20.0            | 0           |                     |          |  |  |
| 81              | QPSK       | 1        | 19.60    | 19.60     | 19.60      | 20.0            | 0           |                     |          |  |  |
| 82              | QPSK       | 1        | 19.62    | 19.62     | 19.62      | 20.0            | 0           |                     |          |  |  |
| 83              | QPSK       | 1        | 19.64    | 19.64     | 19.64      | 20.0            | 0           |                     |          |  |  |
| 84              | QPSK       | 1        | 19.66    | 19.66     | 19.66      | 20.0            | 0           |                     |          |  |  |
| 85              | QPSK       | 1        | 19.68    | 19.68     | 19.68      | 20.0            | 0           |                     |          |  |  |
| 86              | QPSK       | 1        | 19.70    | 19.70     | 19.70      | 20.0            | 0           |                     |          |  |  |
| 87              | QPSK       | 1        | 19.72    | 19.72     | 19.72      | 20.0            | 0           |                     |          |  |  |
| 88              | QPSK       | 1        | 19.74    | 19.74     | 19.74      | 20.0            | 0           |                     |          |  |  |
| 89              | QPSK       | 1        | 19.76    | 19.76     | 19.76      | 20.0            | 0           |                     |          |  |  |
| 90              | QPSK       | 1        | 19.78    | 19.78     | 19.78      | 20.0            | 0           |                     |          |  |  |
| 91              | QPSK       | 1        | 19.80    | 19.80     | 19.80      | 20.0            | 0           |                     |          |  |  |
| 92              | QPSK       | 1        | 19.82    | 19.82     | 19.82      | 20.0            | 0           |                     |          |  |  |
| 93              | QPSK       | 1        | 19.84    | 19.84     | 19.84      | 20.0            | 0           |                     |          |  |  |
| 94              | QPSK       | 1        | 19.86    | 19.86     | 19.86      | 20.0            | 0           |                     |          |  |  |
| 95              | QPSK       | 1        | 19.88    | 19.88     | 19.88      | 20.0            | 0           |                     |          |  |  |
| 96              | QPSK       | 1        | 19.90    | 19.90     | 19.90      | 20.0            | 0           |                     |          |  |  |
| 97              | QPSK       | 1        | 19.92    | 19.92     | 19.92      | 20.0            | 0           |                     |          |  |  |
| 98              | QPSK       | 1        | 19.94    | 19.94     | 19.94      | 20.0            | 0           |                     |          |  |  |
| 99              | QPSK       | 1        | 19.96    | 19.96     | 19.96      | 20.0            | 0           |                     |          |  |  |
| 100             | QPSK       | 1        | 19.98    | 19.98     | 19.98      | 20.0            | 0           |                     |          |  |  |
| Channel         |            |          |          |           |            |                 |             |                     |          |  |  |
| Frequency (MHz) |            |          |          |           |            |                 |             |                     |          |  |  |
| 1               | QPSK       | 1        | 19.00    | 19.00     | 19.00      | 20.0            | 0           |                     |          |  |  |
| 2               | QPSK       | 1        | 19.02    | 19.02     | 19.02      | 20.0            | 0           |                     |          |  |  |
| 3               | QPSK       | 1        | 19.04    | 19.04     | 19.04      | 20.0            | 0           |                     |          |  |  |
| 4               | QPSK       | 1        | 19.06    | 19.06     | 19.06      | 20.0            | 0           |                     |          |  |  |
| 5               | QPSK       | 1        | 19.08    | 19.08     | 19.08      | 20.0            | 0           |                     |          |  |  |
| 6               | QPSK       | 1        | 19.10    | 19.10     | 19.10      | 20.0            | 0           |                     |          |  |  |
| 7               | QPSK       | 1        | 19.12    | 19.12     | 19.12      | 20.0            | 0           |                     |          |  |  |
| 8               | QPSK       | 1        | 19.14    | 19.14     | 19.14      | 20.0            | 0           |                     |          |  |  |
| 9               | QPSK       | 1        | 19.16    | 19.16     | 19.16      | 20.0            | 0           |                     |          |  |  |
| 10              | QPSK       | 1        | 19.18    | 19.18     | 19.18      | 20.0            | 0           |                     |          |  |  |
| 11              | QPSK       | 1        | 19.20    | 19.20     | 19.20      | 20.0            | 0           |                     |          |  |  |
| 12              | QPSK       | 1        | 19.22    | 19.22     | 19.22      | 20.0            | 0           |                     |          |  |  |
| 13              | QPSK       | 1        | 19.24    | 19.24     | 19.24      | 20.0            | 0           |                     |          |  |  |
| 14              | QPSK       | 1        | 19.26    | 19.26     | 19.26      | 20.0            | 0           |                     |          |  |  |
| 15              | QPSK       | 1        | 19.28    | 19.28     | 19.28      | 20.0            | 0           |                     |          |  |  |
| 16              | QPSK       | 1        | 19.30    | 19.30     | 19.30      | 20.0            | 0           |                     |          |  |  |
| 17              | QPSK       | 1        | 19.32    | 19.32     | 19.32      | 20.0            | 0           |                     |          |  |  |
| 18              | QPSK       | 1        | 19.34    | 19.34     | 19.34      | 20.0            | 0           |                     |          |  |  |
| 19              | QPSK       | 1        | 19.36    | 19.36     | 19.36      | 20.0            | 0           |                     |          |  |  |
| 20              | QPSK       | 1        | 19.38    | 19.38     | 19.38      | 20.0            | 0           |                     |          |  |  |
| 21              | QPSK       | 1        | 19.40    | 19.40     | 19.40      | 20.0            | 0           |                     |          |  |  |
| 22              | QPSK       | 1        | 19.42    | 19.42     | 19.42      | 20.0            | 0           |                     |          |  |  |
| 23              | QPSK       | 1        | 19.44    | 19.44     | 19.44      | 20.0            | 0           |                     |          |  |  |
| 24              | QPSK       | 1        | 19.46    | 19.46     | 19.46      | 20.0            | 0           |                     |          |  |  |
| 25              | QPSK       | 1        | 19.48    | 19.48     | 19.48      | 20.0            | 0           |                     |          |  |  |
| 26              | QPSK       | 1        | 19.50    | 19.50     | 19.50      | 20.0            | 0           |                     |          |  |  |
| 27              | QPSK       | 1        | 19.52    | 19.52     | 19.52      | 20.0            | 0           |                     |          |  |  |
| 28              | QPSK       | 1        | 19.54    | 19.54     | 19.54      | 20.0            | 0           |                     |          |  |  |
| 29              | QPSK       | 1        | 19.56    | 19.56     | 19.56      | 20.0            | 0           |                     |          |  |  |
| 30              | QPSK       | 1        | 19.58    | 19.58     | 19.58      | 20.0            | 0           |                     |          |  |  |
| 31              | QPSK       | 1        | 19.60    | 19.60     | 19.60      | 20.0            | 0           |                     |          |  |  |
| 32              | QPSK       | 1        | 19.62    | 19.62     | 19.62      | 20.0            | 0           |                     |          |  |  |
| 33              | QPSK       | 1        | 19.64    | 19.64     | 19.64      | 20.0            | 0           |                     |          |  |  |
| 34              | QPSK       | 1        | 19.66    | 19.66     | 19.66      | 20.0            | 0           |                     |          |  |  |
| 35              | QPSK       | 1        | 19.68    | 19.68     | 19.68      | 20.0            | 0           |                     |          |  |  |
| 36              | QPSK       | 1        | 19.70    | 19.70     | 19.70      | 20.0            | 0           |                     |          |  |  |
| 37              | QPSK       | 1        | 19.72    | 19.72     | 19.72      | 20.0            | 0           |                     |          |  |  |
| 38              | QPSK       | 1        | 19.74    | 19.74     | 19.74      | 20.0            | 0           |                     |          |  |  |
| 39              | QPSK       | 1        | 19.76    | 19.76     | 19.76      | 20.0            | 0           |                     |          |  |  |
| 40              | QPSK       | 1        | 19.78    | 19.78     | 19.78      | 20.0            | 0           |                     |          |  |  |
| 41              | QPSK       | 1        | 19.80    | 19.80     | 19.80      | 20.0            | 0           |                     |          |  |  |
| 42              | QPSK       | 1        | 19.82    | 19.82     | 19.82      | 20.0            | 0           |                     |          |  |  |
| 43              |            |          |          |           |            |                 |             |                     |          |  |  |

[illegible]

| Band 13_Ant 0   |              |          |           |              |               |               |                |                |           |    |   |
|-----------------|--------------|----------|-----------|--------------|---------------|---------------|----------------|----------------|-----------|----|---|
| Site (km)       | Installation | RIS Type | Power (W) | RF Ch. (MHz) | Low Ch. (MHz) | Mid Ch. (MHz) | High Ch. (MHz) | Transmit (dBm) | RFPT (dB) |    |   |
| Channel         |              |          |           |              |               |               |                |                |           |    |   |
| Frequency (MHz) |              |          |           | 750          |               |               |                |                |           |    |   |
| 10              | OPR16        | 16       | 25        | 23.55        |               |               |                |                |           | 25 | 0 |
| 10              | OPR16        | 16       | 49        | 23.60        |               |               |                |                |           |    |   |
| 10              | OPR16        | 16       | 73        | 23.65        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 12        | 23.72        |               |               |                |                |           | 24 | 0 |
| 10              | OPR16        | 25       | 36        | 23.77        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 60        | 23.82        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 84        | 23.87        |               |               |                |                |           | 24 | 1 |
| 10              | OPR16        | 25       | 108       | 23.92        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 132       | 23.97        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 156       | 24.02        |               |               |                |                |           | 23 | 2 |
| 10              | OPR16        | 25       | 180       | 24.07        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 204       | 24.12        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 228       | 24.17        |               |               |                |                |           | 23 | 2 |
| 10              | OPR16        | 25       | 252       | 24.22        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 276       | 24.27        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 300       | 24.32        |               |               |                |                |           | 23 | 2 |
| 10              | OPR16        | 25       | 324       | 24.37        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 348       | 24.42        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 372       | 24.47        |               |               |                |                |           | 22 | 3 |
| 10              | OPR16        | 25       | 396       | 24.52        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 420       | 24.57        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 444       | 24.62        |               |               |                |                |           | 20 | 5 |
| 10              | OPR16        | 25       | 468       | 24.67        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 492       | 24.72        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 516       | 24.77        |               |               |                |                |           | 20 | 5 |
| 10              | OPR16        | 25       | 540       | 24.82        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 564       | 24.87        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 588       | 24.92        |               |               |                |                |           | 20 | 5 |
| 10              | OPR16        | 25       | 612       | 24.97        |               |               |                |                |           |    |   |
| 10              | OPR16        | 25       | 636       | 25.02        |               |               |                |                |           |    |   |
| Channel         |              |          |           | 2500         |               |               |                |                |           |    |   |
| Frequency (MHz) |              |          |           | 2578         | 2579          | 2580          | 2581           | Transmit (dBm) | RFPT (dB) |    |   |
| 5               | OPR16        | 1        | 0         | 25.78        | 25.81         | 25.84         | 25.86          | 20             | 0         |    |   |
| 5               | OPR16        | 1        | 24        | 25.79        | 25.82         | 25.85         | 25.87          |                |           |    |   |
| 5               | OPR16        | 1        | 48        | 25.80        | 25.83         | 25.86         | 25.88          |                |           |    |   |
| 5               | OPR16        | 12       | 7         | 25.80        | 25.81         | 25.82         | 25.83          | 24             | 1         |    |   |
| 5               | OPR16        | 12       | 19        | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 31        | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 43        | 25.80        | 25.81         | 25.82         | 25.83          | 24             | 1         |    |   |
| 5               | OPR16        | 12       | 55        | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 67        | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 79        | 25.80        | 25.81         | 25.82         | 25.83          | 24             | 1         |    |   |
| 5               | OPR16        | 12       | 91        | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 103       | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 115       | 25.80        | 25.81         | 25.82         | 25.83          | 23             | 2         |    |   |
| 5               | OPR16        | 12       | 127       | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 139       | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 151       | 25.80        | 25.81         | 25.82         | 25.83          | 23             | 2         |    |   |
| 5               | OPR16        | 12       | 163       | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 175       | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 187       | 25.80        | 25.81         | 25.82         | 25.83          | 22             | 3         |    |   |
| 5               | OPR16        | 12       | 199       | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 211       | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 223       | 25.80        | 25.81         | 25.82         | 25.83          | 22             | 3         |    |   |
| 5               | OPR16        | 12       | 235       | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 247       | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 259       | 25.80        | 25.81         | 25.82         | 25.83          | 20             | 5         |    |   |
| 5               | OPR16        | 12       | 271       | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |
| 5               | OPR16        | 12       | 283       | 25.80        | 25.81         | 25.82         | 25.83          |                |           |    |   |

| Band 17_Ant 0   |            |    |      |      |      |      |      |      |      |
|-----------------|------------|----|------|------|------|------|------|------|------|
| BSF             | Modulation | RB | RB   | RB   | RB   | RB   | RB   | RB   | RB   |
| Channel         |            |    |      |      |      |      |      |      |      |
| Frequency (MHz) |            |    |      |      |      |      |      |      |      |
|                 |            |    | 1    | 2    | 3    | 4    | 5    | 6    | 7    |
| 15              | QPSK       | 1  | 25   | 2525 | 2530 | 2535 | 2540 | 2545 | 2550 |
| 15              | QPSK       | 1  | 40   | 2530 | 2535 | 2540 | 2545 | 2550 | 2555 |
| 15              | QPSK       | 1  | 55   | 2535 | 2540 | 2545 | 2550 | 2555 | 2560 |
| 15              | QPSK       | 1  | 70   | 2540 | 2545 | 2550 | 2555 | 2560 | 2565 |
| 15              | QPSK       | 1  | 85   | 2545 | 2550 | 2555 | 2560 | 2565 | 2570 |
| 15              | QPSK       | 1  | 100  | 2550 | 2555 | 2560 | 2565 | 2570 | 2575 |
| 15              | QPSK       | 1  | 115  | 2555 | 2560 | 2565 | 2570 | 2575 | 2580 |
| 15              | QPSK       | 1  | 130  | 2560 | 2565 | 2570 | 2575 | 2580 | 2585 |
| 15              | QPSK       | 1  | 145  | 2565 | 2570 | 2575 | 2580 | 2585 | 2590 |
| 15              | QPSK       | 1  | 160  | 2570 | 2575 | 2580 | 2585 | 2590 | 2595 |
| 15              | QPSK       | 1  | 175  | 2575 | 2580 | 2585 | 2590 | 2595 | 2600 |
| 15              | QPSK       | 1  | 190  | 2580 | 2585 | 2590 | 2595 | 2600 | 2605 |
| 15              | QPSK       | 1  | 205  | 2585 | 2590 | 2595 | 2600 | 2605 | 2610 |
| 15              | QPSK       | 1  | 220  | 2590 | 2595 | 2600 | 2605 | 2610 | 2615 |
| 15              | QPSK       | 1  | 235  | 2595 | 2600 | 2605 | 2610 | 2615 | 2620 |
| 15              | QPSK       | 1  | 250  | 2600 | 2605 | 2610 | 2615 | 2620 | 2625 |
| 15              | QPSK       | 1  | 265  | 2605 | 2610 | 2615 | 2620 | 2625 | 2630 |
| 15              | QPSK       | 1  | 280  | 2610 | 2615 | 2620 | 2625 | 2630 | 2635 |
| 15              | QPSK       | 1  | 295  | 2615 | 2620 | 2625 | 2630 | 2635 | 2640 |
| 15              | QPSK       | 1  | 310  | 2620 | 2625 | 2630 | 2635 | 2640 | 2645 |
| 15              | QPSK       | 1  | 325  | 2625 | 2630 | 2635 | 2640 | 2645 | 2650 |
| 15              | QPSK       | 1  | 340  | 2630 | 2635 | 2640 | 2645 | 2650 | 2655 |
| 15              | QPSK       | 1  | 355  | 2635 | 2640 | 2645 | 2650 | 2655 | 2660 |
| 15              | QPSK       | 1  | 370  | 2640 | 2645 | 2650 | 2655 | 2660 | 2665 |
| 15              | QPSK       | 1  | 385  | 2645 | 2650 | 2655 | 2660 | 2665 | 2670 |
| 15              | QPSK       | 1  | 400  | 2650 | 2655 | 2660 | 2665 | 2670 | 2675 |
| 15              | QPSK       | 1  | 415  | 2655 | 2660 | 2665 | 2670 | 2675 | 2680 |
| 15              | QPSK       | 1  | 430  | 2660 | 2665 | 2670 | 2675 | 2680 | 2685 |
| 15              | QPSK       | 1  | 445  | 2665 | 2670 | 2675 | 2680 | 2685 | 2690 |
| 15              | QPSK       | 1  | 460  | 2670 | 2675 | 2680 | 2685 | 2690 | 2695 |
| 15              | QPSK       | 1  | 475  | 2675 | 2680 | 2685 | 2690 | 2695 | 2700 |
| 15              | QPSK       | 1  | 490  | 2680 | 2685 | 2690 | 2695 | 2700 | 2705 |
| 15              | QPSK       | 1  | 505  | 2685 | 2690 | 2695 | 2700 | 2705 | 2710 |
| 15              | QPSK       | 1  | 520  | 2690 | 2695 | 2700 | 2705 | 2710 | 2715 |
| 15              | QPSK       | 1  | 535  | 2695 | 2700 | 2705 | 2710 | 2715 | 2720 |
| 15              | QPSK       | 1  | 550  | 2700 | 2705 | 2710 | 2715 | 2720 | 2725 |
| 15              | QPSK       | 1  | 565  | 2705 | 2710 | 2715 | 2720 | 2725 | 2730 |
| 15              | QPSK       | 1  | 580  | 2710 | 2715 | 2720 | 2725 | 2730 | 2735 |
| 15              | QPSK       | 1  | 595  | 2715 | 2720 | 2725 | 2730 | 2735 | 2740 |
| 15              | QPSK       | 1  | 610  | 2720 | 2725 | 2730 | 2735 | 2740 | 2745 |
| 15              | QPSK       | 1  | 625  | 2725 | 2730 | 2735 | 2740 | 2745 | 2750 |
| 15              | QPSK       | 1  | 640  | 2730 | 2735 | 2740 | 2745 | 2750 | 2755 |
| 15              | QPSK       | 1  | 655  | 2735 | 2740 | 2745 | 2750 | 2755 | 2760 |
| 15              | QPSK       | 1  | 670  | 2740 | 2745 | 2750 | 2755 | 2760 | 2765 |
| 15              | QPSK       | 1  | 685  | 2745 | 2750 | 2755 | 2760 | 2765 | 2770 |
| 15              | QPSK       | 1  | 700  | 2750 | 2755 | 2760 | 2765 | 2770 | 2775 |
| 15              | QPSK       | 1  | 715  | 2755 | 2760 | 2765 | 2770 | 2775 | 2780 |
| 15              | QPSK       | 1  | 730  | 2760 | 2765 | 2770 | 2775 | 2780 | 2785 |
| 15              | QPSK       | 1  | 745  | 2765 | 2770 | 2775 | 2780 | 2785 | 2790 |
| 15              | QPSK       | 1  | 760  | 2770 | 2775 | 2780 | 2785 | 2790 | 2795 |
| 15              | QPSK       | 1  | 775  | 2775 | 2780 | 2785 | 2790 | 2795 | 2800 |
| 15              | QPSK       | 1  | 790  | 2780 | 2785 | 2790 | 2795 | 2800 | 2805 |
| 15              | QPSK       | 1  | 805  | 2785 | 2790 | 2795 | 2800 | 2805 | 2810 |
| 15              | QPSK       | 1  | 820  | 2790 | 2795 | 2800 | 2805 | 2810 | 2815 |
| 15              | QPSK       | 1  | 835  | 2795 | 2800 | 2805 | 2810 | 2815 | 2820 |
| 15              | QPSK       | 1  | 850  | 2800 | 2805 | 2810 | 2815 | 2820 | 2825 |
| 15              | QPSK       | 1  | 865  | 2805 | 2810 | 2815 | 2820 | 2825 | 2830 |
| 15              | QPSK       | 1  | 880  | 2810 | 2815 | 2820 | 2825 | 2830 | 2835 |
| 15              | QPSK       | 1  | 895  | 2815 | 2820 | 2825 | 2830 | 2835 | 2840 |
| 15              | QPSK       | 1  | 910  | 2820 | 2825 | 2830 | 2835 | 2840 | 2845 |
| 15              | QPSK       | 1  | 925  | 2825 | 2830 | 2835 | 2840 | 2845 | 2850 |
| 15              | QPSK       | 1  | 940  | 2830 | 2835 | 2840 | 2845 | 2850 | 2855 |
| 15              | QPSK       | 1  | 955  | 2835 | 2840 | 2845 | 2850 | 2855 | 2860 |
| 15              | QPSK       | 1  | 970  | 2840 | 2845 | 2850 | 2855 | 2860 | 2865 |
| 15              | QPSK       | 1  | 985  | 2845 | 2850 | 2855 | 2860 | 2865 | 2870 |
| 15              | QPSK       | 1  | 1000 | 2850 | 2855 | 2860 | 2865 | 2870 | 2875 |
| 15              | QPSK       | 1  | 1015 | 2855 | 2860 | 2865 | 2870 | 2875 | 2880 |
| 15              | QPSK       | 1  | 1030 | 2860 | 2865 | 2870 | 2875 | 2880 | 2885 |
| 15              | QPSK       | 1  | 1045 | 2865 | 2870 | 2875 | 2880 | 2885 | 2890 |
| 15              | QPSK       | 1  | 1060 | 2870 | 2875 | 2880 | 2885 | 2890 | 2895 |
| 15              | QPSK       | 1  | 1075 | 2875 | 2880 | 2885 | 2890 | 2895 | 2900 |
| 15              | QPSK       | 1  | 1090 | 2880 | 2885 | 2890 | 2895 | 2900 | 2905 |
| 15              | QPSK       | 1  | 1105 | 2885 | 2890 | 2895 | 2900 | 2905 | 2910 |
| 15              | QPSK       | 1  | 1120 | 2890 | 2895 | 2900 | 2905 | 2910 | 2915 |
| 15              | QPSK       | 1  | 1135 | 2895 | 2900 | 2905 | 2910 | 2915 | 2920 |
| 15              | QPSK       | 1  | 1150 | 2900 | 2905 | 2910 | 2915 | 2920 | 2925 |
| 15              | QPSK       | 1  | 1165 | 2905 | 2910 | 2915 | 2920 | 2925 | 2930 |
| 15              | QPSK       | 1  | 1180 | 2910 | 2915 | 2920 | 2925 | 2930 | 2935 |
| 15              | QPSK       | 1  | 1195 | 2915 | 2920 | 2925 | 2930 | 2935 | 2940 |
| 15              | QPSK       | 1  | 1210 | 2920 | 2925 | 2930 | 2935 | 2940 | 2945 |
| 15              | QPSK       | 1  | 1225 | 2925 | 2930 | 2935 | 2940 | 2945 | 2950 |
| 15              | QPSK       | 1  | 1240 | 2930 | 2935 | 2940 | 2945 | 2950 | 2955 |
| 15              | QPSK       | 1  | 1255 | 2935 | 2940 | 2945 | 2950 | 2955 | 2960 |
| 15              | QPSK       | 1  | 1270 | 2940 | 2945 | 2950 | 2955 | 2960 | 2965 |
| 15              | QPSK       | 1  | 1285 | 2945 | 2950 | 2955 | 2960 | 2965 | 2970 |
| 15              | QPSK       | 1  | 1300 | 2950 | 2955 | 2960 | 2965 | 2970 | 2975 |
| 15              | QPSK       | 1  | 1315 | 2955 | 2960 | 2965 | 2970 | 2975 | 2980 |
| 15              | QPSK       | 1  | 1330 | 2960 | 2965 | 2970 | 2975 | 2980 | 2985 |
| 15              | QPSK       | 1  | 1345 | 2965 | 2970 | 2975 | 2980 | 2985 | 2990 |
| 15              | QPSK       | 1  | 1360 | 2970 | 2975 | 2980 | 2985 | 2990 | 2995 |
| 15              | QPSK       | 1  | 1375 | 2975 | 2980 | 2985 | 2990 | 2995 | 3000 |
| 15              | QPSK       | 1  | 1390 | 2980 | 2985 | 2990 | 2995 | 3000 | 3005 |
| 15              | QPSK       | 1  | 1405 | 2985 | 2990 | 2995 | 3000 | 3005 | 3010 |
| 15              | QPSK       | 1  | 1420 | 2990 | 2995 | 3000 | 3005 | 3010 | 3015 |
| 15              | QPSK       | 1  | 1435 | 2995 | 3000 | 3005 | 3010 | 3015 | 3020 |
| 15              | QPSK       | 1  | 1450 | 3000 | 3005 | 3010 | 3015 | 3020 | 3025 |
| 15              | QPSK       | 1  | 1465 | 3005 | 3010 | 3015 | 3020 | 3025 | 3030 |
| 15              | QPSK       | 1  | 1480 | 3010 | 3015 | 3020 | 3025 | 3030 | 3035 |
| 15              | QPSK       | 1  | 1495 | 3015 | 3020 | 3025 | 3030 | 3035 | 3040 |
| 15              | QPSK       | 1  | 1510 | 3020 | 3025 | 3030 | 3035 | 3040 | 3045 |
| 15              | QPSK       | 1  | 1525 | 3025 | 3030 | 3035 | 3040 | 3045 | 3050 |
| 15              | QPSK       | 1  | 1540 | 3030 | 3035 | 3040 | 3045 | 3050 | 3055 |
| 15              | QPSK       | 1  | 1555 | 3035 | 3040 | 3045 | 3050 | 3055 | 3060 |
| 15              | QPSK       | 1  | 1570 | 3040 | 3045 | 3050 | 3055 | 3060 | 3065 |
| 15              | QPSK       | 1  | 1585 | 3045 | 3050 | 3055 | 3060 | 3065 | 3070 |
| 15              | QPSK       | 1  | 1600 | 3050 | 3055 | 3060 | 3065 | 3070 | 3075 |
| 15              | QPSK       | 1  | 1615 | 3055 | 3060 | 3065 | 3070 | 3075 | 3080 |
| 15              | QPSK       | 1  | 1630 | 3060 | 3065 | 3070 | 3075 | 3080 | 3085 |
| 15              | QPSK       | 1  | 1645 | 3065 | 3070 | 3075 | 3080 | 3085 | 3090 |
| 15              | QPSK       | 1  | 1660 | 3070 | 3075 | 3080 | 3085 | 3090 | 3095 |
| 15              | QPSK       | 1  | 1675 | 3075 | 3080 | 3085 | 3090 | 3095 | 3100 |
| 15              | QPSK       | 1  | 1690 | 3080 | 3085 | 3090 | 3095 | 3100 | 3105 |
| 15              | QPSK       | 1  | 1705 | 3085 | 3090 | 3095 | 3100 | 3105 | 3110 |
| 15              | QPSK       | 1  | 1720 | 3090 | 3095 | 3100 | 3105 | 3110 | 3115 |
| 15              | QPSK       | 1  | 1735 | 3095 | 3100 | 3105 | 3110 | 3115 | 3120 |
| 15              | QPSK       | 1  | 1750 | 3100 | 3105 | 3110 | 3115 | 3120 | 3125 |
| 15              | QPSK       | 1  | 1765 | 3105 | 3110 | 3115 | 3120 | 3125 | 3130 |
| 15              | QPSK       | 1  | 1780 | 3110 | 3115 | 3120 | 3125 | 3130 | 3135 |
| 15              | QPSK       | 1  | 1795 | 3115 | 3120 | 3125 | 3130 | 3135 | 3140 |
| 15              | QPSK       | 1  | 1810 | 3120 | 3125 | 3130 | 3135 | 3140 | 3145 |
| 15              | QPSK       | 1  | 1825 | 3125 | 3130 | 3135 | 3140 | 3145 | 3150 |
| 15              | QPSK       | 1  | 1840 | 3130 | 3135 | 3140 | 3145 | 3150 | 3155 |
| 15              | QPSK       | 1  | 1855 | 3135 | 3140 | 3145 | 3150 | 3155 | 3160 |
| 15              | QPSK       | 1  | 1870 | 3140 | 3145 | 3150 | 3155 | 3160 | 3165 |
| 15              | QPSK       | 1  | 1885 | 3145 | 3150 | 3155 | 3160 | 3165 | 3170 |
| 15              | QPSK       | 1  | 1900 | 3150 | 3155 | 3160 | 3165 | 3170 | 3175 |
| 15              | QPSK       | 1  | 1915 | 3155 | 3160 | 3165 | 3170 | 3175 | 3180 |
| 15              | QPSK       | 1  | 1930 | 3160 | 3165 | 3170 | 3175 | 3180 | 3185 |
| 15              | QPSK       | 1  | 1945 | 3165 | 3170 | 3175 | 3180 | 3185 | 3190 |
| 15              | QPSK       | 1  | 1960 | 3170 | 3175 | 3180 | 3185 | 3190 | 3195 |
| 15              | QPSK       | 1  | 1975 | 3175 | 3180 | 3185 | 3190 | 3195 | 3200 |
| 15              | QPSK       | 1  | 1990 | 3180 | 3185 | 3190 | 3195 | 3200 | 3205 |
| 15              | QPSK       | 1  | 2005 | 3185 | 3190 | 3195 | 3200 | 3205 | 3210 |
| 15              | QPSK       | 1  | 2020 | 3190 | 3195 | 3200 | 3205 | 3210 | 3215 |
| 15              | QPSK       | 1  | 2035 | 3195 | 3200 | 3205 | 3210 | 3215 | 3220 |
| 15              | QPSK       | 1  | 2050 | 3200 | 3205 | 3210 | 3215 | 3220 | 3225 |
| 15              | QPSK       | 1  | 2065 | 3205 | 3210 | 3215 | 3220 | 3225 | 3230 |
| 15              | QPSK       | 1  | 2080 | 3210 | 3215 | 3220 | 3225 | 3230 | 3235 |
| 15              | QPSK       | 1  | 2095 | 3215 | 3220 | 3225 | 3230 | 3235 | 3240 |
| 15              | QPSK       | 1  | 2110 | 3220 | 32   |      |      |      |      |

| Band 25_Ant 3   |            |           |                |           |           |            |           |                |           |           |            |            |           |                |           |           |
|-----------------|------------|-----------|----------------|-----------|-----------|------------|-----------|----------------|-----------|-----------|------------|------------|-----------|----------------|-----------|-----------|
| Ref. (MHz)      | Modulation | File Name | File Size (MB) | File Type | Low Power | Modulation | File Name | File Size (MB) | File Type | Low Power | Ref. (MHz) | Modulation | File Name | File Size (MB) | File Type | Low Power |
| Channel         |            |           |                |           |           |            |           |                |           |           |            |            |           |                |           |           |
| Frequency (MHz) |            |           |                |           |           |            |           |                |           |           |            |            |           |                |           |           |
| 1               | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 2               | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 3               | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 4               | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 5               | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 6               | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 7               | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 8               | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 9               | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 10              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 11              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 12              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 13              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 14              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 15              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 16              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 17              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 18              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 19              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 20              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 21              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 22              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 23              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 24              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 25              | QPSK       | 1         | 16             | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| Channel         |            |           |                |           |           |            |           |                |           |           |            |            |           |                |           |           |
| Frequency (MHz) |            |           |                |           |           |            |           |                |           |           |            |            |           |                |           |           |
| 1               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 2               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 3               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 4               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 5               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 6               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 7               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 8               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 9               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 10              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 11              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 12              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 13              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 14              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 15              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 16              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 17              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 18              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 19              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 20              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 21              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 22              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 23              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 24              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 25              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| Channel         |            |           |                |           |           |            |           |                |           |           |            |            |           |                |           |           |
| Frequency (MHz) |            |           |                |           |           |            |           |                |           |           |            |            |           |                |           |           |
| 1               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 2               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 3               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 4               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 5               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 6               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 7               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 8               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 9               | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 10              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 11              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 12              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 13              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 14              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 15              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 16              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 17              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 18              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 19              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 20              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 21              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 22              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 23              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 24              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| 25              | QPSK       | 1         | 8              | 16.00     | 16.00     | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     | 16.00      | 16.00      | 16.00     | 16.00          | 16.00     | 16.00     |
| Channel         |            |           |                |           |           |            |           |                |           |           |            |            |           |                |           |           |
| Frequency (MHz) |            |           |                |           |           |            |           |                |           |           |            |            |           |                |           |           |
| 1               | QPSK       | 1         | 8              | 16.00     |           |            |           |                |           |           |            |            |           |                |           |           |

| Band 26(FCC)_Ant 0 |            |           |           |                   |                   |                   |                     |          |  |  |
|--------------------|------------|-----------|-----------|-------------------|-------------------|-------------------|---------------------|----------|--|--|
| Site (MHz)         | Modulation | IS Size   | IS Offset | Power (Ch / Freq) | Power (Ch / Freq) | Power (Ch / Freq) | Time-up limit (min) | MFR (dB) |  |  |
| Channel            |            |           |           |                   |                   |                   |                     |          |  |  |
| Frequency (MHz)    | IS Size    | IS Offset | IS B1.5   | B1.5              | B1.5              | B1.5              | Time-up limit (min) | MFR (dB) |  |  |
| 15.0000            | 1          | 0         | 23.80     | 23.80             | 23.80             | 23.80             | 25                  | 0        |  |  |
| 15.0000            | 1          | 74        | 23.76     | 23.80             | 23.76             | 23.76             | 25                  | 0        |  |  |
| 15.0000            | 1          | 148       | 23.72     | 23.80             | 23.72             | 23.72             | 25                  | 0        |  |  |
| 15.0000            | 1          | 222       | 23.68     | 23.80             | 23.68             | 23.68             | 25                  | 0        |  |  |
| 15.0000            | 1          | 296       | 23.64     | 23.80             | 23.64             | 23.64             | 25                  | 0        |  |  |
| 15.0000            | 1          | 370       | 23.60     | 23.80             | 23.60             | 23.60             | 25                  | 0        |  |  |
| 15.0000            | 1          | 444       | 23.56     | 23.80             | 23.56             | 23.56             | 25                  | 0        |  |  |
| 15.0000            | 1          | 518       | 23.52     | 23.80             | 23.52             | 23.52             | 25                  | 0        |  |  |
| 15.0000            | 1          | 592       | 23.48     | 23.80             | 23.48             | 23.48             | 25                  | 0        |  |  |
| 15.0000            | 1          | 666       | 23.44     | 23.80             | 23.44             | 23.44             | 25                  | 0        |  |  |
| 15.0000            | 1          | 740       | 23.40     | 23.80             | 23.40             | 23.40             | 25                  | 0        |  |  |
| 15.0000            | 1          | 814       | 23.36     | 23.80             | 23.36             | 23.36             | 25                  | 0        |  |  |
| 15.0000            | 1          | 888       | 23.32     | 23.80             | 23.32             | 23.32             | 25                  | 0        |  |  |
| 15.0000            | 1          | 962       | 23.28     | 23.80             | 23.28             | 23.28             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1036      | 23.24     | 23.80             | 23.24             | 23.24             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1110      | 23.20     | 23.80             | 23.20             | 23.20             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1184      | 23.16     | 23.80             | 23.16             | 23.16             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1258      | 23.12     | 23.80             | 23.12             | 23.12             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1332      | 23.08     | 23.80             | 23.08             | 23.08             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1406      | 23.04     | 23.80             | 23.04             | 23.04             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1480      | 23.00     | 23.80             | 23.00             | 23.00             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1554      | 22.96     | 23.80             | 22.96             | 22.96             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1628      | 22.92     | 23.80             | 22.92             | 22.92             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1702      | 22.88     | 23.80             | 22.88             | 22.88             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1776      | 22.84     | 23.80             | 22.84             | 22.84             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1850      | 22.80     | 23.80             | 22.80             | 22.80             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1924      | 22.76     | 23.80             | 22.76             | 22.76             | 25                  | 0        |  |  |
| 15.0000            | 1          | 1998      | 22.72     | 23.80             | 22.72             | 22.72             | 25                  | 0        |  |  |
| 15.0000            | 1          | 2072      | 22.68     | 23.80             | 22.68             | 22.68             | 25                  | 0        |  |  |
| 15.0000            | 1          | 2146      | 22.64     | 23.80             | 22.64             | 22.64             | 25                  | 0        |  |  |
| 15.0000            | 1          | 2220      | 22.60     | 23.80             | 22.60             | 22.60             | 25                  | 0        |  |  |
| 15.0000            | 1          | 2294      | 22.56     | 23.80             | 22.56             | 22.56             | 25                  | 0        |  |  |
| 15.0000            | 1          | 2368      | 22.52     | 23.80             | 22.52             | 22.52             | 25                  | 0        |  |  |
| 15.0000            | 1          | 2442      | 22.48     | 23.80             | 22.48             | 22.48             | 25                  | 0        |  |  |
| 15.0000            | 1          | 2516      | 22.44     | 23.80             | 22.44             | 22.44             | 25                  | 0        |  |  |
| 15.0000            | 1          | 2590      | 22.40     | 23.80             | 22.40             | 22.40             | 25                  | 0        |  |  |
| 15.0000            | 1          | 2664      | 22.36     | 23.80             | 22.36             | 22.36             | 25                  | 0        |  |  |
| 15.0000            | 1          | 2738      | 22.32     | 23.80             | 22.32             | 22.32             | 25                  | 0        |  |  |
| 15.0000            | 1          | 2812      | 22.28     | 23.80             | 22.28             | 22.28             | 25                  | 0        |  |  |
| 15.0000            | 1          | 2886      | 22.24     | 23.80             | 22.24             | 22.24             | 25                  | 0        |  |  |
| 15.0000            | 1          | 2960      | 22.20     | 23.80             | 22.20             | 22.20             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3034      | 22.16     | 23.80             | 22.16             | 22.16             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3108      | 22.12     | 23.80             | 22.12             | 22.12             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3182      | 22.08     | 23.80             | 22.08             | 22.08             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3256      | 22.04     | 23.80             | 22.04             | 22.04             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3330      | 22.00     | 23.80             | 22.00             | 22.00             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3404      | 21.96     | 23.80             | 21.96             | 21.96             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3478      | 21.92     | 23.80             | 21.92             | 21.92             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3552      | 21.88     | 23.80             | 21.88             | 21.88             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3626      | 21.84     | 23.80             | 21.84             | 21.84             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3700      | 21.80     | 23.80             | 21.80             | 21.80             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3774      | 21.76     | 23.80             | 21.76             | 21.76             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3848      | 21.72     | 23.80             | 21.72             | 21.72             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3922      | 21.68     | 23.80             | 21.68             | 21.68             | 25                  | 0        |  |  |
| 15.0000            | 1          | 3996      | 21.64     | 23.80             | 21.64             | 21.64             | 25                  | 0        |  |  |
| 15.0000            | 1          | 4070      | 21.60     | 23.80             | 21.60             | 21.60             | 25                  | 0        |  |  |
| 15.0000            | 1          | 4144      | 21.56     | 23.80             | 21.56             | 21.56             | 25                  | 0        |  |  |
| 15.0000            | 1          | 4218      | 21.52     | 23.80             | 21.52             | 21.52             | 25                  | 0        |  |  |
| 15.0000            | 1          | 4292      | 21.48     | 23.80             | 21.48             | 21.48             | 25                  | 0        |  |  |
| 15.0000            | 1          | 4366      | 21.44     | 23.80             | 21.44             | 21.44             | 25                  | 0        |  |  |
| 15.0000            | 1          | 4440      | 21.40     | 23.80             | 21.40             | 21.40             | 25                  | 0        |  |  |
| 15.0000            | 1          | 4514      | 21.36     | 23.80             | 21.36             | 21.36             | 25                  | 0        |  |  |
| 15.0000            | 1          | 4588      | 21.32     | 23.80             | 21.32             | 21.32             | 25                  | 0        |  |  |
| 15.0000            | 1          | 4662      | 21.28     | 23.80             | 21.28             | 21.28             | 25                  | 0        |  |  |
| 15.0000            | 1          | 4736      | 21.24     | 23.80             | 21.24             | 21.24             | 25                  | 0        |  |  |
| 15.0000            | 1          | 4810      | 21.20     | 23.80             | 21.20             | 21.20             | 25                  | 0        |  |  |
| 15.0000            | 1          | 4884      | 21.16     | 23.80             | 21.16             | 21.16             | 25                  | 0        |  |  |
| 15.0000            | 1          | 4958      | 21.12     | 23.80             | 21.12             | 21.12             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5032      | 21.08     | 23.80             | 21.08             | 21.08             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5106      | 21.04     | 23.80             | 21.04             | 21.04             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5180      | 21.00     | 23.80             | 21.00             | 21.00             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5254      | 20.96     | 23.80             | 20.96             | 20.96             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5328      | 20.92     | 23.80             | 20.92             | 20.92             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5402      | 20.88     | 23.80             | 20.88             | 20.88             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5476      | 20.84     | 23.80             | 20.84             | 20.84             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5550      | 20.80     | 23.80             | 20.80             | 20.80             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5624      | 20.76     | 23.80             | 20.76             | 20.76             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5698      | 20.72     | 23.80             | 20.72             | 20.72             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5772      | 20.68     | 23.80             | 20.68             | 20.68             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5846      | 20.64     | 23.80             | 20.64             | 20.64             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5920      | 20.60     | 23.80             | 20.60             | 20.60             | 25                  | 0        |  |  |
| 15.0000            | 1          | 5994      | 20.56     | 23.80             | 20.56             | 20.56             | 25                  | 0        |  |  |
| 15.0000            | 1          | 6068      | 20.52     | 23.80             | 20.52             | 20.52             | 25                  | 0        |  |  |
| 15.0000            | 1          | 6142      | 20.48     | 23.80             | 20.48             | 20.48             | 25                  | 0        |  |  |
| 15.0000            | 1          | 6216      | 20.44     | 23.80             | 20.44             | 20.44             | 25                  | 0        |  |  |
| 15.0000            | 1          | 6290      | 20.40     | 23.80             | 20.40             | 20.40             | 25                  | 0        |  |  |
| 15.0000            | 1          | 6364      | 20.36     | 23.80             | 20.36             | 20.36             | 25                  | 0        |  |  |
| 15.0000            | 1          | 6438      | 20.32     | 23.80             | 20.32             | 20.32             | 25                  | 0        |  |  |
| 15.0000            | 1          | 6512      | 20.28     | 23.80             | 20.28             | 20.28             | 25                  | 0        |  |  |
| 15.0000            | 1          | 6586      | 20.24     | 23.80             | 20.24             | 20.24             | 25                  | 0        |  |  |
| 15.0000            | 1          | 6660      | 20.20     | 23.80             | 20.20             | 20.20             | 25                  | 0        |  |  |
| 15.0000            | 1          | 6734      | 20.16     | 23.80             | 20.16             | 20.16             | 25                  | 0        |  |  |
| 15.0000            | 1          | 6808      | 20.12     | 23.80             | 20.12             | 20.12             | 25                  | 0        |  |  |
| 15.0000            | 1          | 6882      | 20.08     | 23.80             | 20.08             | 20.08             | 25                  | 0        |  |  |
| 15.0000            | 1          | 6956      | 20.04     | 23.80             | 20.04             | 20.04             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7030      | 20.00     | 23.80             | 20.00             | 20.00             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7104      | 19.96     | 23.80             | 19.96             | 19.96             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7178      | 19.92     | 23.80             | 19.92             | 19.92             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7252      | 19.88     | 23.80             | 19.88             | 19.88             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7326      | 19.84     | 23.80             | 19.84             | 19.84             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7400      | 19.80     | 23.80             | 19.80             | 19.80             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7474      | 19.76     | 23.80             | 19.76             | 19.76             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7548      | 19.72     | 23.80             | 19.72             | 19.72             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7622      | 19.68     | 23.80             | 19.68             | 19.68             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7696      | 19.64     | 23.80             | 19.64             | 19.64             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7770      | 19.60     | 23.80             | 19.60             | 19.60             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7844      | 19.56     | 23.80             | 19.56             | 19.56             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7918      | 19.52     | 23.80             | 19.52             | 19.52             | 25                  | 0        |  |  |
| 15.0000            | 1          | 7992      | 19.48     | 23.80             | 19.48             | 19.48             | 25                  | 0        |  |  |
| 15.0000            | 1          | 8066      | 19.44     | 23.80             | 19.44             | 19.44             | 25                  | 0        |  |  |
| 15.0000            | 1          | 8140      | 19.40     | 23.80             | 19.40             | 19.40             | 25                  | 0        |  |  |
| 15.0000            | 1          | 8214      | 19.36     | 23.80             | 19.36             | 19.36             | 25                  | 0        |  |  |
| 15.0000            | 1          | 8288      | 19.32     | 23.80             | 19.32             | 19.32             | 25                  | 0        |  |  |
| 15.0000            | 1          | 8362      | 19.28     | 23.80             | 19.28             | 19.28             | 25                  | 0        |  |  |
| 15.0000            | 1          | 8436      | 19.24     | 23.80             | 19.24             | 19.24             | 25                  | 0        |  |  |
| 15.0000            | 1          | 8510      | 19.20     | 23.80             | 19.20             | 19.20             | 25                  | 0        |  |  |
| 15.0000            | 1          | 8584      | 19.16     | 23.80             | 19.16             | 19.16             | 25                  | 0        |  |  |
| 15.0000            | 1          | 8658      | 19.12     | 23.80             | 19.12             | 19.12             | 25                  | 0        |  |  |
| 15.0000            | 1          | 8732      | 19.08     | 23.80             | 19.08             | 19.08             | 25                  | 0        |  |  |
| 15.0000            | 1          | 8806      | 19.04     | 23.80             | 19.04             | 19.04             | 25                  | 0        |  |  |
| 15.0000            | 1          | 8880      | 19.00     | 23.80             | 19.00             | 19.00             | 25                  | 0        |  |  |
| 15.0000            | 1          | 8954      | 18.96     | 23.80             | 18.96             | 18.96             | 25                  | 0        |  |  |
| 15.0000            | 1          | 9028      | 18.92     | 23.80             | 18.92             | 18.92             | 25                  | 0        |  |  |
| 15.0000            | 1          | 9102      | 18.88     | 23.80             | 18.88             | 18.88             | 25                  | 0        |  |  |
| 15.0000            | 1          | 9176      | 18.84     | 23.80             | 18.84             | 18.84             | 25                  | 0        |  |  |
| 15.0000            | 1          | 9250      | 18.80     | 23.80             | 18.80             | 18.80             | 25                  | 0        |  |  |
| 15.0000            | 1          | 9324      | 18.76     | 23.80             | 18.76             | 18.76             | 25                  | 0        |  |  |
| 15.0000            | 1          | 9398      | 18.72     | 23.80             | 18.72             | 18.72             | 25                  | 0        |  |  |
| 15.0000            | 1          | 9472      | 18.68     | 23.80             | 18.68             | 18.68             | 25                  | 0        |  |  |
| 15.0000            | 1          | 9546      | 18.64     | 23.80             | 18.64             | 18.64             | 25                  | 0        |  |  |
| 15.0000            | 1          | 9620      | 18.60     | 23.80             | 18.60             | 18.60             | 25                  | 0        |  |  |
| 15.0000            | 1          | 9694      | 18.56     | 23.80             | 18.56             | 18.56             | 25                  | 0        |  |  |
| 15.0000            | 1          | 9768      | 18.52     | 23.80             | 18.52             | 18.52             | 25                  | 0        |  |  |
| 15.0000            | 1          | 9842      | 18.48     | 23.80             | 18.48             | 18.48             | 25                  | 0        |  |  |

| Band 48_Ant 4   |            |            |              |                         |                                   |                                    |                          |                           |             |  |
|-----------------|------------|------------|--------------|-------------------------|-----------------------------------|------------------------------------|--------------------------|---------------------------|-------------|--|
| BW<br>[MHz]     | Modulation | RB<br>Size | RB<br>Offset | Power Low<br>Ch. / Freq | Power Low<br>Middle<br>Ch. / Freq | Power High<br>Middle<br>Ch. / Freq | Power High<br>Ch. / Freq | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |            |              | 55340                   | 55830                             | 56150                              | 56640                    |                           |             |  |
| Frequency (MHz) |            |            |              | 3560                    | 3609                              | 3641                               | 3690                     |                           |             |  |
| 20              | QPSK       | 1          | 0            | 21.88                   | 22.03                             | 22.47                              | 22.38                    | 23                        | 0           |  |
| 20              | QPSK       | 1          | 49           | 21.80                   | 21.95                             | 22.45                              | 22.30                    |                           |             |  |
| 20              | QPSK       | 1          | 99           | 21.86                   | 21.96                             | 22.42                              | 22.37                    |                           |             |  |
| 20              | QPSK       | 50         | 0            | 21.79                   | 22.00                             | 22.37                              | 22.36                    |                           |             |  |
| 20              | QPSK       | 50         | 24           | 21.77                   | 21.95                             | 22.32                              | 22.27                    | 23                        | 0           |  |
| 20              | QPSK       | 50         | 50           | 21.70                   | 21.93                             | 22.31                              | 22.27                    |                           |             |  |
| 20              | QPSK       | 100        | 0            | 21.69                   | 21.90                             | 22.33                              | 22.30                    |                           |             |  |
| 20              | 16QAM      | 1          | 0            | 21.73                   | 21.98                             | 22.33                              | 22.34                    |                           |             |  |
| 20              | 16QAM      | 1          | 49           | 21.77                   | 21.98                             | 22.32                              | 22.35                    | 23                        | 0           |  |
| 20              | 16QAM      | 1          | 99           | 21.71                   | 21.92                             | 22.28                              | 22.34                    |                           |             |  |
| 20              | 16QAM      | 50         | 0            | 20.74                   | 20.93                             | 21.30                              | 21.33                    |                           |             |  |
| 20              | 16QAM      | 50         | 24           | 20.75                   | 20.99                             | 21.34                              | 21.29                    |                           |             |  |
| 20              | 16QAM      | 50         | 50           | 20.72                   | 20.97                             | 21.36                              | 21.27                    | 22                        | 1           |  |
| 20              | 16QAM      | 100        | 0            | 20.73                   | 20.91                             | 21.31                              | 21.32                    |                           |             |  |
| 20              | 64QAM      | 1          | 0            | 20.75                   | 20.95                             | 21.36                              | 21.26                    |                           |             |  |
| 20              | 64QAM      | 1          | 49           | 20.72                   | 20.96                             | 21.34                              | 21.26                    |                           |             |  |
| 20              | 64QAM      | 1          | 99           | 20.69                   | 20.93                             | 21.31                              | 21.35                    | 21                        | 2           |  |
| 20              | 64QAM      | 50         | 0            | 19.73                   | 19.95                             | 20.30                              | 20.30                    |                           |             |  |
| 20              | 64QAM      | 50         | 24           | 19.71                   | 19.94                             | 20.34                              | 20.31                    |                           |             |  |
| 20              | 64QAM      | 50         | 50           | 19.69                   | 19.99                             | 20.28                              | 20.29                    |                           |             |  |
| 20              | 64QAM      | 100        | 0            | 19.69                   | 19.90                             | 20.27                              | 20.28                    | 19                        | 4           |  |
| 20              | 256QAM     | 1          | 0            | 17.77                   | 17.91                             | 18.27                              | 18.32                    |                           |             |  |
| 20              | 256QAM     | 1          | 49           | 17.71                   | 17.99                             | 18.36                              | 18.26                    |                           |             |  |
| 20              | 256QAM     | 1          | 99           | 17.75                   | 17.96                             | 18.29                              | 18.35                    |                           |             |  |
| 20              | 256QAM     | 50         | 0            | 17.73                   | 17.90                             | 18.28                              | 18.32                    | 19                        | 4           |  |
| 20              | 256QAM     | 50         | 24           | 17.78                   | 17.91                             | 18.27                              | 18.33                    |                           |             |  |
| 20              | 256QAM     | 50         | 50           | 17.78                   | 17.93                             | 18.31                              | 18.29                    |                           |             |  |
| 20              | 256QAM     | 100        | 0            | 17.70                   | 17.98                             | 18.27                              | 18.35                    |                           |             |  |
| Channel         |            |            |              | 55315                   | 55820                             | 56160                              | 56665                    | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |            |              | 3557.5                  | 3608                              | 3642                               | 3692.5                   |                           |             |  |
| 15              | QPSK       | 1          | 0            | 22.07                   | 22.04                             | 22.41                              | 22.38                    | 23                        | 0           |  |
| 15              | QPSK       | 1          | 37           | 22.01                   | 21.87                             | 22.31                              | 22.36                    |                           |             |  |
| 15              | QPSK       | 1          | 74           | 21.96                   | 22.02                             | 22.34                              | 22.27                    |                           |             |  |
| 15              | QPSK       | 36         | 0            | 21.97                   | 21.99                             | 22.34                              | 22.35                    |                           |             |  |
| 15              | QPSK       | 36         | 20           | 21.92                   | 21.98                             | 22.20                              | 22.30                    | 23                        | 0           |  |
| 15              | QPSK       | 36         | 39           | 21.96                   | 21.98                             | 22.30                              | 22.23                    |                           |             |  |
| 15              | QPSK       | 75         | 0            | 21.89                   | 21.99                             | 22.30                              | 22.27                    |                           |             |  |
| 15              | 16QAM      | 1          | 0            | 21.89                   | 21.86                             | 22.19                              | 22.19                    |                           |             |  |
| 15              | 16QAM      | 1          | 37           | 22.01                   | 22.03                             | 22.29                              | 22.21                    | 23                        | 0           |  |
| 15              | 16QAM      | 1          | 74           | 21.92                   | 21.96                             | 22.27                              | 22.26                    |                           |             |  |
| 15              | 16QAM      | 36         | 0            | 20.95                   | 20.94                             | 21.18                              | 21.26                    |                           |             |  |
| 15              | 16QAM      | 36         | 20           | 20.93                   | 21.03                             | 21.27                              | 21.29                    |                           |             |  |
| 15              | 16QAM      | 36         | 39           | 20.95                   | 20.95                             | 21.27                              | 21.29                    | 22                        | 1           |  |
| 15              | 16QAM      | 75         | 0            | 20.95                   | 20.87                             | 21.22                              | 21.17                    |                           |             |  |
| 15              | 64QAM      | 1          | 0            | 20.90                   | 21.01                             | 21.29                              | 21.23                    |                           |             |  |
| 15              | 64QAM      | 1          | 37           | 20.89                   | 20.94                             | 21.33                              | 21.24                    |                           |             |  |
| 15              | 64QAM      | 1          | 74           | 20.94                   | 20.90                             | 21.28                              | 21.26                    | 22                        | 1           |  |
| 15              | 64QAM      | 36         | 0            | 19.91                   | 19.91                             | 20.17                              | 20.19                    |                           |             |  |
| 15              | 64QAM      | 36         | 20           | 19.94                   | 19.99                             | 20.32                              | 20.22                    |                           |             |  |
| 15              | 64QAM      | 36         | 39           | 20.02                   | 20.03                             | 20.26                              | 20.15                    |                           |             |  |
| 15              | 64QAM      | 75         | 0            | 19.92                   | 19.87                             | 20.12                              | 20.21                    | 19                        | 4           |  |
| 15              | 256QAM     | 1          | 0            | 17.94                   | 17.94                             | 18.21                              | 18.24                    |                           |             |  |
| 15              | 256QAM     | 1          | 37           | 17.95                   | 17.98                             | 18.27                              | 18.25                    |                           |             |  |
| 15              | 256QAM     | 1          | 74           | 18.00                   | 17.95                             | 18.24                              | 18.26                    |                           |             |  |
| 15              | 256QAM     | 36         | 0            | 17.95                   | 17.92                             | 18.18                              | 18.26                    | 19                        | 4           |  |
| 15              | 256QAM     | 36         | 20           | 17.98                   | 17.98                             | 18.26                              | 18.12                    |                           |             |  |
| 15              | 256QAM     | 36         | 39           | 17.93                   | 17.92                             | 18.18                              | 18.16                    |                           |             |  |
| 15              | 256QAM     | 75         | 0            | 18.03                   | 18.03                             | 18.20                              | 18.26                    |                           |             |  |
| Channel         |            |            |              | 55290                   | 55815                             | 56165                              | 56690                    | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |            |              | 3555                    | 3607.5                            | 3642.5                             | 3695                     |                           |             |  |
| 10              | QPSK       | 1          | 0            | 21.99                   | 21.95                             | 22.41                              | 22.35                    | 23                        | 0           |  |
| 10              | QPSK       | 1          | 25           | 22.01                   | 22.01                             | 22.43                              | 22.39                    |                           |             |  |
| 10              | QPSK       | 1          | 49           | 21.97                   | 21.89                             | 22.39                              | 22.38                    |                           |             |  |
| 10              | QPSK       | 25         | 0            | 21.99                   | 21.97                             | 22.33                              | 22.26                    |                           |             |  |
| 10              | QPSK       | 25         | 12           | 22.01                   | 21.96                             | 22.28                              | 22.24                    | 23                        | 0           |  |
| 10              | QPSK       | 25         | 25           | 21.93                   | 21.91                             | 22.22                              | 22.19                    |                           |             |  |
| 10              | QPSK       | 50         | 0            | 21.95                   | 21.91                             | 22.23                              | 22.18                    |                           |             |  |
| 10              | 16QAM      | 1          | 0            | 21.98                   | 21.94                             | 22.29                              | 22.15                    |                           |             |  |
| 10              | 16QAM      | 1          | 25           | 21.90                   | 21.92                             | 22.29                              | 22.30                    | 23                        | 0           |  |
| 10              | 16QAM      | 1          | 49           | 21.87                   | 21.83                             | 22.21                              | 22.16                    |                           |             |  |
| 10              | 16QAM      | 25         | 0            | 20.93                   | 20.92                             | 21.22                              | 21.25                    |                           |             |  |
| 10              | 16QAM      | 25         | 12           | 21.03                   | 21.03                             | 21.23                              | 21.25                    |                           |             |  |
| 10              | 16QAM      | 25         | 25           | 20.91                   | 20.93                             | 21.31                              | 21.27                    | 22                        | 1           |  |
| 10              | 16QAM      | 50         | 0            | 20.92                   | 20.89                             | 21.26                              | 21.20                    |                           |             |  |
| 10              | 64QAM      | 1          | 0            | 20.92                   | 20.96                             | 21.24                              | 21.28                    |                           |             |  |
| 10              | 64QAM      | 1          | 25           | 20.90                   | 20.94                             | 21.31                              | 21.30                    |                           |             |  |
| 10              | 64QAM      | 1          | 49           | 20.84                   | 20.87                             | 21.24                              | 21.30                    | 22                        | 1           |  |
| 10              | 64QAM      | 25         | 0            | 19.82                   | 19.90                             | 20.21                              | 20.22                    |                           |             |  |
| 10              | 64QAM      | 25         | 12           | 19.86                   | 19.97                             | 20.26                              | 20.32                    |                           |             |  |
| 10              | 64QAM      | 25         | 25           | 19.92                   | 19.97                             | 20.25                              | 20.24                    |                           |             |  |
| 10              | 64QAM      | 50         | 0            | 19.95                   | 19.98                             | 20.17                              | 20.16                    | 19                        | 4           |  |
| 10              | 256QAM     | 1          | 0            | 17.92                   | 17.88                             | 18.12                              | 18.16                    |                           |             |  |
| 10              | 256QAM     | 1          | 25           | 17.97                   | 18.01                             | 18.34                              | 18.24                    |                           |             |  |
| 10              | 256QAM     | 1          | 49           | 17.89                   | 17.92                             | 18.20                              | 18.20                    |                           |             |  |
| 10              | 256QAM     | 25         | 0            | 17.89                   | 17.95                             | 18.24                              | 18.23                    | 19                        | 4           |  |
| 10              | 256QAM     | 25         | 12           | 17.88                   | 17.95                             | 18.19                              | 18.19                    |                           |             |  |
| 10              | 256QAM     | 25         | 25           | 17.89                   | 17.96                             | 18.30                              | 18.19                    |                           |             |  |
| 10              | 256QAM     | 50         | 0            | 18.03                   | 17.89                             | 18.23                              | 18.26                    |                           |             |  |
| Channel         |            |            |              | 55265                   | 55810                             | 56170                              | 56715                    | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |            |              | 3552.5                  | 3607                              | 3643                               | 3697.5                   |                           |             |  |
| 5               | QPSK       | 1          | 0            | 22.09                   | 22.02                             | 22.41                              | 22.32                    | 23                        | 0           |  |
| 5               | QPSK       | 1          | 12           | 21.94                   | 21.93                             | 22.42                              | 22.30                    |                           |             |  |
| 5               | QPSK       | 1          | 24           | 21.99                   | 21.91                             | 22.28                              | 22.37                    |                           |             |  |
| 5               | QPSK       | 12         | 0            | 22.02                   | 21.97                             | 22.29                              | 22.26                    |                           |             |  |
| 5               | QPSK       | 12         | 7            | 21.90                   | 22.03                             | 22.27                              | 22.22                    | 23                        | 0           |  |
| 5               | QPSK       | 12         | 13           | 21.92                   | 21.91                             | 22.22                              | 22.23                    |                           |             |  |
| 5               | QPSK       | 25         | 0            | 21.95                   | 21.94                             | 22.18                              | 22.30                    |                           |             |  |
| 5               | 16QAM      | 1          | 0            | 21.96                   | 21.88                             | 22.24                              | 22.20                    |                           |             |  |
| 5               | 16QAM      | 1          | 12           | 21.98                   | 21.97                             | 22.25                              | 22.20                    | 23                        | 0           |  |
| 5               | 16QAM      | 1          | 24           | 21.86                   | 21.89                             | 22.19                              | 22.23                    |                           |             |  |
| 5               | 16QAM      | 12         | 0            | 20.84                   | 20.94                             | 21.22                              | 21.25                    |                           |             |  |
| 5               | 16QAM      | 12         | 7            | 20.92                   | 21.01                             | 21.25                              | 21.24                    |                           |             |  |
| 5               | 16QAM      | 12         | 13           | 20.88                   | 21.02                             | 21.28                              | 21.25                    | 22                        | 1           |  |
| 5               | 16QAM      | 25         | 0            | 20.91                   | 21.00                             | 21.18                              | 21.18                    |                           |             |  |
| 5               | 64QAM      | 1          | 0            | 20.96                   | 21.00                             | 21.31                              | 21.32                    |                           |             |  |
| 5               | 64QAM      | 1          | 12           | 20.89                   | 20.96                             | 21.19                              | 21.26                    |                           |             |  |
| 5               | 64QAM      | 1          | 24           | 20.92                   | 20.88                             | 21.23                              | 21.17                    | 21                        | 2           |  |
| 5               | 64QAM      | 12         | 0            | 19.86                   | 19.86                             | 20.18                              | 20.24                    |                           |             |  |
| 5               | 64QAM      | 12         | 7            | 19.92                   | 19.90                             | 20.30                              | 20.24                    |                           |             |  |
| 5               | 64QAM      | 12         | 13           | 19.97                   | 20.00                             | 20.22                              | 20.20                    |                           |             |  |
| 5               | 64QAM      | 25         | 0            | 19.89                   | 19.84                             | 20.19                              | 20.19                    | 19                        | 4           |  |
| 5               | 256QAM     | 1          | 0            | 17.85                   | 17.94                             | 18.19                              | 18.19                    |                           |             |  |
| 5               | 256QAM     | 1          | 12           | 17.94                   | 17.99                             | 18.29                              | 18.26                    |                           |             |  |
| 5               | 256QAM     | 1          | 24           | 18.00                   | 17.92                             | 18.14                              | 18.25                    | 19                        | 4           |  |
| 5               | 256QAM     | 12         | 0            | 17.94                   | 17.94                             | 18.15                              | 18.18                    |                           |             |  |
| 5               | 256QAM     | 12         | 7            | 17.95                   | 18.01                             | 18.16                              | 18.12                    |                           |             |  |
| 5               | 256QAM     | 12         | 13           | 17.83                   | 17.83                             | 18.16                              | 18.16                    |                           |             |  |
| 5               | 256QAM     | 25         | 0            | 17.90                   | 18.01                             | 18.19                              | 18.21                    |                           |             |  |

## Full &amp; Default Power

| n2_Ant 3        |            |         |           |                     |                     |                      |                    |          |  |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Time-up time (min) | MPE (dB) |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 40              | PUSC-BPSK  | 1       | 1         | 23.69               | 23.71               | 23.83                |                    |          |  |
| 40              | PUSC-BPSK  | 1       | 108       | 23.47               | 23.54               | 23.65                | 25.0               | 0.0      |  |
| 40              | PUSC-BPSK  | 1       | 214       | 23.51               | 23.68               | 23.80                |                    |          |  |
| 40              | PUSC-BPSK  | 108     | 0         | 23.02               | 23.17               | 23.34                | 24.5               | 0.5      |  |
| 40              | PUSC-BPSK  | 108     | 54        | 23.08               | 23.68               | 23.55                | 25.0               | 0.0      |  |
| 40              | PUSC-BPSK  | 108     | 108       | 23.15               | 23.22               | 23.68                |                    |          |  |
| 40              | PUSC-BPSK  | 216     | 0         | 23.21               | 23.24               | 23.70                | 24.5               | 0.5      |  |
| 40              | QPSK       | 1       | 1         | 23.09               | 23.70               | 23.55                |                    |          |  |
| 40              | QPSK       | 1       | 108       | 23.59               | 23.64               | 23.65                | 25.0               | 0.0      |  |
| 40              | QPSK       | 1       | 214       | 23.51               | 23.63               | 23.48                |                    |          |  |
| 40              | QPSK       | 108     | 0         | 22.57               | 22.84               | 22.67                | 24.0               | 1.0      |  |
| 40              | QPSK       | 108     | 54        | 23.05               | 23.08               | 23.55                | 25.0               | 0.0      |  |
| 40              | QPSK       | 108     | 108       | 22.69               | 22.70               | 22.58                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 22.54               | 22.60               | 22.66                | 24.0               | 1.0      |  |
| 40              | 16QAM      | 1       | 1         | 22.48               | 22.31               | 22.25                | 24.0               | 1.0      |  |
| 40              | 16QAM      | 1       | 1         | 21.06               | 20.80               | 20.97                | 22.5               | 2.5      |  |
| 40              | 16QAM      | 1       | 1         | 19.50               | 19.41               | 19.30                | 20.5               | 4.5      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 35              | QPSK       | 1       | 1         | 23.67               | 23.54               | 23.55                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 30              | QPSK       | 1       | 1         | 23.55               | 23.56               | 23.61                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 25              | QPSK       | 1       | 1         | 23.42               | 23.53               | 23.49                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 20              | QPSK       | 1       | 1         | 23.49               | 23.50               | 23.50                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 15              | QPSK       | 1       | 1         | 23.61               | 23.52               | 23.57                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 10              | QPSK       | 1       | 1         | 23.54               | 23.49               | 23.50                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 5               | QPSK       | 1       | 1         | 23.60               | 23.48               | 23.55                | 25.0               | 0.0      |  |

| n5_Ant 0        |            |         |           |                     |                     |                      |                    |          |  |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Time-up time (min) | MPE (dB) |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 20              | PUSC-BPSK  | 1       | 1         | 23.72               |                     |                      |                    |          |  |
| 20              | PUSC-BPSK  | 1       | 95        | 23.72               |                     |                      | 25.0               | 0.0      |  |
| 20              | PUSC-BPSK  | 1       | 131       | 23.70               |                     |                      |                    |          |  |
| 20              | PUSC-BPSK  | 64      | 0         | 23.70               |                     |                      | 24.5               | 0.5      |  |
| 20              | PUSC-BPSK  | 64      | 32        | 23.81               |                     |                      | 25.0               | 0.0      |  |
| 20              | PUSC-BPSK  | 64      | 66        | 23.28               |                     |                      | 24.5               | 0.5      |  |
| 20              | PUSC-BPSK  | 128     | 0         | 23.27               |                     |                      | 25.0               | 0.0      |  |
| 20              | QPSK       | 1       | 1         | 23.62               |                     |                      |                    |          |  |
| 20              | QPSK       | 1       | 65        | 23.70               |                     |                      | 25.0               | 0.0      |  |
| 20              | QPSK       | 1       | 131       | 23.70               |                     |                      |                    |          |  |
| 20              | QPSK       | 64      | 0         | 22.71               |                     |                      | 24.0               | 1.0      |  |
| 20              | QPSK       | 64      | 32        | 23.70               |                     |                      | 25.0               | 0.0      |  |
| 20              | QPSK       | 64      | 66        | 22.80               |                     |                      | 24.0               | 1.0      |  |
| 20              | QPSK       | 128     | 0         | 22.70               |                     |                      | 24.0               | 1.0      |  |
| 20              | 16QAM      | 1       | 1         | 22.41               |                     |                      | 24.0               | 1.0      |  |
| 20              | 16QAM      | 1       | 1         | 20.98               |                     |                      | 22.5               | 2.5      |  |
| 20              | 16QAM      | 1       | 1         | 19.61               |                     |                      | 20.5               | 4.5      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| 20              | QPSK       | 1       | 1         | 23.62               | 23.77               | 23.69                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| 20              | QPSK       | 1       | 1         | 23.67               | 23.75               | 23.50                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| 15              | QPSK       | 1       | 1         | 23.67               | 23.75               | 23.50                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| 10              | QPSK       | 1       | 1         | 23.61               | 23.81               | 23.47                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| 5               | QPSK       | 1       | 1         | 23.71               | 23.76               | 23.57                | 25.0               | 0.0      |  |

| n7_Ant 3        |            |         |           |                     |                        |                      |                    |          |  |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|--------------------|----------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Time-up time (min) | MPE (dB) |  |
| Channel         |            |         |           |                     |                        |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                        |                      |                    |          |  |
| 40              | PUSC-BPSK  | 1       | 1         | 22.16               | 22.37                  | 22.17                |                    |          |  |
| 40              | PUSC-BPSK  | 1       | 130       | 22.23               | 22.40                  | 22.24                | 24.0               | 0.0      |  |
| 40              | PUSC-BPSK  | 1       | 268       | 22.12               | 22.35                  | 22.19                |                    |          |  |
| 40              | PUSC-BPSK  | 130     | 0         | 21.77               | 22.00                  | 22.00                | 23.5               | 0.5      |  |
| 40              | PUSC-BPSK  | 130     | 66        | 22.21               | 22.43                  | 22.19                | 24.0               | 0.0      |  |
| 40              | PUSC-BPSK  | 130     | 130       | 21.88               | 21.87                  | 21.89                | 23.5               | 0.5      |  |
| 40              | PUSC-BPSK  | 270     | 0         | 21.84               | 21.87                  | 21.87                |                    |          |  |
| 40              | QPSK       | 1       | 1         | 22.03               | 22.55                  | 22.40                |                    |          |  |
| 40              | QPSK       | 1       | 130       | 22.12               | 22.43                  | 22.27                | 24.0               | 0.0      |  |
| 40              | QPSK       | 1       | 268       | 22.22               | 22.43                  | 22.19                |                    |          |  |
| 40              | QPSK       | 130     | 0         | 21.34               | 21.39                  | 21.35                | 23.0               | 1.0      |  |
| 40              | QPSK       | 130     | 66        | 21.26               | 22.30                  | 21.21                | 24.0               | 0.0      |  |
| 40              | QPSK       | 130     | 130       | 21.22               | 21.31                  | 21.21                | 23.0               | 1.0      |  |
| 40              | QPSK       | 270     | 0         | 21.21               | 21.20                  | 21.20                |                    |          |  |
| 40              | 16QAM      | 1       | 1         | 21.12               | 21.22                  | 21.17                | 23.0               | 1.0      |  |
| 40              | 16QAM      | 1       | 1         | 19.81               | 19.82                  | 19.81                | 21.0               | 2.5      |  |
| 40              | 16QAM      | 1       | 1         | 18.18               | 18.21                  | 18.20                | 19.5               | 4.5      |  |
| Channel         |            |         |           |                     |                        |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                        |                      |                    |          |  |
| 40              | QPSK       | 1       | 1         | 22.18               | 22.40                  | 22.34                | 24.0               | 0.0      |  |
| Channel         |            |         |           |                     |                        |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                        |                      |                    |          |  |
| 30              | QPSK       | 1       | 1         | 22.22               | 22.47                  | 22.41                | 24.0               | 0.0      |  |
| Channel         |            |         |           |                     |                        |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                        |                      |                    |          |  |
| 25              | QPSK       | 1       | 1         | 22.30               | 22.42                  | 22.30                | 24.0               | 0.0      |  |
| Channel         |            |         |           |                     |                        |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                        |                      |                    |          |  |
| 20              | QPSK       | 1       | 1         | 22.30               | 22.40                  | 22.30                | 24.0               | 0.0      |  |
| Channel         |            |         |           |                     |                        |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                        |                      |                    |          |  |
| 15              | QPSK       | 1       | 1         | 22.31               | 22.43                  | 22.32                | 24.0               | 0.0      |  |
| Channel         |            |         |           |                     |                        |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                        |                      |                    |          |  |
| 10              | QPSK       | 1       | 1         | 22.32               | 22.51                  | 22.37                | 24.0               | 0.0      |  |
| Channel         |            |         |           |                     |                        |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                        |                      |                    |          |  |
| 5               | QPSK       | 1       | 1         | 22.18               | 22.40                  | 22.30                | 24.0               | 0.0      |  |

| n25_Ant 3       |            |         |           |                     |                     |                      |                    |          |  |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Time-up time (min) | MPE (dB) |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 40              | PUSC-BPSK  | 1       | 1         | 23.54               | 23.61               | 23.50                |                    |          |  |
| 40              | PUSC-BPSK  | 1       | 168       | 23.48               | 23.50               | 23.47                | 25.0               | 0.0      |  |
| 40              | PUSC-BPSK  | 1       | 214       | 23.48               | 23.40               | 23.58                |                    |          |  |
| 40              | PUSC-BPSK  | 168     | 0         | 23.05               | 23.11               | 22.90                | 24.5               | 0.5      |  |
| 40              | PUSC-BPSK  | 168     | 54        | 23.42               | 23.40               | 23.40                | 25.0               | 0.0      |  |
| 40              | PUSC-BPSK  | 168     | 108       | 23.09               | 23.10               | 22.90                | 24.5               | 0.5      |  |
| 40              | PUSC-BPSK  | 216     | 0         | 23.04               | 23.10               | 23.11                |                    |          |  |
| 40              | QPSK       | 1       | 1         | 23.47               | 23.62               | 23.52                |                    |          |  |
| 40              | QPSK       | 1       | 168       | 23.47               | 23.52               | 23.46                | 25.0               | 0.0      |  |
| 40              | QPSK       | 1       | 214       | 23.51               | 23.50               | 23.48                |                    |          |  |
| 40              | QPSK       | 168     | 0         | 22.55               | 22.45               | 22.40                | 24.0               | 1.0      |  |
| 40              | QPSK       | 168     | 54        | 23.10               | 23.57               | 23.47                | 25.0               | 0.0      |  |
| 40              | QPSK       | 168     | 108       | 22.58               | 22.50               | 22.48                | 24.0               | 1.0      |  |
| 40              | QPSK       | 216     | 0         | 22.45               | 22.45               | 22.46                | 24.0               | 1.0      |  |
| 40              | 16QAM      | 1       | 1         | 22.31               | 22.20               | 22.22                | 24.0               | 1.0      |  |
| 40              | 16QAM      | 1       | 1         | 20.82               | 20.71               | 20.74                | 22.0               | 2.5      |  |
| 40              | 16QAM      | 1       | 1         | 19.32               | 19.35               | 19.32                | 20.5               | 4.5      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 35              | QPSK       | 1       | 1         | 23.49               | 23.40               | 23.48                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 30              | QPSK       | 1       | 1         | 23.50               | 23.60               | 23.60                | 25.0               | 0.0      |  |
| 30              | QPSK       | 1       | 1         | 23.47               | 23.45               | 23.39                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 25              | QPSK       | 1       | 1         | 23.46               | 23.39               | 23.40                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 20              | QPSK       | 1       | 1         | 23.45               | 23.36               | 23.37                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 15              | QPSK       | 1       | 1         | 23.42               | 23.33               | 23.33                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 10              | QPSK       | 1       | 1         | 23.48               | 23.38               | 23.38                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 5               | QPSK       | 1       | 1         | 23.50               | 23.37               | 23.37                | 25.0               | 0.0      |  |

| n30_Ant 3       |            |         |           |                     |                     |                      |                    |          |     |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|-----|
| SV [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Time-up time (min) | MFR (dB) |     |
| Channel         |            |         |           |                     |                     |                      |                    |          |     |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |     |
| 10              | PIC-BPSK   | 1       | 1         | 23.71               |                     |                      |                    |          |     |
| 10              | PIC-BPSK   | 1       | 26        | 23.84               |                     |                      |                    | 24.0     | 0.0 |
| 10              | PIC-BPSK   | 1       | 50        | 23.85               |                     |                      |                    |          |     |
| 10              | PIC-BPSK   | 26      | 9         | 23.78               |                     |                      |                    | 25.5     | 0.0 |
| 10              | PIC-BPSK   | 26      | 14        | 23.84               |                     |                      |                    | 24.0     | 0.0 |
| 10              | PIC-BPSK   | 26      | 27        | 23.98               |                     |                      |                    | 23.5     | 0.5 |
| 10              | PIC-BPSK   | 50      | 5         | 23.75               |                     |                      |                    |          |     |
| 10              | QPSK       | 1       | 1         | 23.75               |                     |                      |                    | 24.0     | 0.0 |
| 10              | QPSK       | 1       | 26        | 23.88               |                     |                      |                    |          |     |
| 10              | QPSK       | 1       | 50        | 23.82               |                     |                      |                    |          |     |
| 10              | QPSK       | 26      | 9         | 23.98               |                     |                      |                    | 23.0     | 1.0 |
| 10              | QPSK       | 26      | 14        | 23.55               |                     |                      |                    | 24.0     | 0.0 |
| 10              | QPSK       | 26      | 27        | 22.55               |                     |                      |                    | 23.0     | 1.0 |
| 10              | QPSK       | 50      | 5         | 22.55               |                     |                      |                    |          |     |
| 10              | 16QAM      | 1       | 1         | 22.20               |                     |                      |                    | 22.0     | 1.0 |
| 10              | 16QAM      | 1       | 1         | 22.77               |                     |                      |                    | 23.5     | 2.5 |
| 10              | 16QAM      | 1       | 1         | 19.38               |                     |                      |                    | 19.5     | 4.5 |
| Channel         |            |         |           |                     |                     |                      |                    |          |     |
|                 |            |         |           | 481500              | 482000              | 482500               | Time-up time (min) | MFR (dB) |     |
| Frequency (MHz) |            |         |           | 2381.5              | 2382.5              | 2383.5               |                    |          |     |
| 5               | QPSK       | 1       | 1         | 23.57               | 23.70               | 23.84                | 24.0               | 0.0      |     |

| n66_Ant 3       |            |         |           |                     |                     |                      |                    |          |  |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|--|
| SV [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Time-up time (min) | MFR (dB) |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 45              | PIC-BPSK   | 1       | 1         | 24.30               | 24.85               | 24.88                |                    |          |  |
| 45              | PIC-BPSK   | 1       | 122       | 24.31               | 24.73               | 24.83                | 25.0               | 0.0      |  |
| 45              | PIC-BPSK   | 1       | 243       | 23.93               | 24.31               | 24.73                |                    |          |  |
| 45              | PIC-BPSK   | 122     | 6         | 23.75               | 24.23               | 24.85                | 24.5               | 0.0      |  |
| 45              | PIC-BPSK   | 122     | 60        | 24.05               | 24.44               | 24.88                | 25.0               | 0.0      |  |
| 45              | PIC-BPSK   | 122     | 122       | 24.07               | 24.42               | 24.77                | 24.5               | 0.5      |  |
| 45              | PIC-BPSK   | 243     | 9         | 24.01               | 24.47               | 24.81                |                    |          |  |
| 45              | QPSK       | 1       | 1         | 24.32               | 24.57               | 24.89                |                    | 0.0      |  |
| 45              | QPSK       | 1       | 122       | 24.35               | 24.70               | 24.78                | 25.0               | 0.0      |  |
| 45              | QPSK       | 1       | 243       | 23.42               | 23.70               | 23.82                |                    |          |  |
| 45              | QPSK       | 122     | 6         | 23.25               | 23.67               | 23.84                | 24.0               | 1.0      |  |
| 45              | QPSK       | 122     | 60        | 23.41               | 23.81               | 23.85                | 25.0               | 0.0      |  |
| 45              | QPSK       | 122     | 122       | 23.49               | 23.88               | 23.74                | 24.0               | 1.0      |  |
| 45              | QPSK       | 243     | 9         | 23.45               | 23.85               | 23.88                |                    |          |  |
| 45              | 16QAM      | 1       | 1         | 22.97               | 23.10               | 23.31                | 24.0               | 1.0      |  |
| 45              | 16QAM      | 1       | 1         | 21.48               | 21.72               | 21.92                | 22.0               | 2.5      |  |
| 45              | 16QAM      | 1       | 1         | 20.15               | 20.35               | 20.45                | 20.5               | 4.5      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           | 345000              | 345000              | 350000               | Time-up time (min) | MFR (dB) |  |
|                 |            |         |           | 1725                | 1740                | 1760                 |                    |          |  |
| 40              | QPSK       | 1       | 1         | 24.30               | 24.70               | 24.80                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           | 345000              | 345000              | 350000               | Time-up time (min) | MFR (dB) |  |
|                 |            |         |           | 1727.5              | 1740                | 1760.5               |                    |          |  |
| 35              | QPSK       | 1       | 1         | 24.41               | 24.81               | 24.86                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           | 1725                | 1740                | 1760                 |                    |          |  |
| 30              | QPSK       | 1       | 1         | 24.34               | 24.72               | 24.78                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           | 345000              | 345000              | 350000               | Time-up time (min) | MFR (dB) |  |
|                 |            |         |           | 1727.5              | 1740                | 1760.5               |                    |          |  |
| 25              | QPSK       | 1       | 1         | 24.37               | 24.75               | 24.78                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           | 345000              | 345000              | 350000               | Time-up time (min) | MFR (dB) |  |
|                 |            |         |           | 1727.5              | 1740                | 1760.5               |                    |          |  |
| 20              | QPSK       | 1       | 1         | 24.30               | 24.71               | 24.78                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           | 345000              | 345000              | 350000               | Time-up time (min) | MFR (dB) |  |
|                 |            |         |           | 1711.5              | 1740                | 1770.5               |                    |          |  |
| 15              | QPSK       | 1       | 1         | 24.33               | 24.70               | 24.81                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           | 345000              | 345000              | 350000               | Time-up time (min) | MFR (dB) |  |
|                 |            |         |           | 1715                | 1740                | 1770                 |                    |          |  |
| 10              | QPSK       | 1       | 1         | 24.35               | 24.68               | 24.81                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           | 1719.5              | 1740                | 1771.5               |                    |          |  |
| 5               | QPSK       | 1       | 1         | 24.34               | 24.60               | 24.64                | 25.0               | 0.0      |  |

| n71_Ant 0       |            |         |           |                     |                     |                      |                    |          |  |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|--|
| SV [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Time-up time (min) | MFR (dB) |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 35              | PIC-BPSK   | 1       | 1         | 23.07               | 23.12               | 23.11                |                    |          |  |
| 35              | PIC-BPSK   | 1       | 86        | 23.04               | 23.07               | 23.08                | 25.0               | 0.0      |  |
| 35              | PIC-BPSK   | 1       | 168       | 23.09               | 23.05               | 23.08                |                    |          |  |
| 35              | PIC-BPSK   | 86      | 8         | 22.70               | 22.71               | 22.72                | 24.5               | 0.0      |  |
| 35              | PIC-BPSK   | 86      | 40        | 23.11               | 23.09               | 23.07                | 25.0               | 0.0      |  |
| 35              | PIC-BPSK   | 86      | 80        | 22.98               | 22.70               | 22.84                | 24.5               | 0.0      |  |
| 35              | PIC-BPSK   | 168     | 9         | 22.82               | 22.80               | 22.84                |                    |          |  |
| 35              | QPSK       | 1       | 1         | 23.25               | 23.29               | 23.29                |                    | 0.5      |  |
| 35              | QPSK       | 1       | 86        | 23.18               | 23.19               | 23.05                | 25.0               | 0.0      |  |
| 35              | QPSK       | 1       | 168       | 23.14               | 23.17               | 23.04                |                    |          |  |
| 35              | QPSK       | 86      | 9         | 22.17               | 22.23               | 22.17                | 24.0               | 1.0      |  |
| 35              | QPSK       | 86      | 40        | 23.06               | 23.02               | 23.17                | 25.0               | 0.0      |  |
| 35              | QPSK       | 86      | 80        | 22.18               | 22.23               | 22.21                | 24.0               | 1.0      |  |
| 35              | QPSK       | 168     | 9         | 22.14               | 22.20               | 22.07                |                    |          |  |
| 35              | 16QAM      | 1       | 1         | 22.08               | 22.01               | 22.02                | 24.0               | 1.0      |  |
| 35              | 16QAM      | 1       | 1         | 20.98               | 20.91               | 20.91                | 22.0               | 2.5      |  |
| 35              | 16QAM      | 1       | 1         | 19.84               | 19.80               | 19.80                | 20.5               | 4.5      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           | 185100              | 185100              | 187100               | Time-up time (min) | MFR (dB) |  |
|                 |            |         |           | 925.5               | 980.5               | 984.5                |                    |          |  |
| 25              | QPSK       | 1       | 1         | 23.13               | 23.09               | 23.12                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           | 184800              | 185100              | 187000               | Time-up time (min) | MFR (dB) |  |
|                 |            |         |           | 979                 | 980.5               | 980                  |                    |          |  |
| 20              | QPSK       | 1       | 1         | 23.12               | 23.25               | 23.07                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           | 181100              | 181100              | 181100               | Time-up time (min) | MFR (dB) |  |
|                 |            |         |           | 870.5               | 880.5               | 880.5                |                    |          |  |
| 15              | QPSK       | 1       | 1         | 23.17               | 23.27               | 23.18                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           | 181000              | 181000              | 181000               | Time-up time (min) | MFR (dB) |  |
|                 |            |         |           | 869                 | 869.5               | 869                  |                    |          |  |
| 10              | QPSK       | 1       | 1         | 23.18               | 23.18               | 23.08                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           | 181100              | 181100              | 181100               | Time-up time (min) | MFR (dB) |  |
|                 |            |         |           | 869.5               | 869.5               | 869.5                |                    |          |  |
| 5               | QPSK       | 1       | 1         | 23.23               | 23.22               | 23.05                | 25.0               | 0.0      |  |

| n38_Ant 3       |            |         |           |                             |                                |                              |                        |             |  |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|-------------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 518004                      | 518000                         | 519996                       | 24.0                   | 0.0         |  |
| Frequency (MHz) |            |         |           | 2590.02                     | 2595                           | 2599.98                      |                        |             |  |
| 40              | Pl2 BPSK   | 1       | 1         | 23.03                       | 23.16                          | 23.03                        |                        |             |  |
| 40              | Pl2 BPSK   | 1       | 53        | 22.99                       | 23.14                          | 23.13                        |                        |             |  |
| 40              | Pl2 BPSK   | 1       | 104       | 23.00                       | 23.08                          | 22.96                        | 23.5                   | 0.5         |  |
| 40              | Pl2 BPSK   | 50      | 0         | 22.24                       | 22.25                          | 22.20                        |                        |             |  |
| 40              | Pl2 BPSK   | 50      | 28        | 22.34                       | 23.09                          | 23.08                        |                        |             |  |
| 40              | Pl2 BPSK   | 50      | 56        | 22.13                       | 22.25                          | 22.18                        |                        |             |  |
| 40              | Pl2 BPSK   | 100     | 0         | 22.20                       | 22.29                          | 22.19                        | 24.0                   | 0.0         |  |
| 40              | QPSK       | 1       | 1         | 23.16                       | 23.18                          | 23.16                        |                        |             |  |
| 40              | QPSK       | 1       | 53        | 22.96                       | 23.05                          | 22.90                        |                        |             |  |
| 40              | QPSK       | 1       | 104       | 23.02                       | 23.09                          | 22.95                        |                        |             |  |
| 40              | QPSK       | 50      | 0         | 21.66                       | 21.71                          | 21.65                        | 24.0                   | 0.0         |  |
| 40              | QPSK       | 50      | 28        | 22.97                       | 23.04                          | 22.95                        |                        |             |  |
| 40              | QPSK       | 50      | 56        | 21.84                       | 21.73                          | 21.70                        |                        |             |  |
| 40              | QPSK       | 100     | 0         | 21.70                       | 21.72                          | 21.60                        |                        |             |  |
| 40              | 16QAM      | 1       | 1         | 21.40                       | 21.43                          | 21.29                        | 23.0                   | 1.0         |  |
| 40              | 64QAM      | 1       | 1         | 19.81                       | 19.85                          | 19.89                        |                        |             |  |
| 40              | 256QAM     | 1       | 1         | 18.40                       | 18.56                          | 18.43                        |                        |             |  |
| Channel         |            |         |           | 517000                      | 518000                         | 520000                       |                        | MPR         |  |
| Frequency (MHz) |            |         |           | 2587.5                      | 2595                           | 2602.5                       |                        |             |  |
| 35              | QPSK       | 1       | 1         | 23.12                       | 23.14                          | 23.05                        | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 517002                      | 518000                         | 520998                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2584.93                     | 2595                           | 2604.98                      |                        |             |  |
| 30              | QPSK       | 1       | 1         | 23.10                       | 22.97                          | 23.07                        |                        | 0.0         |  |
| Channel         |            |         |           | 516904                      | 518000                         | 521496                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2582.32                     | 2595                           | 2607.48                      |                        |             |  |
| 25              | QPSK       | 1       | 1         | 23.14                       | 23.03                          | 23.16                        | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 516000                      | 518000                         | 522000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2580                        | 2595                           | 2610                         |                        |             |  |
| 20              | QPSK       | 1       | 1         | 23.11                       | 23.06                          | 23.02                        | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 517002                      | 518000                         | 522998                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2577.51                     | 2595                           | 2612.49                      |                        |             |  |
| 15              | QPSK       | 1       | 1         | 23.14                       | 22.83                          | 23.02                        | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 515004                      | 518000                         | 523996                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2572.02                     | 2595                           | 2614.98                      |                        |             |  |
| 10              | QPSK       | 1       | 1         | 23.12                       | 22.85                          | 23.01                        |                        | 24.0        |  |

| FCC_n41_Ant 3   |            |         |           |                             |                                |                              |                        |             |  |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|-------------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 509202                      | 518988                         | 528000                       | 27.0                   | 0.0         |  |
| Frequency (MHz) |            |         |           | 2546.01                     | 2562.98                        | 2640                         |                        |             |  |
| 100             | Pl2 BPSK   | 1       | 1         | 25.63                       | 25.73                          | 25.69                        |                        |             |  |
| 100             | Pl2 BPSK   | 1       | 137       | 25.48                       | 25.58                          | 25.54                        |                        |             |  |
| 100             | Pl2 BPSK   | 1       | 271       | 25.33                       | 25.41                          | 25.35                        | 26.5                   | 0.5         |  |
| 100             | Pl2 BPSK   | 135     | 0         | 25.06                       | 25.17                          | 25.03                        |                        |             |  |
| 100             | Pl2 BPSK   | 135     | 69        | 25.71                       | 25.76                          | 25.62                        |                        |             |  |
| 100             | Pl2 BPSK   | 135     | 138       | 24.98                       | 25.11                          | 25.04                        |                        |             |  |
| 100             | Pl2 BPSK   | 270     | 0         | 25.04                       | 25.11                          | 25.03                        | 26.5                   | 0.5         |  |
| 100             | QPSK       | 1       | 1         | 25.67                       | 25.80                          | 25.70                        |                        |             |  |
| 100             | QPSK       | 1       | 137       | 25.45                       | 25.57                          | 25.46                        |                        |             |  |
| 100             | QPSK       | 1       | 271       | 25.26                       | 25.27                          | 25.18                        |                        |             |  |
| 100             | QPSK       | 135     | 0         | 24.52                       | 24.57                          | 24.46                        | 27.0                   | 0.0         |  |
| 100             | QPSK       | 135     | 69        | 25.61                       | 25.75                          | 25.68                        |                        |             |  |
| 100             | QPSK       | 135     | 138       | 24.45                       | 24.51                          | 24.36                        |                        |             |  |
| 100             | QPSK       | 270     | 0         | 24.37                       | 24.51                          | 24.43                        |                        |             |  |
| 100             | 16QAM      | 1       | 1         | 24.12                       | 24.03                          | 24.10                        | 26.0                   | 1.0         |  |
| 100             | 64QAM      | 1       | 1         | 22.56                       | 22.54                          | 22.54                        |                        |             |  |
| 100             | 256QAM     | 1       | 1         | 21.22                       | 21.20                          | 21.09                        |                        |             |  |
| Channel         |            |         |           | 509200                      | 518988                         | 528000                       |                        | MPR         |  |
| Frequency (MHz) |            |         |           | 2541                        | 2562.99                        | 2644.98                      |                        |             |  |
| 90              | QPSK       | 1       | 1         | 25.63                       | 25.77                          | 25.66                        | 27.0                   | 0.0         |  |
| Channel         |            |         |           | 507204                      | 518988                         | 526998                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2536.02                     | 2562.99                        | 2649.98                      |                        |             |  |
| 80              | QPSK       | 1       | 1         | 25.62                       | 25.74                          | 25.68                        | 27.0                   | 0.0         |  |
| Channel         |            |         |           | 506202                      | 518988                         | 531000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2531.01                     | 2562.99                        | 2655                         |                        |             |  |
| 70              | QPSK       | 1       | 1         | 25.55                       | 25.74                          | 25.59                        | 27.0                   | 0.0         |  |
| Channel         |            |         |           | 505200                      | 518988                         | 531998                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2526                        | 2562.99                        | 2659.98                      |                        |             |  |
| 60              | QPSK       | 1       | 1         | 25.65                       | 25.78                          | 25.69                        | 27.0                   | 0.0         |  |
| Channel         |            |         |           | 504200                      | 518988                         | 532998                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2521.02                     | 2562.99                        | 2664.98                      |                        |             |  |
| 50              | QPSK       | 1       | 1         | 25.64                       | 25.72                          | 25.61                        | 27.0                   | 0.0         |  |
| Channel         |            |         |           | 503700                      | 518988                         | 533498                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2516.5                      | 2562.99                        | 2674.48                      |                        |             |  |
| 45              | QPSK       | 1       | 1         | 25.67                       | 25.69                          | 25.64                        | 27.0                   | 0.0         |  |
| Channel         |            |         |           | 503202                      | 518988                         | 534000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2516.01                     | 2562.98                        | 2670                         |                        |             |  |
| 40              | QPSK       | 1       | 1         | 25.63                       | 25.65                          | 25.61                        | 27.0                   | 0.0         |  |
| Channel         |            |         |           | 502704                      | 518988                         | 534498                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2513.52                     | 2562.99                        | 2672.48                      |                        |             |  |
| 35              | QPSK       | 1       | 1         | 25.66                       | 25.74                          | 25.62                        | 27.0                   | 0.0         |  |
| Channel         |            |         |           | 502200                      | 518988                         | 534998                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2511                        | 2562.99                        | 2674.58                      |                        |             |  |
| 30              | QPSK       | 1       | 1         | 25.65                       | 25.76                          | 25.66                        | 27.0                   | 0.0         |  |
| Channel         |            |         |           | 501702                      | 518988                         | 535500                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2504.51                     | 2562.99                        | 2677.5                       |                        |             |  |
| 25              | QPSK       | 1       | 1         | 25.58                       | 25.68                          | 25.70                        | 27.0                   | 0.0         |  |
| Channel         |            |         |           | 501204                      | 518988                         | 535998                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2506.02                     | 2562.99                        | 2679.98                      |                        |             |  |
| 20              | QPSK       | 1       | 1         | 25.53                       | 25.79                          | 25.60                        | 27.0                   | 0.0         |  |
| Channel         |            |         |           | 500700                      | 518988                         | 536498                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2503.5                      | 2562.99                        | 2682.48                      |                        |             |  |
| 15              | QPSK       | 1       | 1         | 25.59                       | 25.78                          | 25.58                        | 27.0                   | 0.0         |  |
| Channel         |            |         |           | 500202                      | 518988                         | 537000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 2501.01                     | 2562.99                        | 2685                         |                        |             |  |
| 10              | QPSK       | 1       | 1         | 25.58                       | 25.67                          | 25.70                        |                        | 27.0        |  |

| n48_Ant 4       |            |         |           |                             |                                |                              |                        |             |  |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|-------------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 638000                      | 641666                         | 645332                       | 24.0                   | 0.0         |  |
| Frequency (MHz) |            |         |           | 3270                        | 3624.99                        | 3979.98                      |                        |             |  |
| 40              | Pl2 BPSK   | 1       | 1         | 22.03                       | 22.07                          | 21.92                        |                        |             |  |
| 40              | Pl2 BPSK   | 1       | 53        | 21.95                       | 22.10                          | 22.03                        |                        |             |  |
| 40              | Pl2 BPSK   | 1       | 104       | 22.03                       | 22.05                          | 22.00                        | 23.5                   | 0.5         |  |
| 40              | Pl2 BPSK   | 50      | 0         | 21.52                       | 21.59                          | 21.50                        |                        |             |  |
| 40              | Pl2 BPSK   | 50      | 28        | 21.95                       | 22.01                          | 22.05                        |                        |             |  |
| 40              | Pl2 BPSK   | 50      | 56        | 21.57                       | 21.58                          | 21.54                        |                        |             |  |
| 40              | Pl2 BPSK   | 100     | 0         | 21.50                       | 21.62                          | 21.42                        | 24.0                   | 0.0         |  |
| 40              | QPSK       | 1       | 1         | 22.20                       | 22.26                          | 22.17                        |                        |             |  |
| 40              | QPSK       | 1       | 53        | 22.05                       | 22.04                          | 22.00                        |                        |             |  |
| 40              | QPSK       | 1       | 104       | 22.09                       | 22.03                          | 22.03                        |                        |             |  |
| 40              | QPSK       | 50      | 0         | 22.08                       | 22.11                          | 22.09                        | 24.0                   | 0.0         |  |
| 40              | QPSK       | 50      | 28        | 22.16                       | 22.20                          | 22.14                        |                        |             |  |
| 40              | QPSK       | 50      | 56        | 22.17                       | 22.19                          | 22.09                        |                        |             |  |
| 40              | QPSK       | 100     | 0         | 21.04                       | 21.05                          | 21.02                        |                        |             |  |
| 40              | 16QAM      | 1       | 1         | 20.97                       | 21.08                          | 21.05                        | 23.0                   | 1.0         |  |
| 40              | 64QAM      | 1       | 1         | 19.33                       | 19.46                          | 19.42                        |                        |             |  |
| 40              | 256QAM     | 1       | 1         | 17.99                       | 17.98                          | 17.89                        |                        |             |  |

| Part96_n77_Ant 4 |            |         |           |                            |                               |                             |                        |             |  |
|------------------|------------|---------|-----------|----------------------------|-------------------------------|-----------------------------|------------------------|-------------|--|
| BW (MHz)         | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq | Power<br>Middle<br>Ch. / Freq | Power<br>High<br>Ch. / Freq | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel          |            |         |           | 640000                     | 641686                        | 643332                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3000                       | 3624.99                       | 3649.98                     |                        |             |  |
| 100              | PI2 BPSK   | 1       | 1         | 23.52                      | 23.73                         | 23.52                       |                        |             |  |
| 100              | PI2 BPSK   | 1       | 137       | 23.51                      | 23.55                         | 23.49                       | 25.0                   | 0.0         |  |
| 100              | PI2 BPSK   | 1       | 271       | 23.58                      | 23.61                         | 23.64                       |                        |             |  |
| 100              | PI2 BPSK   | 135     | 0         | 22.95                      | 23.08                         | 23.04                       | 25.0                   | 0.0         |  |
| 100              | PI2 BPSK   | 135     | 69        | 23.94                      | 23.70                         | 23.66                       | 25.0                   | 0.0         |  |
| 100              | PI2 BPSK   | 135     | 138       | 23.21                      | 23.25                         | 23.24                       | 25.0                   | 0.0         |  |
| 100              | PI2 BPSK   | 270     | 0         | 23.12                      | 23.16                         | 23.09                       | 25.0                   | 0.0         |  |
| 100              | QPSK       | 1       | 1         | 23.59                      | 23.79                         | 23.59                       |                        |             |  |
| 100              | QPSK       | 1       | 137       | 23.46                      | 23.57                         | 23.43                       | 25.0                   | 0.0         |  |
| 100              | QPSK       | 1       | 271       | 23.51                      | 23.59                         | 23.52                       |                        |             |  |
| 100              | QPSK       | 135     | 0         | 22.42                      | 22.54                         | 22.46                       |                        |             |  |
| 100              | QPSK       | 135     | 69        | 23.54                      | 23.65                         | 23.60                       | 25.0                   | 0.0         |  |
| 100              | QPSK       | 135     | 138       | 22.62                      | 22.75                         | 22.63                       | 25.0                   | 0.0         |  |
| 100              | QPSK       | 270     | 0         | 22.59                      | 22.62                         | 22.52                       | 25.0                   | 0.0         |  |
| 100              | 16QAM      | 1       | 1         | 22.27                      | 22.16                         | 22.28                       | 25.0                   | 0.0         |  |
| 100              | 64QAM      | 1       | 1         | 22.81                      | 22.72                         | 22.80                       | 24.5                   | 0.5         |  |
| 100              | 256QAM     | 1       | 1         | 21.36                      | 21.27                         | 21.35                       | 22.5                   | 2.5         |  |
| Channel          |            |         |           | 63965.02                   | 641686                        | 643332                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3695.02                    | 3624.99                       | 3654.99                     |                        |             |  |
| 90               | QPSK       | 1       | 1         | 23.39                      | 23.13                         | 23.38                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 639334                     | 641686                        | 644000                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3693.34                    | 3624.99                       | 3694.98                     |                        |             |  |
| 80               | QPSK       | 1       | 1         | 23.49                      | 23.22                         | 23.37                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 639000                     | 641686                        | 644332                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3690.00                    | 3624.99                       | 3694.98                     |                        |             |  |
| 70               | QPSK       | 1       | 1         | 23.56                      | 23.15                         | 23.39                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 638668                     | 641686                        | 644000                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3686.68                    | 3624.99                       | 3699.99                     |                        |             |  |
| 60               | QPSK       | 1       | 1         | 23.58                      | 23.14                         | 23.44                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 638334                     | 641686                        | 645000                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3683.34                    | 3624.99                       | 3675                        |                        |             |  |
| 50               | QPSK       | 1       | 1         | 23.44                      | 23.22                         | 23.28                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 638000                     | 641686                        | 645332                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3680.00                    | 3624.99                       | 3694.98                     |                        |             |  |
| 40               | QPSK       | 1       | 1         | 23.51                      | 23.20                         | 23.35                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 637668                     | 641686                        | 645666                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3676.68                    | 3624.99                       | 3694.98                     |                        |             |  |
| 30               | QPSK       | 1       | 1         | 23.52                      | 23.21                         | 23.39                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 637334                     | 641686                        | 645992                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3673.34                    | 3624.99                       | 3697.48                     |                        |             |  |
| 25               | QPSK       | 1       | 1         | 23.48                      | 23.27                         | 23.50                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 637000                     | 641686                        | 646300                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3670.00                    | 3624.99                       | 3692.49                     |                        |             |  |
| 20               | QPSK       | 1       | 1         | 23.47                      | 23.29                         | 23.35                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 6367188                    | 641686                        | 646166                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3667.182                   | 3624.99                       | 3692.49                     |                        |             |  |
| 15               | QPSK       | 1       | 1         | 23.52                      | 23.25                         | 23.41                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 637000                     | 641686                        | 646332                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3655                       | 3624.99                       | 3694.98                     |                        |             |  |
| 10               | QPSK       | 1       | 1         | 23.50                      | 23.27                         | 23.33                       | 25.0                   | 0.0         |  |

| Part270Q_n77_Ant 4 |            |         |           |                            |                               |                             |                        |             |  |
|--------------------|------------|---------|-----------|----------------------------|-------------------------------|-----------------------------|------------------------|-------------|--|
| BW (MHz)           | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq | Power<br>Middle<br>Ch. / Freq | Power<br>High<br>Ch. / Freq | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel            |            |         |           | 633332                     |                               |                             |                        |             |  |
| Frequency (MHz)    |            |         |           | 3499.98                    |                               |                             |                        |             |  |
| 100                | PI2 BPSK   | 1       | 1         | 25.71                      |                               |                             |                        |             |  |
| 100                | PI2 BPSK   | 1       | 137       | 25.53                      |                               |                             | 27.0                   | 0.0         |  |
| 100                | PI2 BPSK   | 1       | 271       | 25.68                      |                               |                             |                        |             |  |
| 100                | PI2 BPSK   | 135     | 0         | 25.25                      |                               |                             | 26.5                   | 0.5         |  |
| 100                | PI2 BPSK   | 135     | 69        | 25.72                      |                               |                             | 27.0                   | 0.0         |  |
| 100                | PI2 BPSK   | 135     | 138       | 25.35                      |                               |                             | 26.5                   | 0.5         |  |
| 100                | PI2 BPSK   | 270     | 0         | 25.31                      |                               |                             |                        |             |  |
| 100                | QPSK       | 1       | 1         | 25.84                      |                               |                             |                        |             |  |
| 100                | QPSK       | 1       | 137       | 25.29                      |                               |                             | 27.0                   | 0.0         |  |
| 100                | QPSK       | 1       | 271       | 25.67                      |                               |                             |                        |             |  |
| 100                | QPSK       | 135     | 0         | 24.69                      |                               |                             |                        |             |  |
| 100                | QPSK       | 135     | 69        | 25.62                      |                               |                             | 27.0                   | 0.0         |  |
| 100                | QPSK       | 135     | 138       | 24.80                      |                               |                             | 26.0                   | 1.0         |  |
| 100                | QPSK       | 270     | 0         | 25.85                      |                               |                             |                        |             |  |
| 100                | 16QAM      | 1       | 1         | 24.30                      |                               |                             | 26.0                   | 1.0         |  |
| 100                | 64QAM      | 1       | 1         | 22.82                      |                               |                             | 24.5                   | 2.5         |  |
| 100                | 256QAM     | 1       | 1         | 21.33                      |                               |                             | 22.5                   | 4.5         |  |
| Channel            |            |         |           | 633000                     | 633332                        | 633666                      |                        |             |  |
| Frequency (MHz)    |            |         |           | 3495                       | 3499.98                       | 3504.99                     |                        |             |  |
| 90                 | QPSK       | 1       | 1         | 25.72                      | 25.59                         | 25.61                       | 27.0                   | 0.0         |  |
| Channel            |            |         |           | 632668                     | 633332                        | 634000                      |                        |             |  |
| Frequency (MHz)    |            |         |           | 3492.68                    | 3499.98                       | 3504.98                     |                        |             |  |
| 80                 | QPSK       | 1       | 1         | 25.52                      | 25.59                         | 25.45                       | 27.0                   | 0.0         |  |
| Channel            |            |         |           | 632334                     | 633332                        | 634332                      |                        |             |  |
| Frequency (MHz)    |            |         |           | 3489.34                    | 3499.98                       | 3514.98                     |                        |             |  |
| 70                 | QPSK       | 1       | 1         | 25.54                      | 25.63                         | 25.67                       | 27.0                   | 0.0         |  |
| Channel            |            |         |           | 632000                     | 633332                        | 634666                      |                        |             |  |
| Frequency (MHz)    |            |         |           | 3480                       | 3499.98                       | 3519.99                     |                        |             |  |
| 60                 | QPSK       | 1       | 1         | 25.48                      | 25.60                         | 25.54                       | 27.0                   | 0.0         |  |
| Channel            |            |         |           | 631668                     | 633332                        | 635000                      |                        |             |  |
| Frequency (MHz)    |            |         |           | 3475.68                    | 3499.98                       | 3525                        |                        |             |  |
| 50                 | QPSK       | 1       | 1         | 25.52                      | 25.67                         | 25.66                       | 27.0                   | 0.0         |  |
| Channel            |            |         |           | 631334                     | 633332                        | 635332                      |                        |             |  |
| Frequency (MHz)    |            |         |           | 3473.34                    | 3499.98                       | 3524.98                     |                        |             |  |
| 40                 | QPSK       | 1       | 1         | 25.65                      | 25.70                         | 25.57                       | 27.0                   | 0.0         |  |
| Channel            |            |         |           | 631000                     | 633332                        | 635666                      |                        |             |  |
| Frequency (MHz)    |            |         |           | 3465                       | 3499.98                       | 3534.99                     |                        |             |  |
| 30                 | QPSK       | 1       | 1         | 25.69                      | 25.57                         | 25.49                       | 27.0                   | 0.0         |  |
| Channel            |            |         |           | 630668                     | 633332                        | 635992                      |                        |             |  |
| Frequency (MHz)    |            |         |           | 3462.68                    | 3499.98                       | 3537.48                     |                        |             |  |
| 25                 | QPSK       | 1       | 1         | 25.61                      | 25.63                         | 25.58                       | 27.0                   | 0.0         |  |
| Channel            |            |         |           | 630334                     | 633332                        | 636300                      |                        |             |  |
| Frequency (MHz)    |            |         |           | 3459.34                    | 3499.98                       | 3540                        |                        |             |  |
| 20                 | QPSK       | 1       | 1         | 25.69                      | 25.58                         | 25.61                       | 27.0                   | 0.0         |  |
| Channel            |            |         |           | 630000                     | 633332                        | 636166                      |                        |             |  |
| Frequency (MHz)    |            |         |           | 3457.0                     | 3499.98                       | 3542.49                     |                        |             |  |
| 15                 | QPSK       | 1       | 1         | 25.67                      | 25.61                         | 25.49                       | 27.0                   | 0.0         |  |
| Channel            |            |         |           | 630334                     | 633332                        | 636332                      |                        |             |  |
| Frequency (MHz)    |            |         |           | 3455.01                    | 3499.98                       | 3544.98                     |                        |             |  |
| 10                 | QPSK       | 1       | 1         | 25.53                      | 25.73                         | 25.63                       | 27.0                   | 0.0         |  |

| Part270_n77_Ant 4 |            |         |           |                            |                               |                             |                        |             |     |
|-------------------|------------|---------|-----------|----------------------------|-------------------------------|-----------------------------|------------------------|-------------|-----|
| BW [MHz]          | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq | Power<br>Middle<br>Ch. / Freq | Power<br>High<br>Ch. / Freq | Tune-up limit<br>(dBm) | MPR<br>(dB) |     |
| Channel           |            |         |           | 650000                     | 650000                        | 650000                      |                        |             |     |
| Frequency (MHz)   |            |         |           | 3750                       | 3840                          | 3900                        |                        |             |     |
| 100               | PI2 BPSK   | 1       | 1         | 25.78                      | 25.91                         | 25.71                       |                        |             |     |
| 100               | PI2 BPSK   | 1       | 137       | 25.71                      | 25.74                         | 25.64                       | 27.0                   | 0.0         |     |
| 100               | PI2 BPSK   | 1       | 271       | 25.68                      | 25.70                         | 25.55                       |                        |             |     |
| 100               | PI2 BPSK   | 135     | 0         | 25.22                      | 25.37                         | 25.33                       | 26.5                   | 0.5         | 0.0 |
| 100               | PI2 BPSK   | 135     | 69        | 25.67                      | 25.60                         | 25.62                       | 27.0                   | 0.0         |     |
| 100               | PI2 BPSK   | 135     | 138       | 25.29                      | 25.29                         | 25.14                       | 26.5                   | 0.5         | 0.0 |
| 100               | PI2 BPSK   | 270     | 0         | 25.27                      | 25.31                         | 25.16                       |                        |             |     |
| 100               | QPSK       | 1       | 1         | 25.79                      | 25.92                         | 25.69                       |                        |             |     |
| 100               | QPSK       | 1       | 137       | 25.73                      | 25.74                         | 25.66                       | 27.0                   | 0.0         |     |
| 100               | QPSK       | 1       | 271       | 25.59                      | 25.72                         | 25.58                       |                        |             |     |
| 100               | QPSK       | 135     | 0         | 24.77                      | 24.85                         | 24.72                       |                        |             |     |
| 100               | QPSK       | 135     | 69        | 25.00                      | 25.00                         | 24.97                       | 27.0                   | 0.0         |     |
| 100               | QPSK       | 135     | 138       | 24.74                      | 24.77                         | 24.62                       |                        |             |     |
| 100               | QPSK       | 270     | 0         | 24.69                      | 24.78                         | 24.77                       | 26.0                   | 1.0         |     |
| 100               | 16QAM      | 1       | 1         | 25.42                      | 24.65                         | 24.41                       | 26.0                   | 1.0         |     |
| 100               | 16QAM      | 1       | 137       | 23.04                      | 23.18                         | 22.95                       | 24.5                   | 2.5         |     |
| 100               | 256QAM     | 1       | 1         | 21.62                      | 21.77                         | 21.05                       | 22.5                   | 4.5         |     |
| Channel           |            |         |           | 648668                     | 650000                        | 662332                      | Tune-up limit          | MPR         |     |
| Frequency (MHz)   |            |         |           | 1742.02                    | 3840                          | 9308.98                     | (dBm)                  | (dB)        |     |
| 80                | QPSK       | 1       | 1         | 25.78                      | 25.89                         | 25.52                       | 27.0                   | 0.0         |     |
| Channel           |            |         |           | 647000                     | 650000                        | 660000                      | Tune-up limit          | MPR         |     |
| Frequency (MHz)   |            |         |           | 3740.01                    | 3840                          | 3939.99                     | (dBm)                  | (dB)        |     |
| 80                | QPSK       | 1       | 1         | 25.69                      | 25.84                         | 25.76                       | 27.0                   | 0.0         |     |
| Channel           |            |         |           | 650000                     | 650000                        | 650000                      | Tune-up limit          | MPR         |     |
| Frequency (MHz)   |            |         |           | 3735                       | 3840                          | 3945                        | (dBm)                  | (dB)        |     |
| 70                | QPSK       | 1       | 1         | 25.81                      | 25.76                         | 25.51                       | 27.0                   | 0.0         |     |
| Channel           |            |         |           | 648668                     | 650000                        | 663332                      | Tune-up limit          | MPR         |     |
| Frequency (MHz)   |            |         |           | 1739.02                    | 3840                          | 9319.98                     | (dBm)                  | (dB)        |     |
| 60                | QPSK       | 1       | 1         | 24.08                      | 25.06                         | 24.06                       | 27.0                   | 0.0         |     |
| Channel           |            |         |           | 648332                     | 650000                        | 663668                      | Tune-up limit          | MPR         |     |
| Frequency (MHz)   |            |         |           | 3725.01                    | 3840                          | 3954.99                     | (dBm)                  | (dB)        |     |
| 50                | QPSK       | 1       | 1         | 25.74                      | 25.82                         | 25.74                       | 27.0                   | 0.0         |     |
| Channel           |            |         |           | 650000                     | 650000                        | 650000                      | Tune-up limit          | MPR         |     |
| Frequency (MHz)   |            |         |           | 3730                       | 3840                          | 3960                        | (dBm)                  | (dB)        |     |
| 40                | QPSK       | 1       | 1         | 25.62                      | 25.87                         | 25.72                       | 27.0                   | 0.0         |     |
| Channel           |            |         |           | 647668                     | 650000                        | 664332                      | Tune-up limit          | MPR         |     |
| Frequency (MHz)   |            |         |           | 1734.02                    | 3840                          | 9364.98                     | (dBm)                  | (dB)        |     |
| 30                | QPSK       | 1       | 1         | 25.63                      | 25.83                         | 25.74                       | 27.0                   | 0.0         |     |
| Channel           |            |         |           | 647500                     | 650000                        | 664500                      | Tune-up limit          | MPR         |     |
| Frequency (MHz)   |            |         |           | 3712.5                     | 3840                          | 3967.5                      | (dBm)                  | (dB)        |     |
| 25                | QPSK       | 1       | 1         | 25.72                      | 25.81                         | 25.70                       | 27.0                   | 0.0         |     |
| Channel           |            |         |           | 647332                     | 650000                        | 664668                      | Tune-up limit          | MPR         |     |
| Frequency (MHz)   |            |         |           | 3710.01                    | 3840                          | 3969.99                     | (dBm)                  | (dB)        |     |
| 20                | QPSK       | 1       | 1         | 25.75                      | 25.87                         | 25.53                       | 27.0                   | 0.0         |     |
| Channel           |            |         |           | 647168                     | 650000                        | 664832                      | Tune-up limit          | MPR         |     |
| Frequency (MHz)   |            |         |           | 3707.50                    | 3840                          | 3972.48                     | (dBm)                  | (dB)        |     |
| 15                | QPSK       | 1       | 1         | 25.74                      | 25.86                         | 25.56                       | 27.0                   | 0.0         |     |
| Channel           |            |         |           | 647000                     | 650000                        | 665000                      | Tune-up limit          | MPR         |     |
| Frequency (MHz)   |            |         |           | 3700                       | 3840                          | 3975                        | (dBm)                  | (dB)        |     |
| 10                | QPSK       | 1       | 1         | 25.75                      | 25.72                         | 25.59                       | 27.0                   | 0.0         |     |

| Part96_n78_Ant 4 |            |         |           |                            |                               |                             |                        |             |  |
|------------------|------------|---------|-----------|----------------------------|-------------------------------|-----------------------------|------------------------|-------------|--|
| BW (MHz)         | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq | Power<br>Middle<br>Ch. / Freq | Power<br>High<br>Ch. / Freq | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel          |            |         |           | 640000                     | 641686                        | 643332                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 9000                       | 3624.99                       | 3649.98                     |                        |             |  |
| 100              | Pi2 BPSK   | 1       | 1         | 23.41                      | 23.43                         | 23.42                       |                        |             |  |
| 100              | Pi2 BPSK   | 1       | 137       | 23.27                      | 23.42                         | 23.34                       | 25.0                   | 0.0         |  |
| 100              | Pi2 BPSK   | 1       | 271       | 23.47                      | 23.58                         | 23.43                       |                        |             |  |
| 100              | Pi2 BPSK   | 135     | 0         | 22.90                      | 22.98                         | 22.91                       | 25.0                   | 0.0         |  |
| 100              | Pi2 BPSK   | 135     | 69        | 23.40                      | 23.62                         | 23.62                       | 25.0                   | 0.0         |  |
| 100              | Pi2 BPSK   | 135     | 138       | 23.08                      | 23.18                         | 23.10                       | 25.0                   | 0.0         |  |
| 100              | Pi2 BPSK   | 270     | 0         | 23.00                      | 23.07                         | 22.95                       |                        |             |  |
| 100              | QPSK       | 1       | 1         | 23.59                      | 23.68                         | 23.59                       |                        |             |  |
| 100              | QPSK       | 1       | 137       | 23.38                      | 23.45                         | 23.34                       | 25.0                   | 0.0         |  |
| 100              | QPSK       | 1       | 271       | 23.67                      | 23.63                         | 23.49                       |                        |             |  |
| 100              | QPSK       | 135     | 0         | 22.43                      | 22.47                         | 22.34                       |                        |             |  |
| 100              | QPSK       | 135     | 69        | 23.52                      | 23.59                         | 23.44                       | 25.0                   | 0.0         |  |
| 100              | QPSK       | 135     | 138       | 22.54                      | 22.65                         | 22.59                       | 25.0                   | 0.0         |  |
| 100              | QPSK       | 270     | 0         | 22.50                      | 22.53                         | 22.46                       |                        |             |  |
| 100              | 16QAM      | 1       | 1         | 22.00                      | 22.11                         | 22.14                       | 25.0                   | 0.0         |  |
| 100              | 64QAM      | 1       | 1         | 22.52                      | 22.64                         | 22.67                       | 24.5                   | 0.5         |  |
| 100              | 256QAM     | 1       | 1         | 21.10                      | 21.20                         | 21.22                       | 22.5                   | 2.5         |  |
| Channel          |            |         |           | 63965.02                   | 641686                        | 643332                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3665.02                    | 3624.99                       | 3654.99                     |                        |             |  |
| 90               | QPSK       | 1       | 1         | 23.39                      | 23.63                         | 23.23                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 639334                     | 641686                        | 644000                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3660.91                    | 3624.99                       | 3669                        |                        |             |  |
| 80               | QPSK       | 1       | 1         | 23.48                      | 23.60                         | 23.28                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 639000                     | 641686                        | 644332                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3656.81                    | 3624.99                       | 3664.98                     |                        |             |  |
| 70               | QPSK       | 1       | 1         | 23.27                      | 23.60                         | 23.33                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 638668                     | 641686                        | 644666                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3660.02                    | 3624.99                       | 3669.99                     |                        |             |  |
| 60               | QPSK       | 1       | 1         | 23.38                      | 23.61                         | 23.34                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 638334                     | 641686                        | 645000                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3675.01                    | 3624.99                       | 3675                        |                        |             |  |
| 50               | QPSK       | 1       | 1         | 23.30                      | 23.50                         | 23.29                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 638000                     | 641686                        | 645332                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3670.02                    | 3624.99                       | 3669.99                     |                        |             |  |
| 40               | QPSK       | 1       | 1         | 23.27                      | 23.49                         | 23.35                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 637668                     | 641686                        | 645666                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3665.02                    | 3624.99                       | 3684.99                     |                        |             |  |
| 30               | QPSK       | 1       | 1         | 23.29                      | 23.63                         | 23.23                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 637334                     | 641686                        | 645932                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3662.5                     | 3624.99                       | 3687.48                     |                        |             |  |
| 25               | QPSK       | 1       | 1         | 23.26                      | 23.51                         | 23.25                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 637000                     | 641686                        | 646000                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3659.01                    | 3624.99                       | 3689                        |                        |             |  |
| 20               | QPSK       | 1       | 1         | 23.29                      | 23.62                         | 23.38                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 636768                     | 641686                        | 646166                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3657.02                    | 3624.99                       | 3692.49                     |                        |             |  |
| 15               | QPSK       | 1       | 1         | 23.47                      | 23.65                         | 23.30                       | 25.0                   | 0.0         |  |
| Channel          |            |         |           | 637000                     | 641686                        | 646332                      |                        |             |  |
| Frequency (MHz)  |            |         |           | 3655                       | 3624.99                       | 3694.98                     |                        |             |  |
| 10               | QPSK       | 1       | 1         | 23.27                      | 23.51                         | 23.31                       | 25.0                   | 0.0         |  |

| Part27Q_n78_Ant 4 |            |         |           |                            |                               |                             |                        |             |  |
|-------------------|------------|---------|-----------|----------------------------|-------------------------------|-----------------------------|------------------------|-------------|--|
| BW (MHz)          | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq | Power<br>Middle<br>Ch. / Freq | Power<br>High<br>Ch. / Freq | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel           |            |         |           | 633332                     |                               |                             |                        |             |  |
| Frequency (MHz)   |            |         |           | 3499.98                    |                               |                             |                        |             |  |
| 100               | Pi2 BPSK   | 1       | 1         | 25.71                      |                               |                             |                        |             |  |
| 100               | Pi2 BPSK   | 1       | 137       | 25.65                      |                               |                             | 27.0                   | 0.0         |  |
| 100               | Pi2 BPSK   | 1       | 271       | 25.73                      |                               |                             |                        |             |  |
| 100               | Pi2 BPSK   | 135     | 0         | 25.64                      |                               |                             | 26.5                   | 0.5         |  |
| 100               | Pi2 BPSK   | 135     | 69        | 25.75                      |                               |                             | 27.0                   | 0.0         |  |
| 100               | Pi2 BPSK   | 135     | 138       | 25.28                      |                               |                             | 26.5                   | 0.5         |  |
| 100               | Pi2 BPSK   | 270     | 0         | 25.08                      |                               |                             |                        |             |  |
| 100               | QPSK       | 1       | 1         | 25.76                      |                               |                             |                        |             |  |
| 100               | QPSK       | 1       | 137       | 25.63                      |                               |                             | 27.0                   | 0.0         |  |
| 100               | QPSK       | 1       | 271       | 25.74                      |                               |                             |                        |             |  |
| 100               | QPSK       | 135     | 0         | 24.43                      |                               |                             |                        |             |  |
| 100               | QPSK       | 135     | 69        | 25.61                      |                               |                             | 27.0                   | 0.0         |  |
| 100               | QPSK       | 135     | 138       | 24.49                      |                               |                             | 26.0                   | 1.0         |  |
| 100               | QPSK       | 270     | 0         | 24.44                      |                               |                             |                        |             |  |
| 100               | 16QAM      | 1       | 1         | 24.08                      |                               |                             | 26.0                   | 1.0         |  |
| 100               | 64QAM      | 1       | 1         | 22.52                      |                               |                             | 24.5                   | 2.5         |  |
| 100               | 256QAM     | 1       | 1         | 21.12                      |                               |                             | 22.5                   | 4.5         |  |
| Channel           |            |         |           | 633000                     | 633332                        | 633666                      |                        |             |  |
| Frequency (MHz)   |            |         |           | 3495                       | 3499.98                       | 3504.99                     |                        |             |  |
| 90                | QPSK       | 1       | 1         | 25.50                      | 25.56                         | 25.66                       | 27.0                   | 0.0         |  |
| Channel           |            |         |           | 632668                     | 633332                        | 634000                      |                        |             |  |
| Frequency (MHz)   |            |         |           | 3490.02                    | 3499.98                       | 3500                        |                        |             |  |
| 80                | QPSK       | 1       | 1         | 25.59                      | 25.53                         | 25.60                       | 27.0                   | 0.0         |  |
| Channel           |            |         |           | 632334                     | 633332                        | 634332                      |                        |             |  |
| Frequency (MHz)   |            |         |           | 3485.01                    | 3499.98                       | 3514.98                     |                        |             |  |
| 70                | QPSK       | 1       | 1         | 25.39                      | 25.60                         | 25.57                       | 27.0                   | 0.0         |  |
| Channel           |            |         |           | 632000                     | 633332                        | 634666                      |                        |             |  |
| Frequency (MHz)   |            |         |           | 3480                       | 3499.98                       | 3519.99                     |                        |             |  |
| 60                | QPSK       | 1       | 1         | 25.42                      | 25.72                         | 25.70                       | 27.0                   | 0.0         |  |
| Channel           |            |         |           | 631668                     | 633332                        | 635000                      |                        |             |  |
| Frequency (MHz)   |            |         |           | 3475.02                    | 3499.98                       | 3525                        |                        |             |  |
| 50                | QPSK       | 1       | 1         | 25.34                      | 25.59                         | 25.65                       | 27.0                   | 0.0         |  |
| Channel           |            |         |           | 631334                     | 633332                        | 635332                      |                        |             |  |
| Frequency (MHz)   |            |         |           | 3470.01                    | 3499.98                       | 3524.98                     |                        |             |  |
| 40                | QPSK       | 1       | 1         | 25.42                      | 25.59                         | 25.51                       | 27.0                   | 0.0         |  |
| Channel           |            |         |           | 631000                     | 633332                        | 635666                      |                        |             |  |
| Frequency (MHz)   |            |         |           | 3465                       | 3499.98                       | 3534.99                     |                        |             |  |
| 30                | QPSK       | 1       | 1         | 25.43                      | 25.65                         | 25.70                       | 27.0                   | 0.0         |  |
| Channel           |            |         |           | 630668                     | 633332                        | 635932                      |                        |             |  |
| Frequency (MHz)   |            |         |           | 3462.51                    | 3499.98                       | 3537.48                     |                        |             |  |
| 25                | QPSK       | 1       | 1         | 25.48                      | 25.48                         | 25.55                       | 27.0                   | 0.0         |  |
| Channel           |            |         |           | 630334                     | 633332                        | 636000                      |                        |             |  |
| Frequency (MHz)   |            |         |           | 3457.5                     | 3499.98                       | 3542.49                     |                        |             |  |
| 20                | QPSK       | 1       | 1         | 25.44                      | 25.67                         | 25.54                       | 27.0                   | 0.0         |  |
| Channel           |            |         |           | 630000                     | 633332                        | 636166                      |                        |             |  |
| Frequency (MHz)   |            |         |           | 3452.5                     | 3499.98                       | 3544.98                     |                        |             |  |
| 15                | QPSK       | 1       | 1         | 25.57                      | 25.57                         | 25.63                       | 27.0                   | 0.0         |  |
| Channel           |            |         |           | 630334                     | 633332                        | 636332                      |                        |             |  |
| Frequency (MHz)   |            |         |           | 3455.01                    | 3499.98                       | 3544.98                     |                        |             |  |
| 10                | QPSK       | 1       | 1         | 25.50                      | 25.64                         | 25.66                       | 27.0                   | 0.0         |  |

| Part27O_n78_Ant 4 |            |         |           |                         |                            |                          |                        |      |  |
|-------------------|------------|---------|-----------|-------------------------|----------------------------|--------------------------|------------------------|------|--|
| BW (MHz)          | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq | Power Middle<br>Ch. / Freq | Power High<br>Ch. / Freq | Tune-up limit<br>(dBm) | MPR  |  |
| Channel           |            |         |           | 650000                  |                            |                          |                        |      |  |
| Frequency (MHz)   |            |         |           | 3750                    |                            |                          |                        |      |  |
| 100               | Pi2 BPSK   | 1       | 1         | 25.54                   |                            |                          |                        |      |  |
| 100               | Pi2 BPSK   | 1       | 137       | 25.41                   |                            |                          | 27.0                   | 0.0  |  |
| 100               | Pi2 BPSK   | 1       | 271       | 25.48                   |                            |                          |                        |      |  |
| 100               | Pi2 BPSK   | 135     | 0         | 24.95                   |                            |                          | 26.5                   | 0.5  |  |
| 100               | Pi2 BPSK   | 135     | 69        | 25.50                   |                            |                          | 27.0                   | 0.0  |  |
| 100               | Pi2 BPSK   | 135     | 138       | 25.05                   |                            |                          | 26.5                   | 0.5  |  |
| 100               | Pi2 BPSK   | 270     | 0         | 25.00                   |                            |                          |                        |      |  |
| 100               | QPSK       | 1       | 1         | 25.59                   |                            |                          |                        |      |  |
| 100               | QPSK       | 1       | 137       | 25.42                   |                            |                          | 27.0                   | 0.0  |  |
| 100               | QPSK       | 1       | 271       | 25.43                   |                            |                          |                        |      |  |
| 100               | QPSK       | 135     | 0         | 24.48                   |                            |                          |                        |      |  |
| 100               | QPSK       | 135     | 69        | 25.54                   |                            |                          | 27.0                   | 0.0  |  |
| 100               | QPSK       | 135     | 138       | 24.55                   |                            |                          | 26.0                   | 1.0  |  |
| 100               | QPSK       | 270     | 0         | 24.45                   |                            |                          | 26.0                   | 1.0  |  |
| 100               | 16QAM      | 1       | 1         | 24.67                   |                            |                          | 26.0                   | 1.0  |  |
| 100               | 64QAM      | 1       | 1         | 23.31                   |                            |                          | 24.5                   | 2.5  |  |
| 100               | 256QAM     | 1       | 1         | 21.08                   |                            |                          | 22.5                   | 4.5  |  |
| Channel           |            |         |           | 646968                  | 650000                     | 650532                   | Tune-up limit          | MPR  |  |
| Frequency (MHz)   |            |         |           | 3745.02                 | 3750                       | 3754.98                  | (dBm)                  | (dB) |  |
| 100               | QPSK       | 1       | 1         | 25.51                   | 25.47                      | 25.42                    | 27.0                   | 0.0  |  |
| Channel           |            |         |           | 646933                  | 650000                     | 650566                   | Tune-up limit          | MPR  |  |
| Frequency (MHz)   |            |         |           | 3740.01                 | 3750                       | 3759.99                  | (dBm)                  | (dB) |  |
| 80                | QPSK       | 1       | 1         | 25.55                   | 25.34                      | 25.32                    | 27.0                   | 0.0  |  |
| Channel           |            |         |           | 647000                  | 650000                     | 651000                   | Tune-up limit          | MPR  |  |
| Frequency (MHz)   |            |         |           | 3735                    | 3750                       | 3765                     | (dBm)                  | (dB) |  |
| 70                | QPSK       | 1       | 1         | 25.59                   | 25.28                      | 25.35                    | 27.0                   | 0.0  |  |
| Channel           |            |         |           | 646968                  | 650000                     | 651332                   | Tune-up limit          | MPR  |  |
| Frequency (MHz)   |            |         |           | 3749.02                 | 3750                       | 3750.98                  | (dBm)                  | (dB) |  |
| 60                | QPSK       | 1       | 1         | 25.50                   | 25.35                      | 25.42                    | 27.0                   | 0.0  |  |
| Channel           |            |         |           | 646933                  | 650000                     | 651666                   | Tune-up limit          | MPR  |  |
| Frequency (MHz)   |            |         |           | 3725.01                 | 3750                       | 3774.99                  | (dBm)                  | (dB) |  |
| 50                | QPSK       | 1       | 1         | 25.55                   | 25.32                      | 25.43                    | 27.0                   | 0.0  |  |
| Channel           |            |         |           | 646903                  | 650000                     | 652000                   | Tune-up limit          | MPR  |  |
| Frequency (MHz)   |            |         |           | 3720                    | 3750                       | 3780                     | (dBm)                  | (dB) |  |
| 40                | QPSK       | 1       | 1         | 25.48                   | 25.30                      | 25.25                    | 27.0                   | 0.0  |  |
| Channel           |            |         |           | 647466                  | 650000                     | 652332                   | Tune-up limit          | MPR  |  |
| Frequency (MHz)   |            |         |           | 3713.02                 | 3750                       | 3784.98                  | (dBm)                  | (dB) |  |
| 30                | QPSK       | 1       | 1         | 25.49                   | 25.35                      | 25.42                    | 27.0                   | 0.0  |  |
| Channel           |            |         |           | 647500                  | 650000                     | 652500                   | Tune-up limit          | MPR  |  |
| Frequency (MHz)   |            |         |           | 3712.5                  | 3750                       | 3787.5                   | (dBm)                  | (dB) |  |
| 25                | QPSK       | 1       | 1         | 25.49                   | 25.38                      | 25.41                    | 27.0                   | 0.0  |  |
| Channel           |            |         |           | 647334                  | 650000                     | 652666                   | Tune-up limit          | MPR  |  |
| Frequency (MHz)   |            |         |           | 3710.01                 | 3750                       | 3789.99                  | (dBm)                  | (dB) |  |
| 20                | QPSK       | 1       | 1         | 25.58                   | 25.42                      | 25.41                    | 27.0                   | 0.0  |  |
| Channel           |            |         |           | 647166                  | 650000                     | 652832                   | Tune-up limit          | MPR  |  |
| Frequency (MHz)   |            |         |           | 3707.52                 | 3750                       | 3792.48                  | (dBm)                  | (dB) |  |
| 15                | QPSK       | 1       | 1         | 25.50                   | 25.44                      | 25.25                    | 27.0                   | 0.0  |  |
| Channel           |            |         |           | 647000                  | 650000                     | 653000                   | Tune-up limit          | MPR  |  |
| Frequency (MHz)   |            |         |           | 3705                    | 3750                       | 3795                     | (dBm)                  | (dB) |  |
| 10                | QPSK       | 1       | 1         | 25.40                   | 25.48                      | 25.29                    | 27.0                   | 0.0  |  |

## Reduced Power Mode for Receiver on

| n2_Ant 3        |            |         |           |                           |                           |                            |                    |          |     |
|-----------------|------------|---------|-----------|---------------------------|---------------------------|----------------------------|--------------------|----------|-----|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power Low Ch. Freq. (MHz) | Power Max Ch. Freq. (MHz) | Power High Ch. Freq. (MHz) | Time-up time (min) | MFR (dB) |     |
| Channel         |            |         |           |                           |                           |                            |                    |          |     |
| Frequency (MHz) |            |         |           |                           |                           |                            |                    |          |     |
| 40              | PIC-BPSK   | 1       | 1         | 19.49                     | 19.37                     | 19.43                      |                    |          |     |
| 40              | PIC-BPSK   | 1       | 108       | 19.51                     | 19.45                     | 19.55                      | 21.0               | 0.0      |     |
| 40              | PIC-BPSK   | 1       | 214       | 19.54                     | 19.45                     | 19.55                      |                    |          |     |
| 40              | PIC-BPSK   | 108     | 0         | 19.48                     | 19.50                     | 19.52                      | 21.0               | 0.0      |     |
| 40              | PIC-BPSK   | 108     | 54        | 19.49                     | 19.52                     | 19.50                      | 21.0               | 0.0      |     |
| 40              | PIC-BPSK   | 108     | 108       | 19.52                     | 19.58                     | 19.52                      | 21.0               | 0.0      |     |
| 40              | PIC-BPSK   | 216     | 0         | 19.52                     | 19.55                     | 19.42                      |                    |          |     |
| 40              | QPSK       | 1       | 1         | 19.53                     | 19.58                     | 19.55                      |                    |          |     |
| 40              | QPSK       | 1       | 108       | 19.49                     | 19.38                     | 19.57                      | 21.0               | 0.0      |     |
| 40              | QPSK       | 1       | 214       | 19.49                     | 19.42                     | 19.55                      |                    |          |     |
| 40              | QPSK       | 108     | 0         | 19.52                     | 19.48                     | 19.58                      | 21.0               | 0.0      |     |
| 40              | QPSK       | 108     | 54        | 19.52                     | 19.50                     | 19.52                      | 21.0               | 0.0      |     |
| 40              | QPSK       | 108     | 108       | 19.58                     | 19.45                     | 19.55                      | 21.0               | 0.0      |     |
| 40              | QPSK       | 216     | 0         | 19.50                     | 19.57                     | 19.57                      |                    |          |     |
| 40              | 16QAM      | 1       | 1         | 19.47                     | 19.52                     | 19.50                      | 21.0               | 0.0      |     |
| 40              | 16QAM      | 1       | 1         | 19.51                     | 19.41                     | 19.52                      | 21.0               | 0.0      |     |
| 40              | 256QAM     | 1       | 1         | 19.51                     | 19.56                     | 19.53                      | 21.0               | 0.0      |     |
| Channel         |            |         |           |                           |                           |                            |                    |          |     |
| 30              | QPSK       | 1       | 1         | 19.52                     | 19.50                     | 19.50                      | 21.0               | 0.0      | MFR |
| Channel         |            |         |           |                           |                           |                            |                    |          |     |
| 30              | QPSK       | 1       | 1         | 19.56                     | 19.50                     | 19.59                      | 21.0               | 0.0      | MFR |
| Channel         |            |         |           |                           |                           |                            |                    |          |     |
| 30              | QPSK       | 1       | 1         | 19.53                     | 19.53                     | 19.54                      | 21.0               | 0.0      | MFR |
| Channel         |            |         |           |                           |                           |                            |                    |          |     |
| 20              | QPSK       | 1       | 1         | 19.53                     | 19.52                     | 19.50                      | 21.0               | 0.0      | MFR |
| Channel         |            |         |           |                           |                           |                            |                    |          |     |
| 20              | QPSK       | 1       | 1         | 19.50                     | 19.55                     | 19.57                      | 21.0               | 0.0      | MFR |
| Channel         |            |         |           |                           |                           |                            |                    |          |     |
| 15              | QPSK       | 1       | 1         | 19.52                     | 19.58                     | 19.50                      | 21.0               | 0.0      | MFR |
| Channel         |            |         |           |                           |                           |                            |                    |          |     |
| 15              | QPSK       | 1       | 1         | 19.52                     | 19.52                     | 19.50                      | 21.0               | 0.0      | MFR |
| Channel         |            |         |           |                           |                           |                            |                    |          |     |
| 10              | QPSK       | 1       | 1         | 19.52                     | 19.52                     | 19.50                      | 21.0               | 0.0      | MFR |
| Channel         |            |         |           |                           |                           |                            |                    |          |     |
| 10              | QPSK       | 1       | 1         | 19.50                     | 19.55                     | 19.58                      | 21.0               | 0.0      | MFR |
| Channel         |            |         |           |                           |                           |                            |                    |          |     |
| 5               | QPSK       | 1       | 1         | 19.52                     | 19.55                     | 19.58                      | 21.0               | 0.0      | MFR |

| n5_Ant 0        |            |         |           |                     |                     |                      |                    |          |  |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|--|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power Max Ch. Freq. | Power High Ch. Freq. | Time-up time (min) | MFR (dB) |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 20              | PIC-BPSK   | 1       | 1         | 23.72               |                     |                      |                    |          |  |
| 20              | PIC-BPSK   | 1       | 65        | 23.72               |                     |                      | 25.0               | 0.0      |  |
| 20              | PIC-BPSK   | 1       | 131       | 23.75               |                     |                      |                    |          |  |
| 20              | PIC-BPSK   | 64      | 0         | 23.78               |                     |                      | 24.5               | 0.0      |  |
| 20              | PIC-BPSK   | 64      | 32        | 23.81               |                     |                      | 24.5               | 0.0      |  |
| 20              | PIC-BPSK   | 64      | 66        | 23.88               |                     |                      | 24.5               | 0.0      |  |
| 20              | PIC-BPSK   | 128     | 0         | 23.82               |                     |                      | 24.5               | 0.0      |  |
| 20              | QPSK       | 1       | 1         | 23.82               |                     |                      |                    |          |  |
| 20              | QPSK       | 1       | 65        | 23.72               |                     |                      | 25.0               | 0.0      |  |
| 20              | QPSK       | 1       | 131       | 23.75               |                     |                      |                    |          |  |
| 20              | QPSK       | 64      | 0         | 23.77               |                     |                      | 24.0               | 1.0      |  |
| 20              | QPSK       | 64      | 32        | 23.78               |                     |                      | 24.0               | 0.0      |  |
| 20              | QPSK       | 64      | 66        | 23.80               |                     |                      | 24.0               | 1.0      |  |
| 20              | QPSK       | 128     | 0         | 23.77               |                     |                      | 24.0               | 0.0      |  |
| 20              | 16QAM      | 1       | 1         | 23.81               |                     |                      | 24.0               | 1.0      |  |
| 20              | 16QAM      | 1       | 1         | 23.88               |                     |                      | 23.5               | 2.5      |  |
| 20              | 256QAM     | 1       | 1         | 23.81               |                     |                      | 23.5               | 4.5      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 20              | QPSK       | 1       | 1         | 23.82               | 23.77               | 23.75                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 15              | QPSK       | 1       | 1         | 23.87               | 23.75               | 23.78                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 10              | QPSK       | 1       | 1         | 23.81               | 23.81               | 23.82                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 5               | QPSK       | 1       | 1         | 23.71               | 23.78               | 23.57                | 25.0               | 0.0      |  |

| n7_Ant 3        |            |         |           |                     |                     |                      |                    |          |     |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|-----|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power Max Ch. Freq. | Power High Ch. Freq. | Time-up time (min) | MFR (dB) |     |
| Channel         |            |         |           |                     |                     |                      |                    |          |     |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |     |
| 50              | PIC-BPSK   | 1       | 1         | 20.35               | 20.30               | 20.31                |                    |          |     |
| 50              | PIC-BPSK   | 1       | 135       | 20.36               | 20.47               | 20.35                | 22.0               |          | 0.0 |
| 50              | PIC-BPSK   | 1       | 268       | 20.30               | 20.44               | 20.40                |                    |          |     |
| 50              | PIC-BPSK   | 135     | 0         | 20.35               | 20.48               | 20.34                | 22.0               |          | 0.0 |
| 50              | PIC-BPSK   | 135     | 66        | 20.36               | 20.46               | 20.35                | 22.0               |          | 0.0 |
| 50              | PIC-BPSK   | 135     | 135       | 20.37               | 20.43               | 20.32                | 22.0               |          | 0.0 |
| 50              | PIC-BPSK   | 270     | 0         | 20.36               | 20.46               | 20.36                |                    |          |     |
| 50              | QPSK       | 1       | 1         | 20.41               | 20.52               | 20.51                |                    |          |     |
| 50              | QPSK       | 1       | 135       | 20.41               | 20.42               | 20.43                | 22.0               |          | 0.0 |
| 50              | QPSK       | 1       | 268       | 20.35               | 20.47               | 20.48                |                    |          |     |
| 50              | QPSK       | 135     | 0         | 20.37               | 20.38               | 20.34                | 22.0               |          | 0.0 |
| 50              | QPSK       | 135     | 66        | 20.39               | 20.48               | 20.38                | 22.0               |          | 0.0 |
| 50              | QPSK       | 135     | 135       | 20.32               | 20.42               | 20.38                | 22.0               |          | 0.0 |
| 50              | QPSK       | 270     | 0         | 20.36               | 20.48               | 20.36                | 22.0               |          | 0.0 |
| 50              | 16QAM      | 1       | 1         | 20.35               | 20.46               | 20.45                | 22.0               |          | 0.0 |
| 50              | 256QAM     | 1       | 1         | 20.39               | 20.87               | 20.53                | 21.5               |          | 0.0 |
| 50              | 256QAM     | 1       | 1         | 20.39               | 20.86               | 20.57                | 19.5               |          | 2.5 |
| Channel         |            |         |           |                     |                     |                      |                    |          |     |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |     |
| 40              | QPSK       | 1       | 1         | 20.40               | 20.45               | 20.40                | 21.0               |          | 0.0 |
| Channel         |            |         |           |                     |                     |                      |                    |          |     |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |     |
| 30              | QPSK       | 1       | 1         | 20.42               | 20.42               | 20.41                | 22.0               |          | 0.0 |
| Channel         |            |         |           |                     |                     |                      |                    |          |     |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |     |
| 20              | QPSK       | 1       | 1         | 20.41               | 20.44               | 20.50                | 22.0               |          | 0.0 |
| Channel         |            |         |           |                     |                     |                      |                    |          |     |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |     |
| 20              | QPSK       | 1       | 1         | 20.37               | 20.45               | 20.41                | 22.0               |          | 0.0 |
| Channel         |            |         |           |                     |                     |                      |                    |          |     |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |     |
| 15              | QPSK       | 1       | 1         | 20.42               | 20.50               | 20.48                | 22.0               |          | 0.0 |
| Channel         |            |         |           |                     |                     |                      |                    |          |     |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |     |
| 10              | QPSK       | 1       | 1         | 20.38               | 20.48               | 20.49                | 22.0               |          | 0.0 |
| Channel         |            |         |           |                     |                     |                      |                    |          |     |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |     |
| 5               | QPSK       | 1       | 1         | 20.40               | 20.45               | 20.42                | 22.0               |          | 0.0 |

| n25_Ant 3       |            |         |           |                     |                     |                      |                    |          |  |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|--|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power Max Ch. Freq. | Power High Ch. Freq. | Time-up time (min) | MFR (dB) |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |  |
| 40              | PIC-BPSK   | 1       | 1         | 19.52               | 19.62               | 19.58                |                    |          |  |
| 40              | PIC-BPSK   | 1       | 108       | 19.54               | 19.54               | 19.48                | 21.0               | 0.0      |  |
| 40              | PIC-BPSK   | 1       | 214       | 19.51               | 19.58               | 19.50                |                    |          |  |
| 40              | PIC-BPSK   | 108     | 0         | 19.52               | 19.49               | 19.48                | 21.0               | 0.0      |  |
| 40              | PIC-BPSK   | 108     | 54        | 19.55               | 19.50               | 19.52                | 21.0               | 0.0      |  |
| 40              | PIC-BPSK   | 108     | 108       | 19.52               | 19.57               | 19.48                | 21.0               | 0.0      |  |
| 40              | PIC-BPSK   | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 1       | 1         | 19.57               | 19.52               | 19.54                |                    |          |  |
| 40              | QPSK       | 1       | 108       | 19.51               | 19.54               | 19.48                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.49               | 19.54               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.54               | 19.53               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.49               | 19.54               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |
| 40              | QPSK       | 216     | 108       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 216     | 214       | 19.51               | 19.58               | 19.47                |                    |          |  |
| 40              | QPSK       | 108     | 54        | 19.55               | 19.50               | 19.52                |                    |          |  |
| 40              | QPSK       | 108     | 108       | 19.52               | 19.57               | 19.48                |                    |          |  |
| 40              | QPSK       | 216     | 0         | 19.53               | 19.52               | 19.51                |                    |          |  |

| n30_Ant 3       |            |         |           |                       |                          |                        |                     |          |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| RF [MHz]        | Modulation | RF Size | RF Offset | Power Low Ch. [Freq.] | Power Middle Ch. [Freq.] | Power High Ch. [Freq.] | Time-up limit (dBm) | MFR (dB) |
| Channel         |            |         |           |                       |                          |                        |                     |          |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 30              | PI/2 BPSK  | 1       | 1         | 21.10                 |                          |                        |                     |          |
| 30              | PI/2 BPSK  | 1       | 20        | 21.10                 |                          |                        | 21.5                | 0.0      |
| 30              | PI/2 BPSK  | 1       | 50        | 21.10                 |                          |                        | 21.5                | 0.0      |
| 30              | PI/2 BPSK  | 25      | 0         | 21.10                 |                          |                        | 21.5                | 0.0      |
| 30              | PI/2 BPSK  | 25      | 14        | 21.10                 |                          |                        | 21.5                | 0.0      |
| 30              | PI/2 BPSK  | 25      | 27        | 21.10                 |                          |                        | 21.5                | 0.0      |
| 30              | PI/2 BPSK  | 50      | 0         | 21.14                 |                          |                        | 21.5                | 0.0      |
| 30              | QPSK       | 1       | 1         | 21.10                 |                          |                        |                     |          |
| 30              | QPSK       | 1       | 20        | 21.10                 |                          |                        | 21.5                | 0.0      |
| 30              | QPSK       | 1       | 50        | 21.10                 |                          |                        | 21.5                | 0.0      |
| 30              | QPSK       | 25      | 0         | 21.10                 |                          |                        | 21.5                | 0.0      |
| 30              | QPSK       | 25      | 14        | 21.10                 |                          |                        | 21.5                | 0.0      |
| 30              | QPSK       | 25      | 27        | 21.10                 |                          |                        | 21.5                | 0.0      |
| 30              | QPSK       | 50      | 0         | 21.07                 |                          |                        | 21.5                | 0.0      |
| 30              | 16QAM      | 1       | 1         | 21.09                 |                          |                        | 21.5                | 0.0      |
| 30              | 16QAM      | 1       | 1         | 21.07                 |                          |                        | 21.5                | 0.0      |
| 30              | 256QAM     | 1       | 1         | 21.08                 |                          |                        | 21.5                | 0.0      |
| Channel         |            |         |           |                       |                          |                        |                     |          |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 30              | QPSK       | 1       | 1         | 21.10                 | 21.11                    | 21.09                  | 21.5                | 0.0      |

| n66_Ant 3       |            |         |           |                       |                          |                        |                     |          |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| RF [MHz]        | Modulation | RF Size | RF Offset | Power Low Ch. [Freq.] | Power Middle Ch. [Freq.] | Power High Ch. [Freq.] | Time-up limit (dBm) | MFR (dB) |
| Channel         |            |         |           |                       |                          |                        |                     |          |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 45              | PI/2 BPSK  | 1       | 1         | 23.10                 | 23.09                    | 23.10                  |                     |          |
| 45              | PI/2 BPSK  | 1       | 122       | 23.23                 | 23.26                    | 23.19                  | 23.5                | 0.0      |
| 45              | PI/2 BPSK  | 1       | 243       | 23.20                 | 23.19                    | 23.27                  | 23.5                | 0.0      |
| 45              | PI/2 BPSK  | 122     | 0         | 23.17                 | 23.10                    | 23.22                  | 23.5                | 0.0      |
| 45              | PI/2 BPSK  | 122     | 60        | 23.30                 | 23.29                    | 23.24                  | 23.5                | 0.0      |
| 45              | PI/2 BPSK  | 122     | 122       | 23.21                 | 23.27                    | 23.28                  | 23.5                | 0.0      |
| 45              | PI/2 BPSK  | 243     | 0         | 23.24                 | 23.21                    | 23.19                  | 23.5                | 0.0      |
| 45              | QPSK       | 1       | 1         | 23.17                 | 23.10                    | 23.24                  |                     |          |
| 45              | QPSK       | 1       | 122       | 23.21                 | 23.20                    | 23.20                  | 23.5                | 0.0      |
| 45              | QPSK       | 1       | 243       | 23.24                 | 23.20                    | 23.26                  | 23.5                | 0.0      |
| 45              | QPSK       | 122     | 0         | 23.23                 | 23.20                    | 23.24                  | 23.5                | 0.0      |
| 45              | QPSK       | 122     | 60        | 23.30                 | 23.24                    | 23.20                  | 23.5                | 0.0      |
| 45              | QPSK       | 122     | 122       | 23.19                 | 23.20                    | 23.26                  | 23.5                | 0.0      |
| 45              | QPSK       | 243     | 0         | 23.23                 | 23.20                    | 23.26                  | 23.5                | 0.0      |
| 45              | 16QAM      | 1       | 1         | 23.17                 | 23.21                    | 23.19                  | 23.5                | 0.0      |
| 45              | 16QAM      | 1       | 1         | 21.04                 | 21.05                    | 21.04                  | 23.5                | 1.0      |
| 45              | 256QAM     | 1       | 1         | 20.28                 | 20.27                    | 20.29                  | 20.5                | 0.0      |
| Channel         |            |         |           |                       |                          |                        |                     |          |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 40              | QPSK       | 1       | 1         | 23.10                 | 23.09                    | 23.10                  | 23.5                | 0.0      |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 35              | QPSK       | 1       | 1         | 23.20                 | 23.20                    | 23.20                  | 23.5                | 0.0      |
| Channel         |            |         |           |                       |                          |                        |                     |          |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 30              | QPSK       | 1       | 1         | 23.10                 | 23.10                    | 23.10                  | 23.5                | 0.0      |
| Channel         |            |         |           |                       |                          |                        |                     |          |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 25              | QPSK       | 1       | 1         | 23.20                 | 23.20                    | 23.20                  | 23.5                | 0.0      |
| Channel         |            |         |           |                       |                          |                        |                     |          |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 20              | QPSK       | 1       | 1         | 23.20                 | 23.20                    | 23.20                  | 23.5                | 0.0      |
| Channel         |            |         |           |                       |                          |                        |                     |          |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 15              | QPSK       | 1       | 1         | 23.20                 | 23.20                    | 23.20                  | 23.5                | 0.0      |
| Channel         |            |         |           |                       |                          |                        |                     |          |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 10              | QPSK       | 1       | 1         | 23.20                 | 23.20                    | 23.20                  | 23.5                | 0.0      |
| Channel         |            |         |           |                       |                          |                        |                     |          |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 5               | QPSK       | 1       | 1         | 23.20                 | 23.21                    | 23.20                  | 23.5                | 0.0      |

| n71_Ant 0       |            |         |           |                       |                          |                        |                     |          |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| RF [MHz]        | Modulation | RF Size | RF Offset | Power Low Ch. [Freq.] | Power Middle Ch. [Freq.] | Power High Ch. [Freq.] | Time-up limit (dBm) | MFR (dB) |
| Channel         |            |         |           |                       |                          |                        |                     |          |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 30              | PI/2 BPSK  | 1       | 1         | 23.07                 | 23.12                    | 23.11                  |                     |          |
| 30              | PI/2 BPSK  | 1       | 80        | 23.04                 | 23.07                    | 23.06                  | 25.0                | 0.0      |
| 30              | PI/2 BPSK  | 1       | 160       | 23.00                 | 23.00                    | 23.00                  | 25.0                | 0.0      |
| 30              | PI/2 BPSK  | 80      | 0         | 22.70                 | 22.72                    | 22.72                  | 24.5                | 0.0      |
| 30              | PI/2 BPSK  | 80      | 40        | 23.11                 | 23.20                    | 23.07                  | 25.0                | 0.0      |
| 30              | PI/2 BPSK  | 80      | 80        | 22.90                 | 22.70                    | 22.94                  | 24.5                | 0.0      |
| 30              | PI/2 BPSK  | 160     | 0         | 22.62                 | 22.69                    | 22.64                  | 24.5                | 0.0      |
| 30              | QPSK       | 1       | 1         | 23.05                 | 23.00                    | 23.05                  |                     |          |
| 30              | QPSK       | 1       | 80        | 23.10                 | 23.10                    | 23.00                  | 25.0                | 0.0      |
| 30              | QPSK       | 1       | 160       | 23.14                 | 23.17                    | 23.04                  | 24.0                | 1.0      |
| 30              | QPSK       | 80      | 0         | 22.17                 | 22.23                    | 22.17                  | 24.0                | 1.0      |
| 30              | QPSK       | 80      | 40        | 23.10                 | 23.20                    | 23.17                  | 25.0                | 0.0      |
| 30              | QPSK       | 80      | 80        | 22.10                 | 22.20                    | 22.21                  | 24.0                | 1.0      |
| 30              | QPSK       | 160     | 0         | 22.14                 | 22.20                    | 22.07                  | 24.0                | 1.0      |
| 30              | 16QAM      | 1       | 1         | 23.00                 | 23.01                    | 23.00                  | 24.5                | 0.0      |
| 30              | 16QAM      | 1       | 1         | 20.20                 | 20.21                    | 20.21                  | 22.5                | 0.0      |
| 30              | 256QAM     | 1       | 1         | 18.94                 | 19.00                    | 18.99                  | 20.5                | 0.0      |
| Channel         |            |         |           |                       |                          |                        |                     |          |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 25              | QPSK       | 1       | 1         | 23.10                 | 23.09                    | 23.10                  | 23.5                | 0.0      |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 20              | QPSK       | 1       | 1         | 23.10                 | 23.09                    | 23.10                  | 23.5                | 0.0      |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 15              | QPSK       | 1       | 1         | 23.10                 | 23.09                    | 23.10                  | 23.5                | 0.0      |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 10              | QPSK       | 1       | 1         | 23.10                 | 23.09                    | 23.10                  | 23.5                | 0.0      |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |
| 5               | QPSK       | 1       | 1         | 23.23                 | 23.22                    | 23.05                  | 23.0                | 0.0      |

| n38_Ant 3       |            |         |           |                       |                          |                        |                     |          |  |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| 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         |            |         |           | 518004                | 519000                   | 519996                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2590.02               | 2595                     | 2599.98                |                     |          |  |
| 40              | PI2 BPSK   | 1       | 1         | 22.13                 | 22.15                    | 22.10                  |                     |          |  |
| 40              | PI2 BPSK   | 1       | 53        | 22.13                 | 22.14                    | 22.16                  |                     |          |  |
| 40              | PI2 BPSK   | 1       | 104       | 22.07                 | 22.11                    | 22.15                  | 23.0                | 0.0      |  |
| 40              | PI2 BPSK   | 50      | 0         | 22.14                 | 22.08                    | 22.11                  |                     |          |  |
| 40              | PI2 BPSK   | 50      | 28        | 22.06                 | 22.15                    | 22.09                  |                     |          |  |
| 40              | PI2 BPSK   | 50      | 56        | 22.09                 | 22.17                    | 22.16                  |                     |          |  |
| 40              | PI2 BPSK   | 100     | 0         | 22.08                 | 22.13                    | 22.10                  | 23.0                | 0.0      |  |
| 40              | QPSK       | 1       | 1         | 22.15                 | 22.10                    | 22.17                  |                     |          |  |
| 40              | QPSK       | 1       | 53        | 22.05                 | 22.09                    | 22.07                  |                     |          |  |
| 40              | QPSK       | 1       | 104       | 22.14                 | 22.17                    | 22.08                  |                     |          |  |
| 40              | QPSK       | 50      | 0         | 22.11                 | 22.07                    | 22.02                  | 23.0                | 0.0      |  |
| 40              | QPSK       | 50      | 28        | 22.13                 | 22.14                    | 22.12                  |                     |          |  |
| 40              | QPSK       | 50      | 56        | 22.11                 | 22.10                    | 22.06                  |                     |          |  |
| 40              | QPSK       | 100     | 0         | 22.08                 | 22.11                    | 22.02                  |                     |          |  |
| 40              | 16QAM      | 1       | 1         | 22.12                 | 22.09                    | 22.06                  | 23.0                | 0.0      |  |
| 40              | 64QAM      | 1       | 1         | 19.86                 | 19.92                    | 19.89                  |                     |          |  |
| 40              | 256QAM     | 1       | 1         | 18.55                 | 18.43                    | 18.44                  |                     |          |  |
| Channel         |            |         |           | 517590                | 519000                   | 520000                 | 19.5                | 3.5      |  |
| Frequency (MHz) |            |         |           | 2587.5                | 2595                     | 2602.5                 |                     |          |  |
| 35              | QPSK       | 1       | 1         | 22.09                 | 22.14                    | 22.12                  |                     |          |  |
| Channel         |            |         |           | 517002                | 519000                   | 520998                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2585.01               | 2595                     | 2604.99                |                     |          |  |
| 30              | QPSK       | 1       | 1         | 22.10                 | 22.17                    | 22.11                  |                     |          |  |
| Channel         |            |         |           | 512534                | 519000                   | 521166                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2592.52               | 2595                     | 2607.48                |                     |          |  |
| 25              | QPSK       | 1       | 1         | 22.12                 | 22.10                    | 22.12                  |                     |          |  |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |          |  |
| 20              | QPSK       | 1       | 1         | 22.05                 | 22.10                    | 22.10                  |                     |          |  |
| Channel         |            |         |           | 511553                | 519000                   | 522188                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2577.51               | 2595                     | 2612.49                |                     |          |  |
| 15              | QPSK       | 1       | 1         | 22.14                 | 22.08                    | 22.08                  |                     |          |  |
| Channel         |            |         |           | 515004                | 519000                   | 522996                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2575.02               | 2595                     | 2614.98                |                     |          |  |
| 10              | QPSK       | 1       | 1         | 22.08                 | 22.14                    | 22.14                  |                     |          |  |

| FCC_n41_Ant 3   |            |         |           |                       |                          |                        |                     |          |  |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| 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         |            |         |           | 509202                | 518598                   | 526000                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |          |  |
| 100             | PI2 BPSK   | 1       | 1         | 21.58                 | 21.68                    | 21.69                  |                     |          |  |
| 100             | PI2 BPSK   | 1       | 137       | 21.62                 | 21.66                    | 21.68                  |                     |          |  |
| 100             | PI2 BPSK   | 1       | 271       | 21.58                 | 21.68                    | 21.63                  | 23.0                | 0.0      |  |
| 100             | PI2 BPSK   | 135     | 0         | 21.63                 | 21.71                    | 21.66                  |                     |          |  |
| 100             | PI2 BPSK   | 135     | 69        | 21.59                 | 21.71                    | 21.63                  |                     |          |  |
| 100             | PI2 BPSK   | 135     | 138       | 21.62                 | 21.66                    | 21.70                  |                     |          |  |
| 100             | PI2 BPSK   | 270     | 0         | 21.64                 | 21.67                    | 21.63                  | 23.0                | 0.0      |  |
| 100             | QPSK       | 1       | 1         | 21.73                 | 21.60                    | 21.75                  |                     |          |  |
| 100             | QPSK       | 1       | 137       | 21.66                 | 21.70                    | 21.75                  |                     |          |  |
| 100             | QPSK       | 1       | 271       | 21.67                 | 21.73                    | 21.77                  |                     |          |  |
| 100             | QPSK       | 135     | 0         | 21.64                 | 21.68                    | 21.69                  | 23.0                | 0.0      |  |
| 100             | QPSK       | 135     | 69        | 21.68                 | 21.74                    | 21.73                  |                     |          |  |
| 100             | QPSK       | 135     | 138       | 21.64                 | 21.66                    | 21.68                  |                     |          |  |
| 100             | QPSK       | 270     | 0         | 21.65                 | 21.67                    | 21.65                  |                     |          |  |
| 100             | 16QAM      | 1       | 1         | 21.58                 | 21.64                    | 21.66                  | 23.0                | 0.0      |  |
| 100             | 64QAM      | 1       | 1         | 21.60                 | 21.73                    | 21.63                  |                     |          |  |
| 100             | 256QAM     | 1       | 1         | 21.08                 | 21.17                    | 21.16                  |                     |          |  |
| Channel         |            |         |           | 506200                | 518598                   | 526998                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |          |  |
| 90              | QPSK       | 1       | 1         | 21.60                 | 21.67                    | 21.66                  |                     |          |  |
| Channel         |            |         |           | 507204                | 518598                   | 526998                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |          |  |
| 80              | QPSK       | 1       | 1         | 21.58                 | 21.69                    | 21.63                  |                     |          |  |
| Channel         |            |         |           | 508200                | 518598                   | 531000                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |          |  |
| 70              | QPSK       | 1       | 1         | 21.65                 | 21.64                    | 21.66                  |                     |          |  |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |          |  |
| 60              | QPSK       | 1       | 1         | 21.60                 | 21.71                    | 21.65                  |                     |          |  |
| Channel         |            |         |           | 504200                | 518598                   | 532998                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |          |  |
| 50              | QPSK       | 1       | 1         | 21.61                 | 21.70                    | 21.63                  |                     |          |  |
| Channel         |            |         |           | 503700                | 518598                   | 533496                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2518.5                | 2592.99                  | 2667.48                |                     |          |  |
| 45              | QPSK       | 1       | 1         | 21.65                 | 21.64                    | 21.70                  |                     |          |  |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |          |  |
| 40              | QPSK       | 1       | 1         | 21.66                 | 21.70                    | 21.70                  |                     |          |  |
| Channel         |            |         |           | 502704                | 518598                   | 534498                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2513.52               | 2592.99                  | 2672.49                |                     |          |  |
| 35              | QPSK       | 1       | 1         | 21.64                 | 21.65                    | 21.69                  |                     |          |  |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |          |  |
| 30              | QPSK       | 1       | 1         | 21.63                 | 21.68                    | 21.69                  |                     |          |  |
| Channel         |            |         |           | 501702                | 518598                   | 535500                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2503.51               | 2592.99                  | 2677.5                 |                     |          |  |
| 25              | QPSK       | 1       | 1         | 21.67                 | 21.71                    | 21.72                  |                     |          |  |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |          |  |
| 20              | QPSK       | 1       | 1         | 21.59                 | 21.70                    | 21.63                  |                     |          |  |
| Channel         |            |         |           | 500700                | 518598                   | 536500                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |          |  |
| 15              | QPSK       | 1       | 1         | 21.65                 | 21.67                    | 21.66                  |                     |          |  |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | 23.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |          |  |
| 10              | QPSK       | 1       | 1         | 21.65                 | 21.70                    | 21.63                  |                     |          |  |

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|-----------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|--|---------------------|----------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch / Freq. | Power Middle Ch / Freq. | Power High Ch / Freq. | Tune-up limit (dBm) | MPR (dB) |  |                     |          |  |
| Channel         |            |         |           | 638000               | 641666                  | 645332                | 21.0                | 0.0      |  |                     |          |  |
| Frequency (MHz) |            |         |           | 3570                 | 3624.99                 | 3679.98               |                     |          |  |                     |          |  |
| 40              | PI2 BPSK   | 1       | 1         | 19.09                | 19.22                   | 19.23                 |                     |          |  |                     |          |  |
| 40              | PI2 BPSK   | 1       | 53        | 19.13                | 19.22                   | 19.17                 |                     |          |  |                     |          |  |
| 40              | PI2 BPSK   | 1       | 104       | 19.15                | 19.16                   | 19.20                 | 21.0                | 0.0      |  |                     |          |  |
| 40              | PI2 BPSK   | 50      | 0         | 19.07                | 19.18                   | 19.21                 |                     |          |  |                     |          |  |
| 40              | PI2 BPSK   | 50      | 28        | 19.09                | 19.20                   | 19.16                 |                     |          |  |                     |          |  |
| 40              | PI2 BPSK   | 50      | 56        | 19.11                | 19.18                   | 19.22                 |                     |          |  |                     |          |  |
| 40              | PI2 BPSK   | 100     | 0         | 19.08                | 19.17                   | 19.22                 | 21.0                | 0.0      |  |                     |          |  |
| 40              | QPSK       | 1       | 1         | 19.16                | 19.26                   | 19.24                 |                     |          |  |                     |          |  |
| 40              | QPSK       | 1       | 53        | 19.09                | 19.17                   | 19.18                 |                     |          |  |                     |          |  |
| 40              | QPSK       | 1       | 104       | 19.15                | 19.25                   | 19.19                 |                     |          |  |                     |          |  |
| 40              | QPSK       | 50      | 0         | 19.06                | 19.15                   | 19.13                 | 21.0                | 0.0      |  |                     |          |  |
| 40              | QPSK       | 50      | 28        | 19.14                | 19.25                   | 19.17                 |                     |          |  |                     |          |  |
| 40              | QPSK       | 50      | 56        | 19.08                | 19.16                   | 19.14                 |                     |          |  |                     |          |  |
| 40              | QPSK       | 100     | 0         | 19.11                | 19.14                   | 19.14                 |                     |          |  |                     |          |  |
| 40              | 16QAM      | 1       | 1         | 19.09                | 19.16                   | 19.13                 | 21.0                | 0.0      |  |                     |          |  |
| 40              | 64QAM      | 1       | 1         | 19.13                | 19.12                   | 19.12                 |                     |          |  |                     |          |  |
| 40              | 256QAM     | 1       | 1         | 17.87                | 17.83                   | 17.84                 |                     |          |  |                     |          |  |
| Channel         |            |         |           | 637668               | 641666                  | 645666                | Tune-up limit (dBm) | MPR (dB) |  |                     |          |  |
| Frequency (MHz) |            |         |           | 3565.02              | 3624.99                 | 3684.99               | 21.0                | 0.0      |  |                     |          |  |
| 30              | QPSK       | 1       | 1         | 19.09                | 19.17                   | 19.15                 | 21.0                | 0.0      |  |                     |          |  |
| Channel         |            |         |           | 637232               | 641666                  | 645030                |                     |          |  | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 3560.01              | 3624.99                 | 3690                  |                     |          |  | 21.0                | 0.0      |  |
| 30              | QPSK       | 1       | 1         | 19.11                | 19.19                   | 19.17                 |                     |          |  | 21.0                | 0.0      |  |
| Channel         |            |         |           | 637168               | 641666                  | 645166                | Tune-up limit (dBm) | MPR (dB) |  |                     |          |  |
| Frequency (MHz) |            |         |           | 3557.2               | 3624.99                 | 3692.49               | 21.0                | 0.0      |  |                     |          |  |
| 15              | QPSK       | 1       | 1         | 19.15                | 19.18                   | 19.14                 | 21.0                | 0.0      |  |                     |          |  |
| Channel         |            |         |           | 637000               | 641666                  | 645332                |                     |          |  | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 3565                 | 3624.99                 | 3694.98               |                     |          |  | 21.0                | 0.0      |  |
| 10              | QPSK       | 1       | 1         | 19.14                | 19.22                   | 19.18                 |                     |          |  | 21.0                | 0.0      |  |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up<br>limit<br>(dBm) | MPR<br>(dB) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|---------------------------|-------------|
| Channel         |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 640000                      | 641666                         | 643332                       |                           |             |
| Frequency (MHz) |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 3600                        | 3624.99                        | 3649.98                      |                           |             |
| 100             | P1/2 BPSK  | 1       | 1         | 19.19                       | 19.26                          | 19.23                        |                           |             |
| 100             | P1/2 BPSK  | 1       | 137       | 19.19                       | 19.22                          | 19.26                        |                           |             |
| 100             | P1/2 BPSK  | 1       | 271       | 19.22                       | 19.23                          | 19.18                        |                           | 0.0         |
| 100             | P1/2 BPSK  | 135     | 0         | 19.21                       | 19.23                          | 19.25                        | 20.5                      | 0.0         |
| 100             | P1/2 BPSK  | 135     | 69        | 19.23                       | 19.21                          | 19.18                        | 20.5                      | 0.0         |
| 100             | P1/2 BPSK  | 135     | 138       | 19.21                       | 19.20                          | 19.23                        |                           |             |
| 100             | P1/2 BPSK  | 270     | 0         | 19.21                       | 19.19                          | 19.24                        |                           | 0.0         |
| 100             | QPSK       | 1       | 1         | 19.26                       | 19.20                          | 19.23                        |                           |             |
| 100             | QPSK       | 1       | 137       | 19.20                       | 19.24                          | 19.22                        |                           | 0.0         |
| 100             | QPSK       | 1       | 271       | 19.17                       | 19.27                          | 19.21                        |                           |             |
| 100             | QPSK       | 135     | 0         | 19.08                       | 19.24                          | 19.19                        |                           |             |
| 100             | QPSK       | 135     | 69        | 19.18                       | 19.26                          | 19.23                        |                           | 0.0         |
| 100             | QPSK       | 135     | 138       | 19.12                       | 19.23                          | 19.17                        |                           |             |
| 100             | QPSK       | 270     | 0         | 19.09                       | 19.22                          | 19.21                        |                           | 0.0         |
| 100             | 16QAM      | 1       | 1         | 19.14                       | 19.25                          | 19.18                        | 20.5                      | 0.0         |
| 100             | 64QAM      | 1       | 1         | 19.11                       | 19.24                          | 19.20                        | 20.5                      | 0.0         |
| 100             | 256QAM     | 1       | 1         | 19.14                       | 19.24                          | 19.18                        | 20.5                      | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 639999                      | 641666                         | 643332                       |                           |             |
| Frequency (MHz) |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 3599.01                     | 3624.99                        | 3660                         |                           |             |
| 90              | QPSK       | 1       | 1         | 19.16                       | 19.26                          | 19.21                        | 20.5                      | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 639334                      | 641666                         | 644000                       |                           |             |
| Frequency (MHz) |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 3599.01                     | 3624.99                        | 3660                         |                           |             |
| 80              | QPSK       | 1       | 1         | 19.20                       | 19.25                          | 19.23                        | 20.5                      | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 639000                      | 641666                         | 644332                       |                           |             |
| Frequency (MHz) |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 3595                        | 3624.99                        | 3664.98                      |                           |             |
| 70              | QPSK       | 1       | 1         | 19.21                       | 19.23                          | 19.25                        | 20.5                      | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 638668                      | 641666                         | 644666                       |                           |             |
| Frequency (MHz) |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 3590.02                     | 3624.99                        | 3669.99                      |                           |             |
| 60              | QPSK       | 1       | 1         | 19.21                       | 19.27                          | 19.19                        | 20.5                      | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 633333                      | 641666                         | 645000                       |                           |             |
| Frequency (MHz) |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 3575.01                     | 3624.99                        | 3675                         |                           |             |
| 50              | QPSK       | 1       | 1         | 19.22                       | 19.22                          | 19.18                        | 20.5                      | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 638000                      | 641666                         | 645332                       |                           |             |
| Frequency (MHz) |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 3570                        | 3624.99                        | 3679.98                      |                           |             |
| 40              | QPSK       | 1       | 1         | 19.21                       | 19.20                          | 19.25                        | 20.5                      | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 637668                      | 641666                         | 645666                       |                           |             |
| Frequency (MHz) |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 3565.02                     | 3624.99                        | 3684.99                      |                           |             |
| 30              | QPSK       | 1       | 1         | 19.19                       | 19.26                          | 19.23                        | 20.5                      | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 637500                      | 641666                         | 645832                       |                           |             |
| Frequency (MHz) |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 3562.5                      | 3624.99                        | 3682.49                      |                           |             |
| 25              | QPSK       | 1       | 1         | 19.17                       | 19.23                          | 19.26                        | 20.5                      | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 637334                      | 641666                         | 646000                       |                           |             |
| Frequency (MHz) |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 3560.01                     | 3624.99                        | 3690                         |                           |             |
| 20              | QPSK       | 1       | 1         | 19.22                       | 19.28                          | 19.20                        | 20.5                      | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 637168                      | 641666                         | 646166                       |                           |             |
| Frequency (MHz) |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 3557.5                      | 3624.99                        | 3692.49                      |                           |             |
| 15              | QPSK       | 1       | 1         | 19.16                       | 19.20                          | 19.21                        | 20.5                      | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 637000                      | 641666                         | 646332                       |                           |             |
| Frequency (MHz) |            |         |           |                             |                                |                              |                           |             |
|                 |            |         |           | 3555                        | 3624.99                        | 3694.98                      |                           |             |
| 10              | QPSK       | 1       | 1         | 19.24                       | 19.19                          | 19.26                        | 20.5                      | 0.0         |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|-------------|
| Channel         |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 19.21                       | 633332                         |                              |                        |             |
| Frequency (MHz) |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 3499.98                     |                                |                              |                        |             |
| 100             | P1/2 BPSK  | 1       | 1         |                             | 19.21                          |                              |                        |             |
| 100             | P1/2 BPSK  | 1       | 137       |                             | 19.22                          |                              | 20.5                   | 0.0         |
| 100             | P1/2 BPSK  | 1       | 271       |                             | 19.28                          |                              |                        |             |
| 100             | P1/2 BPSK  | 135     | 0         |                             | 19.21                          | 19.25                        | 20.5                   | 0.0         |
| 100             | P1/2 BPSK  | 135     | 69        |                             | 19.23                          |                              | 20.5                   | 0.0         |
| 100             | P1/2 BPSK  | 135     | 138       |                             | 19.28                          |                              |                        |             |
| 100             | P1/2 BPSK  | 270     | 0         |                             | 19.21                          |                              | 20.5                   | 0.0         |
| 100             | QPSK       | 1       | 1         |                             | 19.34                          |                              |                        |             |
| 100             | QPSK       | 1       | 137       |                             | 19.26                          |                              | 20.5                   | 0.0         |
| 100             | QPSK       | 1       | 271       |                             | 19.24                          |                              |                        |             |
| 100             | QPSK       | 135     | 0         |                             | 19.27                          |                              |                        |             |
| 100             | QPSK       | 135     | 69        |                             | 19.31                          |                              | 20.5                   | 0.0         |
| 100             | QPSK       | 135     | 138       |                             | 19.27                          |                              |                        |             |
| 100             | QPSK       | 270     | 0         |                             | 19.23                          |                              | 20.5                   | 0.0         |
| 100             | 16QAM      | 1       | 1         |                             | 19.26                          |                              | 20.5                   | 0.0         |
| 100             | 64QAM      | 1       | 1         |                             | 19.23                          |                              | 20.5                   | 0.0         |
| 100             | 256QAM     | 1       | 1         |                             | 19.27                          |                              | 20.5                   | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 633000                      | 633332                         | 633666                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 3495                        | 3499.98                        | 3504.99                      |                        |             |
| 90              | QPSK       | 1       | 1         | 19.24                       | 19.22                          | 19.24                        | 20.5                   | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 632668                      | 633332                         | 634000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 3490.02                     | 3499.98                        | 3510                         |                        |             |
| 80              | QPSK       | 1       | 1         | 19.21                       | 19.19                          | 19.17                        | 20.5                   | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 632334                      | 633332                         | 634332                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 3485.01                     | 3499.98                        | 3514.98                      |                        |             |
| 70              | QPSK       | 1       | 1         | 19.23                       | 19.18                          | 19.23                        | 20.5                   | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 632000                      | 633332                         | 634666                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 3480                        | 3499.98                        | 3519.99                      |                        |             |
| 60              | QPSK       | 1       | 1         | 19.22                       | 19.12                          | 19.15                        | 20.5                   | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 631668                      | 633332                         | 635000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 3475.02                     | 3499.98                        | 3525                         |                        |             |
| 50              | QPSK       | 1       | 1         | 19.21                       | 19.15                          | 19.22                        | 20.5                   | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 631334                      | 633332                         | 635332                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 3470.01                     | 3499.98                        | 3529.98                      |                        |             |
| 40              | QPSK       | 1       | 1         | 19.15                       | 19.12                          | 19.16                        | 20.5                   | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 631000                      | 633332                         | 635666                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 3465                        | 3499.98                        | 3534.99                      |                        |             |
| 30              | QPSK       | 1       | 1         | 19.16                       | 19.16                          | 19.23                        | 20.5                   | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 630834                      | 633332                         | 635832                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 3462.51                     | 3499.98                        | 3537.48                      |                        |             |
| 25              | QPSK       | 1       | 1         | 19.19                       | 19.19                          | 19.23                        | 20.5                   | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 630668                      | 633332                         | 636000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 3460.02                     | 3499.98                        | 3540                         |                        |             |
| 20              | QPSK       | 1       | 1         | 19.18                       | 19.14                          | 19.23                        | 20.5                   | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 630500                      | 633332                         | 636166                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 3457.5                      | 3499.98                        | 3542.49                      |                        |             |
| 15              | QPSK       | 1       | 1         | 19.21                       | 19.19                          | 19.15                        | 20.5                   | 0.0         |
| Channel         |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 630334                      | 633332                         | 636332                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |
| Frequency (MHz) |            |         |           |                             |                                |                              |                        |             |
|                 |            |         |           | 3455.01                     | 3499.98                        | 3544.98                      |                        |             |
| 10              | QPSK       | 1       | 1         | 19.16                       | 19.19                          | 19.17                        | 20.5                   | 0.0         |

| Part96_n78_Ant 4 |            |         |           |                             |                                |                              |                        |             |     |
|------------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|-------------|-----|
| BW [MHz]         | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |     |
| Channel          |            |         |           | 640000                      | 641666                         | 643332                       |                        |             |     |
| Frequency (MHz)  |            |         |           | 3600                        | 3624.99                        | 3649.98                      |                        |             |     |
| 100              | P12 BPSK   | 1       | 1         | 19.02                       | 19.13                          | 18.99                        |                        | 20.5        | 0.0 |
| 100              | P12 BPSK   | 1       | 137       | 18.97                       | 19.05                          | 18.98                        |                        |             |     |
| 100              | P12 BPSK   | 1       | 271       | 18.95                       | 19.10                          | 18.95                        |                        |             |     |
| 100              | P12 BPSK   | 135     | 0         | 19.00                       | 19.04                          | 18.94                        | 20.5                   | 0.0         |     |
| 100              | P12 BPSK   | 135     | 69        | 18.95                       | 19.04                          | 18.97                        | 20.5                   | 0.0         |     |
| 100              | P12 BPSK   | 135     | 138       | 19.02                       | 19.09                          | 18.96                        | 20.5                   | 0.0         |     |
| 100              | P12 BPSK   | 270     | 0         | 19.03                       | 19.11                          | 18.97                        | 20.5                   | 0.0         |     |
| 100              | QPSK       | 1       | 1         | 19.12                       | 19.16                          | 19.12                        |                        | 20.5        | 0.0 |
| 100              | QPSK       | 1       | 137       | 19.12                       | 19.13                          | 19.05                        |                        |             |     |
| 100              | QPSK       | 1       | 271       | 19.08                       | 19.09                          | 19.03                        |                        |             |     |
| 100              | QPSK       | 135     | 0         | 18.95                       | 19.05                          | 18.99                        |                        | 20.5        | 0.0 |
| 100              | QPSK       | 135     | 69        | 19.05                       | 19.14                          | 19.04                        |                        |             |     |
| 100              | QPSK       | 135     | 138       | 18.99                       | 19.07                          | 18.94                        |                        |             |     |
| 100              | QPSK       | 270     | 0         | 19.02                       | 19.09                          | 19.02                        | 20.5                   | 0.0         |     |
| 100              | 16QAM      | 1       | 1         | 19.00                       | 19.04                          | 18.94                        | 20.5                   | 0.0         |     |
| 100              | 64QAM      | 1       | 1         | 18.99                       | 19.05                          | 19.01                        | 20.5                   | 0.0         |     |
| 100              | 256QAM     | 1       | 1         | 18.99                       | 19.13                          | 18.99                        | 20.5                   | 0.0         |     |
| Channel          |            |         |           | 639998                      | 641666                         | 643666                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)  |            |         |           | 3695.02                     | 3624.99                        | 3654.98                      |                        |             |     |
| 90               | QPSK       | 1       | 1         | 19.04                       | 19.09                          | 18.98                        | 20.5                   | 0.0         |     |
| Channel          |            |         |           | 639334                      | 641666                         | 644000                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)  |            |         |           | 3690.01                     | 3624.99                        | 3660                         |                        |             |     |
| 80               | QPSK       | 1       | 1         | 18.98                       | 19.04                          | 19.01                        | 20.5                   | 0.0         |     |
| Channel          |            |         |           | 639990                      | 641666                         | 644332                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)  |            |         |           | 3695                        | 3624.99                        | 3654.98                      |                        |             |     |
| 70               | QPSK       | 1       | 1         | 18.99                       | 19.10                          | 19.02                        | 20.5                   | 0.0         |     |
| Channel          |            |         |           | 638668                      | 641666                         | 644666                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)  |            |         |           | 3680.02                     | 3624.99                        | 3669.98                      |                        |             |     |
| 60               | QPSK       | 1       | 1         | 18.99                       | 19.10                          | 18.94                        | 20.5                   | 0.0         |     |
| Channel          |            |         |           | 631334                      | 641666                         | 645000                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)  |            |         |           | 3675.01                     | 3624.99                        | 3675                         |                        |             |     |
| 50               | QPSK       | 1       | 1         | 18.99                       | 19.07                          | 18.98                        | 20.5                   | 0.0         |     |
| Channel          |            |         |           | 638000                      | 641666                         | 645332                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)  |            |         |           | 3570                        | 3624.99                        | 3676.98                      |                        |             |     |
| 40               | QPSK       | 1       | 1         | 19.01                       | 19.08                          | 19.01                        | 20.5                   | 0.0         |     |
| Channel          |            |         |           | 637668                      | 641666                         | 645666                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)  |            |         |           | 3665.02                     | 3624.99                        | 3684.99                      |                        |             |     |
| 30               | QPSK       | 1       | 1         | 18.96                       | 19.11                          | 18.98                        | 20.5                   | 0.0         |     |
| Channel          |            |         |           | 637500                      | 641666                         | 645832                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)  |            |         |           | 2592.5                      | 3624.99                        | 3692.49                      |                        |             |     |
| 25               | QPSK       | 1       | 1         | 19.04                       | 19.05                          | 18.98                        | 20.5                   | 0.0         |     |
| Channel          |            |         |           | 637334                      | 641666                         | 646000                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)  |            |         |           | 3660.01                     | 3624.99                        | 3690                         |                        |             |     |
| 20               | QPSK       | 1       | 1         | 19.02                       | 19.09                          | 19.00                        | 20.5                   | 0.0         |     |
| Channel          |            |         |           | 637168                      | 641666                         | 646168                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)  |            |         |           | 3657.52                     | 3624.99                        | 3692.49                      |                        |             |     |
| 15               | QPSK       | 1       | 1         | 19.00                       | 19.09                          | 18.98                        | 20.5                   | 0.0         |     |
| Channel          |            |         |           | 637000                      | 641666                         | 646332                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)  |            |         |           | 3655                        | 3624.99                        | 3694.98                      |                        |             |     |
| 10               | QPSK       | 1       | 1         | 18.97                       | 19.04                          | 19.00                        | 20.5                   | 0.0         |     |

| Part27Q_n78_Ant 4 |            |         |           |                             |                                |                              |                        |             |     |
|-------------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|-------------|-----|
| BW [MHz]          | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |     |
| Channel           |            |         |           | 633332                      |                                |                              |                        |             |     |
| Frequency (MHz)   |            |         |           | 3499.98                     |                                |                              |                        |             |     |
| 100               | P12 BPSK   | 1       | 1         |                             | 19.15                          |                              |                        | 20.5        | 0.0 |
| 100               | P12 BPSK   | 1       | 137       |                             | 19.16                          |                              |                        |             |     |
| 100               | P12 BPSK   | 1       | 271       |                             | 19.11                          |                              |                        |             |     |
| 100               | P12 BPSK   | 135     | 0         |                             | 19.17                          |                              | 20.5                   | 0.0         |     |
| 100               | P12 BPSK   | 135     | 69        |                             | 19.17                          |                              | 20.5                   | 0.0         |     |
| 100               | P12 BPSK   | 135     | 138       |                             | 19.13                          |                              | 20.5                   | 0.0         |     |
| 100               | P12 BPSK   | 270     | 0         |                             | 19.16                          |                              | 20.5                   | 0.0         |     |
| 100               | QPSK       | 1       | 1         |                             | 19.26                          |                              |                        | 20.5        | 0.0 |
| 100               | QPSK       | 1       | 137       |                             | 19.23                          |                              |                        |             |     |
| 100               | QPSK       | 1       | 271       |                             | 19.25                          |                              |                        |             |     |
| 100               | QPSK       | 135     | 0         |                             | 19.15                          |                              |                        | 20.5        | 0.0 |
| 100               | QPSK       | 135     | 69        |                             | 19.18                          |                              |                        |             |     |
| 100               | QPSK       | 135     | 138       |                             | 19.14                          |                              |                        |             |     |
| 100               | QPSK       | 270     | 0         |                             | 19.16                          |                              | 20.5                   | 0.0         |     |
| 100               | 16QAM      | 1       | 1         |                             | 19.11                          |                              | 20.5                   | 0.0         |     |
| 100               | 64QAM      | 1       | 1         |                             | 19.11                          |                              | 20.5                   | 0.0         |     |
| 100               | 256QAM     | 1       | 1         |                             | 19.11                          |                              | 20.5                   | 0.0         |     |
| Channel           |            |         |           | 633000                      | 633332                         | 633666                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)   |            |         |           | 3495                        | 3499.98                        | 3504.99                      |                        |             |     |
| 90                | QPSK       | 1       | 1         | 19.17                       | 19.22                          | 19.13                        | 20.5                   | 0.0         |     |
| Channel           |            |         |           | 632668                      | 633332                         | 634000                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)   |            |         |           | 3490.02                     | 3499.98                        | 3510                         |                        |             |     |
| 80                | QPSK       | 1       | 1         | 19.08                       | 19.13                          | 19.08                        | 20.5                   | 0.0         |     |
| Channel           |            |         |           | 632334                      | 633332                         | 634332                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)   |            |         |           | 3485.01                     | 3499.98                        | 3514.98                      |                        |             |     |
| 70                | QPSK       | 1       | 1         | 19.12                       | 19.13                          | 19.04                        | 20.5                   | 0.0         |     |
| Channel           |            |         |           | 632000                      | 633332                         | 634666                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)   |            |         |           | 3480                        | 3499.98                        | 3515.99                      |                        |             |     |
| 60                | QPSK       | 1       | 1         | 19.12                       | 19.20                          | 19.03                        | 20.5                   | 0.0         |     |
| Channel           |            |         |           | 631668                      | 633332                         | 635000                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)   |            |         |           | 3475.02                     | 3499.98                        | 3525                         |                        |             |     |
| 50                | QPSK       | 1       | 1         | 19.11                       | 19.18                          | 19.04                        | 20.5                   | 0.0         |     |
| Channel           |            |         |           | 631334                      | 633332                         | 635332                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)   |            |         |           | 3470.01                     | 3499.98                        | 3529.98                      |                        |             |     |
| 40                | QPSK       | 1       | 1         | 19.14                       | 19.12                          | 19.04                        | 20.5                   | 0.0         |     |
| Channel           |            |         |           | 631000                      | 633332                         | 635666                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)   |            |         |           | 3465                        | 3499.98                        | 3534.99                      |                        |             |     |
| 30                | QPSK       | 1       | 1         | 19.08                       | 19.15                          | 19.10                        | 20.5                   | 0.0         |     |
| Channel           |            |         |           | 630834                      | 633332                         | 635832                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)   |            |         |           | 3462.51                     | 3499.98                        | 3532.49                      |                        |             |     |
| 25                | QPSK       | 1       | 1         | 19.13                       | 19.17                          | 19.12                        | 20.5                   | 0.0         |     |
| Channel           |            |         |           | 630668                      | 633332                         | 636000                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)   |            |         |           | 3460.02                     | 3499.98                        | 3540                         |                        |             |     |
| 20                | QPSK       | 1       | 1         | 19.12                       | 19.19                          | 19.10                        | 20.5                   | 0.0         |     |
| Channel           |            |         |           | 630500                      | 633332                         | 636168                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)   |            |         |           | 3457.5                      | 3499.98                        | 3542.49                      |                        |             |     |
| 15                | QPSK       | 1       | 1         | 19.13                       | 19.13                          | 19.08                        | 20.5                   | 0.0         |     |
| Channel           |            |         |           | 630334                      | 633332                         | 636332                       | Tune-up limit<br>(dBm) | MPR         |     |
| Frequency (MHz)   |            |         |           | 3455.01                     | 3499.98                        | 3544.98                      |                        |             |     |
| 10                | QPSK       | 1       | 1         | 19.12                       | 19.17                          | 19.08                        | 20.5                   | 0.0         |     |

| Part27O_n78_Ant 4 |            |         |           |                       |                          |                        |                     |          |  |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz]          | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |  |
| Channel           |            |         |           | 650000                |                          |                        |                     |          |  |
| Frequency (MHz)   |            |         |           | 3750                  |                          |                        |                     |          |  |
| 100               | P12 BPSK   | 1       | 1         |                       | 19.00                    |                        | 20.5                | 0.0      |  |
| 100               | P12 BPSK   | 1       | 137       |                       | 19.00                    |                        |                     |          |  |
| 100               | P12 BPSK   | 1       | 271       |                       | 19.05                    |                        |                     |          |  |
| 100               | P12 BPSK   | 135     | 0         |                       | 19.01                    |                        | 20.5                | 0.0      |  |
| 100               | P12 BPSK   | 135     | 69        |                       | 19.03                    |                        | 20.5                | 0.0      |  |
| 100               | P12 BPSK   | 135     | 138       |                       | 19.04                    |                        | 20.5                | 0.0      |  |
| 100               | P12 BPSK   | 270     | 0         |                       | 19.00                    |                        | 20.5                | 0.0      |  |
| 100               | QPSK       | 1       | 1         |                       | 19.10                    |                        | 20.5                | 0.0      |  |
| 100               | QPSK       | 1       | 137       |                       | 19.07                    |                        |                     |          |  |
| 100               | QPSK       | 1       | 271       |                       | 19.05                    |                        |                     |          |  |
| 100               | QPSK       | 135     | 0         |                       | 19.05                    |                        | 20.5                | 0.0      |  |
| 100               | QPSK       | 135     | 69        |                       | 19.07                    |                        |                     |          |  |
| 100               | QPSK       | 135     | 138       |                       | 19.06                    |                        |                     |          |  |
| 100               | QPSK       | 270     | 0         |                       | 19.04                    |                        | 20.5                | 0.0      |  |
| 100               | 16QAM      | 1       | 1         |                       | 18.98                    |                        | 20.5                | 0.0      |  |
| 100               | 64QAM      | 1       | 1         |                       | 19.01                    |                        | 20.5                | 0.0      |  |
| 100               | 256QAM     | 1       | 1         |                       | 19.01                    |                        | 20.5                | 0.0      |  |
| Channel           |            |         |           | 649998                | 650000                   | 650332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3745.02               | 3750                     | 3794.98                |                     |          |  |
| 90                | QPSK       | 1       | 1         | 18.99                 | 18.92                    | 18.91                  | 20.5                | 0.0      |  |
| Channel           |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3740.01               | 3750                     | 3769.99                |                     |          |  |
| 80                | QPSK       | 1       | 1         | 19.00                 | 18.98                    | 18.94                  | 20.5                | 0.0      |  |
| Channel           |            |         |           | 650000                | 650000                   | 651000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3735                  | 3750                     | 3765                   |                     |          |  |
| 70                | QPSK       | 1       | 1         | 18.95                 | 18.90                    | 18.99                  | 20.5                | 0.0      |  |
| Channel           |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |          |  |
| 60                | QPSK       | 1       | 1         | 19.00                 | 18.94                    | 18.99                  | 20.5                | 0.0      |  |
| Channel           |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |          |  |
| 50                | QPSK       | 1       | 1         | 18.99                 | 18.92                    | 18.98                  | 20.5                | 0.0      |  |
| Channel           |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3720                  | 3750                     | 3780                   |                     |          |  |
| 40                | QPSK       | 1       | 1         | 18.94                 | 18.90                    | 19.04                  | 20.5                | 0.0      |  |
| Channel           |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3715.02               | 3750                     | 3784.98                |                     |          |  |
| 30                | QPSK       | 1       | 1         | 18.92                 | 18.93                    | 18.90                  | 20.5                | 0.0      |  |
| Channel           |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3712.5                | 3750                     | 3787.5                 |                     |          |  |
| 25                | QPSK       | 1       | 1         | 18.95                 | 18.92                    | 18.93                  | 20.5                | 0.0      |  |
| Channel           |            |         |           | 652334                | 650000                   | 652666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |          |  |
| 20                | QPSK       | 1       | 1         | 18.94                 | 18.87                    | 18.92                  | 20.5                | 0.0      |  |
| Channel           |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |          |  |
| 15                | QPSK       | 1       | 1         | 18.92                 | 18.87                    | 18.93                  | 20.5                | 0.0      |  |
| Channel           |            |         |           | 652000                | 650000                   | 653000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3705                  | 3750                     | 3795                   |                     |          |  |
| 10                | QPSK       | 1       | 1         | 18.95                 | 18.91                    | 18.93                  | 20.5                | 0.0      |  |

## Reduced Power Mode for Sensor on

| n2_Ant 3        |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
|-----------------|------------|---------|-----------|---------------------|----------------------|----------------------|--------------------|----------|--|--|--|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mode Ch./Freq. | Power High Ch./Freq. | Time-up time (dBm) | MFR (dB) |  |  |  |  |
| Channel         |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| 40              | PSS-BPSK   | 1       | 1         | 15.00               | 15.10                | 15.05                | 14.5               | 0.0      |  |  |  |  |
| 40              | PSS-BPSK   | 1       | 108       | 15.10               | 15.14                | 15.07                |                    |          |  |  |  |  |
| 40              | PSS-BPSK   | 1       | 214       | 15.11               | 15.10                | 15.02                | 14.5               | 0.0      |  |  |  |  |
| 40              | PSS-BPSK   | 108     | 0         | 15.00               | 15.07                | 15.05                |                    |          |  |  |  |  |
| 40              | PSS-BPSK   | 108     | 54        | 15.09               | 15.13                | 15.07                | 14.5               | 0.0      |  |  |  |  |
| 40              | PSS-BPSK   | 108     | 108       | 15.10               | 15.08                | 15.00                |                    |          |  |  |  |  |
| 40              | PSS-BPSK   | 216     | 0         | 15.11               | 15.08                | 15.00                | 14.5               | 0.0      |  |  |  |  |
| 40              | QPSK       | 1       | 1         | 15.00               | 15.02                | 15.10                |                    |          |  |  |  |  |
| 40              | QPSK       | 1       | 108       | 15.10               | 15.16                | 15.10                | 14.5               | 0.0      |  |  |  |  |
| 40              | QPSK       | 1       | 214       | 15.10               | 15.10                | 15.11                |                    |          |  |  |  |  |
| 40              | QPSK       | 108     | 0         | 15.00               | 15.06                | 15.04                | 14.5               | 0.0      |  |  |  |  |
| 40              | QPSK       | 108     | 54        | 15.14               | 15.10                | 15.00                |                    |          |  |  |  |  |
| 40              | QPSK       | 108     | 108       | 15.06               | 15.08                | 14.98                | 14.5               | 0.0      |  |  |  |  |
| 40              | QPSK       | 216     | 0         | 15.07               | 15.10                | 15.05                |                    |          |  |  |  |  |
| 40              | 16QAM      | 1       | 1         | 15.10               | 15.00                | 15.00                | 14.5               | 0.0      |  |  |  |  |
| 40              | 16QAM      | 1       | 1         | 15.11               | 15.14                | 15.00                |                    |          |  |  |  |  |
| 40              | 256QAM     | 1       | 1         | 15.09               | 15.12                | 15.07                | 14.5               | 0.0      |  |  |  |  |
| 40              | 256QAM     | 1       | 1         | 15.00               | 15.00                | 15.00                |                    |          |  |  |  |  |
| Channel         |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| 30              | QPSK       | 1       | 1         | 15.00               | 15.00                | 15.00                | 14.5               | 0.0      |  |  |  |  |
| 30              | QPSK       | 1       | 1         | 15.00               | 15.00                | 15.00                |                    |          |  |  |  |  |
| Channel         |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| 30              | QPSK       | 1       | 1         | 15.04               | 15.08                | 14.90                | 14.5               | 0.0      |  |  |  |  |
| 30              | QPSK       | 1       | 1         | 15.00               | 15.00                | 15.00                |                    |          |  |  |  |  |
| Channel         |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| 20              | QPSK       | 1       | 1         | 15.04               | 15.14                | 15.00                | 14.5               | 0.0      |  |  |  |  |
| 20              | QPSK       | 1       | 1         | 15.00               | 15.00                | 15.00                |                    |          |  |  |  |  |
| Channel         |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| 15              | QPSK       | 1       | 1         | 15.07               | 15.13                | 15.00                | 14.5               | 0.0      |  |  |  |  |
| 15              | QPSK       | 1       | 1         | 15.00               | 15.00                | 15.00                |                    |          |  |  |  |  |
| Channel         |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| 5               | QPSK       | 1       | 1         | 15.07               | 15.10                | 15.07                | 14.5               | 0.0      |  |  |  |  |
| 5               | QPSK       | 1       | 1         | 15.07               | 15.10                | 15.05                |                    |          |  |  |  |  |

| n5_Ant 0        |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
|-----------------|------------|---------|-----------|---------------------|----------------------|----------------------|--------------------|----------|--|--|--|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mode Ch./Freq. | Power High Ch./Freq. | Time-up time (dBm) | MFR (dB) |  |  |  |  |
| Channel         |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| 20              | PSS-BPSK   | 1       | 1         | 23.70               |                      |                      | 25.0               | 0.0      |  |  |  |  |
| 20              | PSS-BPSK   | 1       | 66        | 23.72               |                      |                      |                    |          |  |  |  |  |
| 20              | PSS-BPSK   | 1       | 131       | 23.70               |                      |                      | 24.5               | 0.5      |  |  |  |  |
| 20              | PSS-BPSK   | 66      | 0         | 23.70               |                      |                      |                    |          |  |  |  |  |
| 20              | PSS-BPSK   | 66      | 33        | 23.81               |                      |                      | 24.5               | 0.5      |  |  |  |  |
| 20              | PSS-BPSK   | 66      | 66        | 23.70               |                      |                      |                    |          |  |  |  |  |
| 20              | PSS-BPSK   | 132     | 0         | 23.27               |                      |                      | 25.0               | 0.0      |  |  |  |  |
| 20              | QPSK       | 1       | 1         | 23.82               |                      |                      |                    |          |  |  |  |  |
| 20              | QPSK       | 1       | 66        | 23.73               |                      |                      | 24.0               | 1.0      |  |  |  |  |
| 20              | QPSK       | 1       | 131       | 23.70               |                      |                      |                    |          |  |  |  |  |
| 20              | QPSK       | 66      | 0         | 23.71               |                      |                      | 24.0               | 1.0      |  |  |  |  |
| 20              | QPSK       | 66      | 33        | 23.76               |                      |                      |                    |          |  |  |  |  |
| 20              | QPSK       | 66      | 66        | 23.80               |                      |                      | 24.0               | 1.0      |  |  |  |  |
| 20              | QPSK       | 132     | 0         | 23.71               |                      |                      |                    |          |  |  |  |  |
| 20              | 16QAM      | 1       | 1         | 23.41               |                      |                      | 22.5               | 2.5      |  |  |  |  |
| 20              | 16QAM      | 1       | 1         | 23.50               |                      |                      |                    |          |  |  |  |  |
| 20              | 256QAM     | 1       | 1         | 23.81               |                      |                      | 20.5               | 4.5      |  |  |  |  |
| 20              | 256QAM     | 1       | 1         | 23.50               |                      |                      |                    |          |  |  |  |  |
| Channel         |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| 20              | QPSK       | 1       | 1         | 23.82               | 23.77                | 23.80                | 23.0               | 0.0      |  |  |  |  |
| 20              | QPSK       | 1       | 1         | 23.82               | 23.77                | 23.80                |                    |          |  |  |  |  |
| Channel         |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| 15              | QPSK       | 1       | 1         | 23.67               | 23.76                | 23.66                | 23.0               | 0.0      |  |  |  |  |
| 15              | QPSK       | 1       | 1         | 23.67               | 23.76                | 23.66                |                    |          |  |  |  |  |
| Channel         |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| 10              | QPSK       | 1       | 1         | 23.81               | 23.81                | 23.82                | 23.0               | 0.0      |  |  |  |  |
| 10              | QPSK       | 1       | 1         | 23.81               | 23.81                | 23.82                |                    |          |  |  |  |  |
| Channel         |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |  |  |  |  |
| 5               | QPSK       | 1       | 1         | 23.71               | 23.76                | 23.52                | 23.0               | 0.0      |  |  |  |  |
| 5               | QPSK       | 1       | 1         | 23.71               | 23.76                | 23.52                |                    |          |  |  |  |  |

| n7_Ant 3        |            |         |           |                        |                         |                         |                    |          |     |  |  |
|-----------------|------------|---------|-----------|------------------------|-------------------------|-------------------------|--------------------|----------|-----|--|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch./Freq. | Power Mode<br>Ch./Freq. | Power High<br>Ch./Freq. | Time-up time (dBm) | MFR (dB) |     |  |  |
| Channel         |            |         |           |                        |                         |                         |                    |          |     |  |  |
| Frequency [MHz] |            |         |           |                        |                         |                         |                    |          |     |  |  |
| 50              | PSS-BPSK   | 1       | 1         | 16.40                  | 16.41                   | 16.38                   |                    | 18.0     | 0.0 |  |  |
| 50              | PSS-BPSK   | 1       | 139       | 16.41                  | 16.38                   | 16.40                   |                    |          |     |  |  |
| 50              | PSS-BPSK   | 1       | 285       | 16.43                  | 16.38                   | 16.39                   |                    | 18.0     | 0.0 |  |  |
| 50              | PSS-BPSK   | 139     | 0         | 16.38                  | 16.40                   | 16.39                   |                    |          |     |  |  |
| 50              | PSS-BPSK   | 139     | 68        | 16.40                  | 16.40                   | 16.31                   |                    | 18.0     | 0.0 |  |  |
| 50              | PSS-BPSK   | 139     | 139       | 16.41                  | 16.38                   | 16.31                   |                    |          |     |  |  |
| 50              | PSS-BPSK   | 278     | 0         | 16.34                  | 16.40                   | 16.40                   |                    | 18.0     | 0.0 |  |  |
| 50              | QPSK       | 1       | 1         | 16.40                  | 16.32                   | 16.31                   |                    |          |     |  |  |
| 50              | QPSK       | 1       | 139       | 16.40                  | 16.30                   | 16.40                   |                    | 18.0     | 0.0 |  |  |
| 50              | QPSK       | 1       | 288       | 16.48                  | 16.47                   | 16.41                   |                    |          |     |  |  |
| 50              | QPSK       | 139     | 0         | 16.41                  | 16.40                   | 16.40                   |                    | 18.0     | 0.0 |  |  |
| 50              | QPSK       | 139     | 68        | 16.44                  | 16.40                   | 16.41                   |                    |          |     |  |  |
| 50              | QPSK       | 139     | 139       | 16.38                  | 16.39                   | 16.34                   |                    | 18.0     | 0.0 |  |  |
| 50              | QPSK       | 278     | 0         | 16.38                  | 16.40                   | 16.39                   |                    |          |     |  |  |
| 50              | 16QAM      | 1       | 1         | 16.37                  | 16.44                   | 16.40                   |                    | 18.0     | 0.0 |  |  |
| 50              | 16QAM      | 1       | 1         | 16.41                  | 16.40                   | 16.31                   |                    |          |     |  |  |
| 50              | 256QAM     | 1       | 1         | 16.36                  | 16.39                   | 16.35                   |                    | 18.0     | 0.0 |  |  |
| 50              | 256QAM     | 1       | 1         | 16.40                  | 16.40                   | 16.30                   |                    |          |     |  |  |
| Channel         |            |         |           |                        |                         |                         |                    |          |     |  |  |
| Frequency [MHz] |            |         |           |                        |                         |                         |                    |          |     |  |  |
| 40              | QPSK       | 1       | 1         | 16.35                  | 16.44                   | 16.39                   |                    | 18.0     | 0.0 |  |  |
| 40              | QPSK       | 1       | 1         | 16.35                  | 16.44                   | 16.39                   |                    |          |     |  |  |
| Channel         |            |         |           |                        |                         |                         |                    |          |     |  |  |
| Frequency [MHz] |            |         |           |                        |                         |                         |                    |          |     |  |  |
| 30              | QPSK       | 1       | 1         | 16.42                  | 16.44                   | 16.36                   |                    | 18.0     | 0.0 |  |  |
| 30              | QPSK       | 1       | 1         | 16.42                  | 16.44                   | 16.36                   |                    |          |     |  |  |
| Channel         |            |         |           |                        |                         |                         |                    |          |     |  |  |
| Frequency [MHz] |            |         |           |                        |                         |                         |                    |          |     |  |  |
| 20              | QPSK       | 1       | 1         | 16.40                  | 16.44                   | 16.31                   |                    | 18.0     | 0.0 |  |  |
| 20              | QPSK       | 1       | 1         | 16.40                  | 16.44                   | 16.31                   |                    |          |     |  |  |
| Channel         |            |         |           |                        |                         |                         |                    |          |     |  |  |
| Frequency [MHz] |            |         |           |                        |                         |                         |                    |          |     |  |  |
| 15              | QPSK       | 1       | 1         | 16.43                  | 16.38                   | 16.36                   |                    | 18.0     | 0.0 |  |  |
| 15              | QPSK       | 1       | 1         | 16.43                  | 16.38                   | 16.36                   |                    |          |     |  |  |
| Channel         |            |         |           |                        |                         |                         |                    |          |     |  |  |
| Frequency [MHz] |            |         |           |                        |                         |                         |                    |          |     |  |  |
| 10              | QPSK       | 1       | 1         | 16.40                  | 16.39                   | 16.37                   |                    | 18.0     | 0.0 |  |  |
| 10              | QPSK       | 1       | 1         | 16.40                  | 16.39                   | 16.37                   |                    |          |     |  |  |
| Channel         |            |         |           |                        |                         |                         |                    |          |     |  |  |
| Frequency [MHz] |            |         |           |                        |                         |                         |                    |          |     |  |  |
| 5               | QPSK       | 1       | 1         | 16.35                  | 16.40                   | 16.30                   |                    | 18.0     | 0.0 |  |  |
| 5               | QPSK       | 1       | 1         | 16.35                  | 16.40                   | 16.30                   |                    |          |     |  |  |

| n25_Ant 3       |            |         |           |                     |                      |                      |                    |          |     |
|-----------------|------------|---------|-----------|---------------------|----------------------|----------------------|--------------------|----------|-----|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mode Ch./Freq. | Power High Ch./Freq. | Time-up time (dBm) | MFR (dB) |     |
| Channel         |            |         |           |                     |                      |                      |                    |          |     |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |     |
| 40              | PSS-BPSK   | 1       | 1         | 14.84               | 14.80                | 14.85                |                    | 16.5     | 0.0 |
| 40              | PSS-BPSK   | 1       | 108       | 14.82               | 14.78                | 14.87                |                    | 16.5     | 0.0 |
| 40              | PSS-BPSK   | 1       | 214       | 14.80               | 14.76                | 14.89                |                    | 16.5     | 0.0 |
| 40              | PSS-BPSK   | 1       | 320       | 14.78               | 14.74                | 14.90                |                    | 16.5     | 0.0 |
| 40              | PSS-BPSK   | 108     | 54        | 14.88               | 14.82                | 14.90                |                    | 16.5     | 0.0 |
| 40              | PSS-BPSK   | 108     | 156       | 14.86               | 14.80                | 14.92                |                    | 16.5     | 0.0 |
| 40              | PSS-BPSK   | 216     | 0         | 14.92               | 14.88                | 14.92                |                    | 16.5     | 0.0 |
| 40              | QPSK       | 1       | 1         | 14.84               | 14.80                | 14.85                |                    | 16.5     | 0.0 |
| 40              | QPSK       | 1       | 108       | 14.82               | 14.78                | 14.87                |                    | 16.5     | 0.0 |
| 40              | QPSK       | 1       | 214       | 14.80               | 14.76                | 14.89                |                    | 16.5     | 0.0 |
| 40              | QPSK       | 1       | 320       | 14.78               | 14.74                | 14.90                |                    | 16.5     | 0.0 |
| 40              | QPSK       | 108     | 54        | 14.88               | 14.82                | 14.90                |                    | 16.5     | 0.0 |
| 40              | QPSK       | 108     | 156       | 14.86               | 14.80                | 14.92                |                    | 16.5     | 0.0 |
| 40              | QPSK       | 216     | 0         | 14.92               | 14.88                | 14.92                |                    | 16.5     | 0.0 |
| 40              | 16QAM      | 1       | 1         | 14.80               | 14.76                | 14.84                |                    | 16.5     | 0.0 |
| 40              | 16QAM      | 1       | 108       | 14.78               | 14.74                | 14.86                |                    | 16.5     | 0.0 |
| 40              | 256QAM     | 1       | 1         | 14.80               | 14.76                | 14.84                |                    | 16.5     | 0.0 |
| Channel         |            |         |           |                     |                      |                      |                    |          |     |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |     |
| 25              | QPSK       | 1       | 1         | 14.84               | 14.80                | 14.85                | Time-up time (dBm) | MFR (dB) |     |
| 25              | QPSK       | 1       | 108       | 14.82               | 14.78                | 14.87                | Time-up time (dBm) | MFR (dB) |     |
| 25              | QPSK       | 1       | 1         | 14.88               | 14.82                | 14.88                | Time-up time (dBm) | MFR (dB) |     |
| 25              | QPSK       | 1       | 108       | 14.86               | 14.80                | 14.90                | Time-up time (dBm) | MFR (dB) |     |
| 25              | QPSK       | 1       | 1         | 14.92               | 14.84                | 14.88                | Time-up time (dBm) | MFR (dB) |     |
| 25              | QPSK       | 1       | 108       | 14.90               | 14.82                | 14.90                | Time-up time (dBm) | MFR (dB) |     |
| Channel         |            |         |           |                     |                      |                      |                    |          |     |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |     |
| 25              | QPSK       | 1       | 1         | 14.84               | 14.83                | 14.82                | 16.5               | 0.0      |     |
| 25              | QPSK       | 1       | 108       | 14.82               | 14.81                | 14.81                | 16.5               | 0.0      |     |
| 25              | QPSK       | 1       | 1         | 14.88               | 14.88                | 14.88                | 16.5               | 0.0      |     |
| 25              | QPSK       | 1       | 108       | 14.86               | 14.86                | 14.86                | 16.5               | 0.0      |     |
| 15              | QPSK       | 1       | 1         | 14.84               | 14.84                | 14.84                | 16.5               | 0.0      |     |
| Channel         |            |         |           |                     |                      |                      |                    |          |     |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |     |
| 15              | QPSK       | 1       | 1         | 14.80               | 14.80                | 14.80                | Time-up time (dBm) | MFR (dB) |     |
| 15              | QPSK       | 1       | 108       | 14.78               | 14.78                | 14.78                | Time-up time (dBm) | MFR (dB) |     |
| 15              | QPSK       | 1       | 1         | 14.84               | 14.84                | 14.84                | 16.5               | 0.0      |     |
| Channel         |            |         |           |                     |                      |                      |                    |          |     |
| Frequency [MHz] |            |         |           |                     |                      |                      |                    |          |     |
| 15              | QPSK       | 1       | 1         | 14.80               | 14.80                | 14.80                | 16.5               | 0.0      |     |
| 15              | QPSK       | 1       | 108       | 14.78               | 14.78                | 14.78                | 16.5               | 0.0      |     |
| 15              | QPSK       | 1       | 1         | 14.88               | 14.88                | 14.88                | 16.5               | 0.0      |     |
| 15              | QPSK       | 1       | 108       | 14.86               | 14.86                | 14.86                | 16.5               | 0.0      |     |
| 5               | QPSK       | 1       | 1         | 14.88               | 14.87                | 14.88                | 16.5               | 0.0      |     |

| n30_Ant 3       |            |         |           |                     |                     |                      |                    |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|
| Ref (MHz)       | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Max Ch / Freq | Power High Ch / Freq | Time-up time (dBm) |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 30              | PI/2 BPSK  | 1       | 1         | 15.71               | 15.84               | 15.97                | 18.0               |
| 30              | PI/2 BPSK  | 1       | 26        | 15.84               | 15.97               | 16.10                | 18.0               |
| 30              | PI/2 BPSK  | 1       | 50        | 15.97               | 16.10               | 16.23                | 18.0               |
| 30              | PI/2 BPSK  | 25      | 5         | 15.84               | 15.97               | 16.10                | 18.0               |
| 30              | PI/2 BPSK  | 25      | 14        | 15.84               | 15.97               | 16.10                | 18.0               |
| 30              | PI/2 BPSK  | 25      | 27        | 15.84               | 15.97               | 16.10                | 18.0               |
| 30              | PI/2 BPSK  | 50      | 0         | 15.70               | 15.84               | 15.97                | 18.0               |
| 30              | QPSK       | 1       | 1         | 15.70               | 15.84               | 15.97                | 18.0               |
| 30              | QPSK       | 1       | 26        | 15.71               | 15.84               | 15.97                | 18.0               |
| 30              | QPSK       | 1       | 50        | 15.72               | 15.84               | 15.97                | 18.0               |
| 30              | QPSK       | 25      | 5         | 15.70               | 15.84               | 15.97                | 18.0               |
| 30              | QPSK       | 25      | 14        | 15.70               | 15.84               | 15.97                | 18.0               |
| 30              | QPSK       | 25      | 27        | 15.70               | 15.84               | 15.97                | 18.0               |
| 30              | QPSK       | 50      | 0         | 15.70               | 15.84               | 15.97                | 18.0               |
| 30              | 16QAM      | 1       | 1         | 15.70               | 15.84               | 15.97                | 18.0               |
| 30              | 16QAM      | 1       | 1         | 15.70               | 15.84               | 15.97                | 18.0               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 3               | QPSK       | 1       | 1         | 15.71               | 15.84               | 15.97                | 18.0               |

| n66_Ant 3       |            |         |           |                     |                     |                      |                    |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|
| Ref (MHz)       | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Max Ch / Freq | Power High Ch / Freq | Time-up time (dBm) |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 45              | PI/2 BPSK  | 1       | 1         | 18.20               | 18.20               | 18.20                | 18.5               |
| 45              | PI/2 BPSK  | 1       | 122       | 18.20               | 18.20               | 18.20                | 18.5               |
| 45              | PI/2 BPSK  | 1       | 243       | 18.20               | 18.20               | 18.20                | 18.5               |
| 45              | PI/2 BPSK  | 125     | 0         | 18.17               | 18.20               | 18.23                | 18.5               |
| 45              | PI/2 BPSK  | 125     | 60        | 18.20               | 18.20               | 18.20                | 18.5               |
| 45              | PI/2 BPSK  | 125     | 120       | 18.20               | 18.20               | 18.20                | 18.5               |
| 45              | PI/2 BPSK  | 243     | 0         | 18.20               | 18.20               | 18.20                | 18.5               |
| 45              | QPSK       | 1       | 1         | 18.17               | 18.20               | 18.23                | 18.5               |
| 45              | QPSK       | 1       | 122       | 18.18               | 18.21               | 18.24                | 18.5               |
| 45              | QPSK       | 1       | 243       | 18.20               | 18.20               | 18.20                | 18.5               |
| 45              | QPSK       | 125     | 0         | 18.20               | 18.20               | 18.20                | 18.5               |
| 45              | QPSK       | 125     | 60        | 18.20               | 18.20               | 18.20                | 18.5               |
| 45              | QPSK       | 125     | 122       | 18.20               | 18.20               | 18.20                | 18.5               |
| 45              | QPSK       | 243     | 0         | 18.20               | 18.20               | 18.20                | 18.5               |
| 45              | 16QAM      | 1       | 1         | 18.20               | 18.20               | 18.20                | 18.5               |
| 45              | 16QAM      | 1       | 1         | 18.20               | 18.20               | 18.20                | 18.5               |
| 45              | 16QAM      | 1       | 1         | 18.20               | 18.20               | 18.20                | 18.5               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 40              | QPSK       | 1       | 1         | 18.24               | 18.20               | 18.20                | 18.5               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 30              | QPSK       | 1       | 1         | 18.20               | 18.20               | 18.20                | 18.5               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 30              | QPSK       | 1       | 1         | 18.20               | 18.20               | 18.20                | 18.5               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 30              | QPSK       | 1       | 1         | 18.20               | 18.20               | 18.20                | 18.5               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 25              | QPSK       | 1       | 1         | 18.20               | 18.20               | 18.20                | 18.5               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 20              | QPSK       | 1       | 1         | 18.20               | 18.20               | 18.20                | 18.5               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 15              | QPSK       | 1       | 1         | 18.20               | 18.20               | 18.20                | 18.5               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 10              | QPSK       | 1       | 1         | 18.20               | 18.20               | 18.20                | 18.5               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 5               | QPSK       | 1       | 1         | 18.20               | 18.20               | 18.20                | 18.5               |

| n71_Ant 0       |            |         |           |                     |                     |                      |                    |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|
| Ref (MHz)       | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Max Ch / Freq | Power High Ch / Freq | Time-up time (dBm) |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 30              | PI/2 BPSK  | 1       | 1         | 23.07               | 23.07               | 23.07                | 25.0               |
| 30              | PI/2 BPSK  | 1       | 80        | 23.04               | 23.07               | 23.08                | 25.0               |
| 30              | PI/2 BPSK  | 1       | 159       | 23.08               | 23.05               | 23.08                | 25.0               |
| 30              | PI/2 BPSK  | 80      | 0         | 22.70               | 22.72               | 22.72                | 24.5               |
| 30              | PI/2 BPSK  | 80      | 40        | 23.11               | 23.20               | 23.27                | 24.5               |
| 30              | PI/2 BPSK  | 80      | 80        | 22.98               | 22.70               | 22.84                | 24.5               |
| 30              | PI/2 BPSK  | 160     | 0         | 22.82               | 22.69               | 22.84                | 24.5               |
| 30              | QPSK       | 1       | 1         | 23.05               | 23.07               | 23.07                | 25.0               |
| 30              | QPSK       | 1       | 80        | 23.10               | 23.10               | 23.05                | 25.0               |
| 30              | QPSK       | 1       | 159       | 23.14               | 23.17               | 23.04                | 25.0               |
| 30              | QPSK       | 80      | 0         | 22.77               | 22.73               | 22.77                | 24.5               |
| 30              | QPSK       | 80      | 40        | 23.08               | 23.23               | 23.17                | 25.0               |
| 30              | QPSK       | 80      | 80        | 22.78               | 22.23               | 22.21                | 24.0               |
| 30              | QPSK       | 160     | 0         | 22.74               | 22.20               | 22.27                | 24.0               |
| 30              | 16QAM      | 1       | 1         | 22.68               | 22.01               | 22.03                | 24.0               |
| 30              | 16QAM      | 1       | 1         | 22.50               | 22.01               | 22.01                | 23.5               |
| 30              | 16QAM      | 1       | 1         | 18.94               | 18.00               | 18.00                | 23.0               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 25              | QPSK       | 1       | 1         | 23.13               | 23.08               | 23.10                | 25.0               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 20              | QPSK       | 1       | 1         | 23.12               | 23.05               | 23.07                | 25.0               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 15              | QPSK       | 1       | 1         | 23.10               | 23.00               | 23.00                | 25.0               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 10              | QPSK       | 1       | 1         | 23.10               | 23.00               | 23.00                | 25.0               |
| Channel         |            |         |           |                     |                     |                      |                    |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |
| 5               | QPSK       | 1       | 1         | 23.23               | 23.22               | 23.05                | 25.0               |





| Part96_n78_Ant 4 |            |         |           |                       |                                                                                             |                                                                                |                                                                  |                     |          |  |
|------------------|------------|---------|-----------|-----------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------|---------------------|----------|--|
| BW (MHz)         | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq.                                                                    | Power High Ch. / Freq.                                                         | Tune-up limit (dBm)                                              | MPR (dB)            |          |  |
| Channel          |            |         |           |                       |                                                                                             |                                                                                |                                                                  |                     |          |  |
|                  |            |         |           | Frequency (MHz)       | 3600                                                                                        | 3624                                                                           | 3649                                                             |                     |          |  |
| 100              | P12 BPSK   | 1       | 1         | 14.50                 | 14.65                                                                                       | 14.43                                                                          |                                                                  |                     |          |  |
| 100              | P12 BPSK   | 1       | 137       | 14.44                 | 14.64                                                                                       | 14.45                                                                          | 16.0                                                             | 0.0                 |          |  |
| 100              | P12 BPSK   | 1       | 271       | 14.51                 | 14.71                                                                                       | 14.50                                                                          |                                                                  |                     |          |  |
| 100              | P12 BPSK   | 135     | 0         | 14.45                 | 14.70                                                                                       | 14.48                                                                          | 16.0                                                             | 0.0                 |          |  |
| 100              | P12 BPSK   | 135     | 69        | 14.46                 | 14.65                                                                                       | 14.49                                                                          | 16.0                                                             | 0.0                 |          |  |
| 100              | P12 BPSK   | 135     | 138       | 14.50                 | 14.65                                                                                       | 14.48                                                                          |                                                                  |                     |          |  |
| 100              | P12 BPSK   | 270     | 0         | 14.53                 | 14.69                                                                                       | 14.49                                                                          | 16.0                                                             | 0.0                 |          |  |
| 100              | QPSK       | 1       | 1         | 14.52                 | 14.75                                                                                       | 14.53                                                                          |                                                                  |                     |          |  |
| 100              | QPSK       | 1       | 137       | 14.59                 | 14.71                                                                                       | 14.52                                                                          | 16.0                                                             | 0.0                 |          |  |
| 100              | QPSK       | 1       | 271       | 14.60                 | 14.72                                                                                       | 14.49                                                                          |                                                                  |                     |          |  |
| 100              | QPSK       | 135     | 0         | 14.52                 | 14.71                                                                                       | 14.48                                                                          |                                                                  |                     |          |  |
| 100              | QPSK       | 135     | 69        | 14.54                 | 14.72                                                                                       | 14.52                                                                          | 16.0                                                             | 0.0                 |          |  |
| 100              | QPSK       | 135     | 138       | 14.51                 | 14.69                                                                                       | 14.47                                                                          |                                                                  |                     |          |  |
| 100              | QPSK       | 270     | 0         | 14.46                 | 14.67                                                                                       | 14.51                                                                          | 16.0                                                             | 0.0                 |          |  |
| 100              | 16QAM      | 1       | 1         | 14.48                 | 14.70                                                                                       | 14.44                                                                          | 16.0                                                             | 0.0                 |          |  |
| 100              | 64QAM      | 1       | 1         | 14.48                 | 14.62                                                                                       | 14.48                                                                          | 16.0                                                             | 0.0                 |          |  |
| 100              | 256QAM     | 1       | 1         | 14.48                 | 14.67                                                                                       | 14.47                                                                          | 16.0                                                             | 0.0                 |          |  |
| Channel          |            |         |           |                       |                                                                                             |                                                                                |                                                                  |                     |          |  |
|                  |            |         |           | Frequency (MHz)       | 36909 <th>64106<th>64306<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>    | 64106 <th>64306<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>     | 64306 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>   | Tune-up limit (dBm) | MPR (dB) |  |
| 90               | QPSK       | 1       | 1         | 14.45                 | 14.62                                                                                       | 14.64                                                                          | 305.89                                                           |                     |          |  |
| 90               | QPSK       | 1       | 1         | 14.47                 | 14.65                                                                                       | 14.42                                                                          | 16.0                                                             | 0.0                 |          |  |
| Channel          |            |         |           |                       |                                                                                             |                                                                                |                                                                  |                     |          |  |
|                  |            |         |           | Frequency (MHz)       | 639334 <th>641696<th>644000<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th> | 641696 <th>644000<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>   | 644000 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>  | Tune-up limit (dBm) | MPR (dB) |  |
| 80               | QPSK       | 1       | 1         | 3590.01               | 3624.99                                                                                     | 3660                                                                           |                                                                  |                     |          |  |
| 80               | QPSK       | 1       | 1         | 14.46                 | 14.67                                                                                       | 14.44                                                                          | 16.0                                                             | 0.0                 |          |  |
| Channel          |            |         |           |                       |                                                                                             |                                                                                |                                                                  |                     |          |  |
|                  |            |         |           | Frequency (MHz)       | 3695 <th>3624.99<th>3664.98<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th> | 3624.99 <th>3664.98<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th> | 3664.98 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th> | Tune-up limit (dBm) | MPR (dB) |  |
| 70               | QPSK       | 1       | 1         | 14.48                 | 14.70                                                                                       | 14.49                                                                          | 16.0                                                             | 0.0                 |          |  |
| 70               | QPSK       | 1       | 1         | 14.48                 | 14.70                                                                                       | 14.49                                                                          | 16.0                                                             | 0.0                 |          |  |
| Channel          |            |         |           |                       |                                                                                             |                                                                                |                                                                  |                     |          |  |
|                  |            |         |           | Frequency (MHz)       | 36999 <th>64106<th>64496<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>    | 64106 <th>64496<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>     | 64496 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>   | Tune-up limit (dBm) | MPR (dB) |  |
| 60               | QPSK       | 1       | 1         | 3694.02               | 3624.99                                                                                     | 3659.99                                                                        |                                                                  |                     |          |  |
| 60               | QPSK       | 1       | 1         | 14.53                 | 14.67                                                                                       | 14.50                                                                          | 16.0                                                             | 0.0                 |          |  |
| Channel          |            |         |           |                       |                                                                                             |                                                                                |                                                                  |                     |          |  |
|                  |            |         |           | Frequency (MHz)       | 639334 <th>641696<th>644000<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th> | 641696 <th>644000<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>   | 644000 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>  | Tune-up limit (dBm) | MPR (dB) |  |
| 50               | QPSK       | 1       | 1         | 3579.01               | 3624.99                                                                                     | 3675                                                                           |                                                                  |                     |          |  |
| 50               | QPSK       | 1       | 1         | 14.49                 | 14.62                                                                                       | 14.43                                                                          | 16.0                                                             | 0.0                 |          |  |
| Channel          |            |         |           |                       |                                                                                             |                                                                                |                                                                  |                     |          |  |
|                  |            |         |           | Frequency (MHz)       | 639900 <th>641696<th>645332<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th> | 641696 <th>645332<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>   | 645332 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>  | Tune-up limit (dBm) | MPR (dB) |  |
| 40               | QPSK       | 1       | 1         | 3570                  | 3624.99                                                                                     | 3679.98                                                                        |                                                                  |                     |          |  |
| 40               | QPSK       | 1       | 1         | 14.49                 | 14.65                                                                                       | 14.49                                                                          | 16.0                                                             | 0.0                 |          |  |
| Channel          |            |         |           |                       |                                                                                             |                                                                                |                                                                  |                     |          |  |
|                  |            |         |           | Frequency (MHz)       | 63799 <th>64106<th>64586<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>    | 64106 <th>64586<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>     | 64586 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>   | Tune-up limit (dBm) | MPR (dB) |  |
| 30               | QPSK       | 1       | 1         | 3594.02               | 3624.99                                                                                     | 3684.98                                                                        |                                                                  |                     |          |  |
| 30               | QPSK       | 1       | 1         | 14.44                 | 14.69                                                                                       | 14.49                                                                          | 16.0                                                             | 0.0                 |          |  |
| Channel          |            |         |           |                       |                                                                                             |                                                                                |                                                                  |                     |          |  |
|                  |            |         |           | Frequency (MHz)       | 637900 <th>641696<th>645832<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th> | 641696 <th>645832<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>   | 645832 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>  | Tune-up limit (dBm) | MPR (dB) |  |
| 25               | QPSK       | 1       | 1         | 3592.5                | 3624.99                                                                                     | 3697.48                                                                        |                                                                  |                     |          |  |
| 25               | QPSK       | 1       | 1         | 14.48                 | 14.71                                                                                       | 14.42                                                                          | 16.0                                                             | 0.0                 |          |  |
| Channel          |            |         |           |                       |                                                                                             |                                                                                |                                                                  |                     |          |  |
|                  |            |         |           | Frequency (MHz)       | 631234 <th>641696<th>646000<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th> | 641696 <th>646000<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>   | 646000 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>  | Tune-up limit (dBm) | MPR (dB) |  |
| 20               | QPSK       | 1       | 1         | 3560.01               | 3624.99                                                                                     | 3696                                                                           |                                                                  |                     |          |  |
| 20               | QPSK       | 1       | 1         | 14.52                 | 14.71                                                                                       | 14.43                                                                          | 16.0                                                             | 0.0                 |          |  |
| Channel          |            |         |           |                       |                                                                                             |                                                                                |                                                                  |                     |          |  |
|                  |            |         |           | Frequency (MHz)       | 64106 <th>64106<th>646186<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>   | 64106 <th>646186<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>    | 646186 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>  | Tune-up limit (dBm) | MPR (dB) |  |
| 15               | QPSK       | 1       | 1         | 3592.5                | 3624.99                                                                                     | 3692.48                                                                        |                                                                  |                     |          |  |
| 15               | QPSK       | 1       | 1         | 14.52                 | 14.65                                                                                       | 14.46                                                                          | 16.0                                                             | 0.0                 |          |  |
| Channel          |            |         |           |                       |                                                                                             |                                                                                |                                                                  |                     |          |  |
|                  |            |         |           | Frequency (MHz)       | 637900 <th>641696<th>646332<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th> | 641696 <th>646332<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>   | 646332 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>  | Tune-up limit (dBm) | MPR (dB) |  |
| 10               | QPSK       | 1       | 1         | 3595                  | 3624.99                                                                                     | 3694.98                                                                        |                                                                  |                     |          |  |

| Part27Q_n78_Ant 4 |            |         |           |                       |                          |                        |                     |          |  |  |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW (MHz)          | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MFR (dB) |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
|                   |            |         |           |                       | 633332                   |                        |                     |          |  |  |
| 100               | P12 BPSK   | 1       | 1         |                       | 14.69                    |                        |                     |          |  |  |
| 100               | P12 BPSK   | 1       | 137       |                       | 14.73                    |                        | 16.0                | 0.0      |  |  |
| 100               | P12 BPSK   | 1       | 271       |                       | 14.76                    |                        |                     |          |  |  |
| 100               | P12 BPSK   | 135     | 0         |                       | 14.76                    |                        | 16.0                | 0.0      |  |  |
| 100               | P12 BPSK   | 135     | 69        |                       | 14.69                    |                        | 16.0                | 0.0      |  |  |
| 100               | P12 BPSK   | 135     | 138       |                       | 14.77                    |                        | 16.0                | 0.0      |  |  |
| 100               | P12 BPSK   | 270     | 0         |                       | 14.68                    |                        |                     |          |  |  |
| 100               | QPSK       | 1       | 1         |                       | 14.68                    |                        |                     |          |  |  |
| 100               | QPSK       | 1       | 137       |                       | 14.76                    |                        | 16.0                | 0.0      |  |  |
| 100               | QPSK       | 1       | 271       |                       | 14.70                    |                        |                     |          |  |  |
| 100               | QPSK       | 135     | 0         |                       | 14.70                    |                        | 16.0                | 0.0      |  |  |
| 100               | QPSK       | 135     | 69        |                       | 14.68                    |                        |                     |          |  |  |
| 100               | QPSK       | 135     | 138       |                       | 14.77                    |                        | 16.0                | 0.0      |  |  |
| 100               | QPSK       | 270     | 0         |                       | 14.77                    |                        | 16.0                | 0.0      |  |  |
| 100               | 16QAM      | 1       | 1         |                       | 14.77                    |                        | 16.0                | 0.0      |  |  |
| 100               | 64QAM      | 1       | 1         |                       | 14.68                    |                        | 16.0                | 0.0      |  |  |
| 100               | 256QAM     | 1       | 1         |                       | 14.71                    |                        | 16.0                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
|                   |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) | MFR (dB) |  |  |
| 90                | QPSK       | 1       | 1         | 14.76                 | 14.71                    | 14.75                  | 16.0                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 80                | QPSK       | 1       | 1         | 14.67                 | 14.63                    | 14.67                  | 16.0                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 70                | QPSK       | 1       | 1         | 14.72                 | 14.65                    | 14.74                  | 16.0                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 60                | QPSK       | 1       | 1         | 14.67                 | 14.69                    | 14.71                  | 16.0                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 50                | QPSK       | 1       | 1         | 14.69                 | 14.68                    | 14.71                  | 16.0                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 40                | QPSK       | 1       | 1         | 14.69                 | 14.68                    | 14.68                  | 16.0                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 30                | QPSK       | 1       | 1         | 14.75                 | 14.62                    | 14.69                  | 16.0                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 25                | QPSK       | 1       | 1         | 14.72                 | 14.65                    | 14.74                  | 16.0                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 20                | QPSK       | 1       | 1         | 14.72                 | 14.67                    | 14.66                  | 16.0                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 15                | QPSK       | 1       | 1         | 14.69                 | 14.64                    | 14.74                  | 16.0                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 10                | QPSK       | 1       | 1         | 14.69                 | 14.63                    | 14.74                  | 16.0                | 0.0      |  |  |

| Part270_n78_Ant 4 |            |         |           |                       |                          |                        |                    |          |     |      |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|--------------------|----------|-----|------|
| BW (MHz)          | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tuneup limit (dbm) | MPR (db) |     |      |
| Channel           |            |         |           |                       |                          |                        |                    |          |     |      |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                    |          |     |      |
|                   |            |         |           |                       | 3750                     |                        |                    |          |     |      |
| 100               | P12 BPSK   | 1       | 1         |                       | 14.73                    |                        |                    |          |     |      |
| 100               | P12 BPSK   | 1       | 137       |                       | 14.74                    |                        | 16.0               | 0.0      |     |      |
| 100               | P12 BPSK   | 1       | 271       |                       | 14.73                    |                        |                    |          |     |      |
| 100               | P12 BPSK   | 135     | 0         |                       | 14.78                    |                        | 16.0               | 0.0      |     |      |
| 100               | P12 BPSK   | 135     | 69        |                       | 14.76                    |                        | 16.0               | 0.0      |     |      |
| 100               | P12 BPSK   | 135     | 138       |                       | 14.71                    |                        | 16.0               | 0.0      |     |      |
| 100               | P12 BPSK   | 270     | 0         |                       | 14.72                    |                        |                    |          |     |      |
| 100               | QPSK       | 1       | 1         |                       | 14.68                    |                        |                    |          |     |      |
| 100               | QPSK       | 1       | 137       |                       | 14.78                    |                        | 16.0               | 0.0      |     |      |
| 100               | QPSK       | 1       | 271       |                       | 14.81                    |                        |                    |          |     |      |
| 100               | QPSK       | 135     | 0         |                       | 14.71                    |                        |                    |          |     |      |
| 100               | QPSK       | 135     | 69        |                       | 14.75                    |                        | 16.0               | 0.0      |     |      |
| 100               | QPSK       | 135     | 138       |                       | 14.74                    |                        |                    |          |     |      |
| 100               | QPSK       | 270     | 0         |                       | 14.72                    |                        | 16.0               | 0.0      |     |      |
| 100               | 16QAM      | 1       | 1         |                       | 14.75                    |                        | 16.0               | 0.0      |     |      |
| 100               | 64QAM      | 1       | 1         |                       | 14.77                    |                        | 16.0               | 0.0      |     |      |
| 100               | 256QAM     | 1       | 1         |                       | 14.74                    |                        | 16.0               | 0.0      |     |      |
| Channel           |            |         |           |                       |                          |                        |                    |          |     |      |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                    |          |     |      |
| 90                | QPSK       | 1       | 1         | 14.73                 | 14.76                    | 14.78                  | 16.0               |          | MPR | (db) |
| Channel           |            |         |           |                       |                          |                        |                    |          |     |      |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                    |          |     |      |
| 80                | QPSK       | 1       | 1         | 14.69                 | 14.71                    | 14.73                  | 16.0               |          | MPR | (db) |
| Channel           |            |         |           |                       |                          |                        |                    |          |     |      |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                    |          |     |      |
| 70                | QPSK       | 1       | 1         | 14.75                 | 14.76                    | 14.76                  | 16.0               |          | MPR | (db) |
| Channel           |            |         |           |                       |                          |                        |                    |          |     |      |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                    |          |     |      |
| 60                | QPSK       | 1       | 1         | 14.68                 | 14.75                    | 14.74                  | 16.0               |          | MPR | (db) |
| Channel           |            |         |           |                       |                          |                        |                    |          |     |      |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                    |          |     |      |
| 50                | QPSK       | 1       | 1         | 14.69                 | 14.76                    | 14.79                  | 16.0               |          | MPR | (db) |
| Channel           |            |         |           |                       |                          |                        |                    |          |     |      |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                    |          |     |      |
| 40                | QPSK       | 1       | 1         | 14.68                 | 14.67                    | 14.68                  | 16.0               |          | MPR | (db) |
| Channel           |            |         |           |                       |                          |                        |                    |          |     |      |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                    |          |     |      |
| 30                | QPSK       | 1       | 1         | 14.63                 | 14.68                    | 14.67                  | 16.0               |          | MPR | (db) |
| Channel           |            |         |           |                       |                          |                        |                    |          |     |      |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                    |          |     |      |
| 25                | QPSK       | 1       | 1         | 14.65                 | 14.66                    | 14.68                  | 16.0               |          | MPR | (db) |
| Channel           |            |         |           |                       |                          |                        |                    |          |     |      |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                    |          |     |      |
| 20                | QPSK       | 1       | 1         | 14.71                 | 14.72                    | 14.74                  | 16.0               |          | MPR | (db) |
| Channel           |            |         |           |                       |                          |                        |                    |          |     |      |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                    |          |     |      |
| 15                | QPSK       | 1       | 1         | 14.84                 | 14.71                    | 14.74                  | 16.0               |          | MPR | (db) |
| Channel           |            |         |           |                       |                          |                        |                    |          |     |      |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                    |          |     |      |
| 10                | QPSK       | 1       | 1         | 14.74                 | 14.71                    | 14.73                  | 16.0               |          | MPR | (db) |

## Reduced Power Mode for Hotspot on

| n2_Ant 3        |            |         |           |                        |                        |                        |                    |          |     |
|-----------------|------------|---------|-----------|------------------------|------------------------|------------------------|--------------------|----------|-----|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power<br>Min Ch / Freq | Power<br>Mid Ch / Freq | Power<br>Max Ch / Freq | Turn-up time (min) | MFR (dB) |     |
| Channel         |            |         |           |                        |                        |                        |                    |          |     |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |     |
| 40              | PSSBPSK    | 1       | 1         | 19.92                  | 19.84                  | 19.86                  |                    |          |     |
| 40              | PSSBPSK    | 1       | 108       | 20.38                  | 20.42                  | 20.46                  | 22.0               |          | 0.0 |
| 40              | PSSBPSK    | 1       | 214       | 20.33                  | 20.44                  | 20.34                  |                    |          |     |
| 40              | PSSBPSK    | 108     | 0         | 20.27                  | 20.41                  | 20.38                  | 22.0               |          | 0.0 |
| 40              | PSSBPSK    | 108     | 54        | 20.42                  | 20.48                  | 20.15                  | 22.0               |          | 0.0 |
| 40              | PSSBPSK    | 108     | 108       | 20.27                  | 20.42                  | 20.31                  |                    |          |     |
| 40              | PSSBPSK    | 216     | 0         | 20.35                  | 20.32                  | 20.45                  |                    |          |     |
| 40              | QPSK       | 1       | 1         | 20.40                  | 20.33                  | 20.40                  |                    |          |     |
| 40              | QPSK       | 1       | 108       | 20.42                  | 20.41                  | 20.38                  | 22.0               |          | 0.0 |
| 40              | QPSK       | 1       | 214       | 20.31                  | 20.41                  | 20.35                  |                    |          |     |
| 40              | QPSK       | 108     | 0         | 20.37                  | 20.38                  | 20.18                  | 22.0               |          | 0.0 |
| 40              | QPSK       | 108     | 54        | 20.39                  | 20.40                  | 20.15                  | 22.0               |          | 0.0 |
| 40              | QPSK       | 108     | 108       | 20.28                  | 20.38                  | 20.21                  |                    |          |     |
| 40              | QPSK       | 216     | 0         | 20.32                  | 20.38                  | 20.21                  |                    |          |     |
| 40              | 16QAM      | 1       | 1         | 20.34                  | 20.38                  | 20.35                  | 22.0               |          | 0.0 |
| 40              | 16QAM      | 1       | 1         | 20.38                  | 20.32                  | 20.37                  | 22.0               |          | 0.0 |
| Channel         |            |         |           |                        |                        |                        |                    |          |     |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |     |
| 35              | QPSK       | 1       | 1         | 20.38                  | 20.31                  | 20.34                  | 22.0               |          | 0.0 |
| Channel         |            |         |           |                        |                        |                        |                    |          |     |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |     |
| 30              | QPSK       | 1       | 1         | 20.34                  | 20.17                  | 20.28                  | 22.0               |          | 0.0 |
| Channel         |            |         |           |                        |                        |                        |                    |          |     |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |     |
| 25              | QPSK       | 1       | 1         | 20.24                  | 20.18                  | 20.26                  | 22.0               |          | 0.0 |
| Channel         |            |         |           |                        |                        |                        |                    |          |     |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |     |
| 20              | QPSK       | 1       | 1         | 20.38                  | 20.38                  | 20.38                  | 22.0               |          | 0.0 |
| Channel         |            |         |           |                        |                        |                        |                    |          |     |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |     |
| 15              | QPSK       | 1       | 1         | 20.23                  | 20.32                  | 20.38                  | 22.0               |          | 0.0 |
| Channel         |            |         |           |                        |                        |                        |                    |          |     |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |     |
| 10              | QPSK       | 1       | 1         | 20.17                  | 20.28                  | 20.15                  | 22.0               |          | 0.0 |
| Channel         |            |         |           |                        |                        |                        |                    |          |     |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |     |
| 5               | QPSK       | 1       | 1         | 20.19                  | 20.18                  | 20.18                  | 22.0               |          | 0.0 |

| n5_Ant 0        |            |         |           |                     |                     |                      |                   |          |  |  |  |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|-------------------|----------|--|--|--|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Mid Ch / Freq | Power High Ch / Freq | Turnup time (min) | MFR (dB) |  |  |  |
| Channel         |            |         |           |                     |                     |                      |                   |          |  |  |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                   |          |  |  |  |
| 25              | PSSBPSK    | 1       | 1         | 23.79               |                     | 23.79                | 20.0              | 0.0      |  |  |  |
| 25              | PSSBPSK    | 1       | 65        | 23.72               |                     | 23.72                |                   |          |  |  |  |
| 25              | PSSBPSK    | 1       | 131       | 23.79               |                     | 23.79                |                   |          |  |  |  |
| 25              | PSSBPSK    | 64      | 0         | 23.78               |                     | 23.78                | 24.5              | 0.5      |  |  |  |
| 25              | PSSBPSK    | 64      | 32        | 23.81               |                     | 23.81                | 20.0              | 0.0      |  |  |  |
| 25              | PSSBPSK    | 128     | 0         | 23.27               |                     | 23.27                | 24.5              | 0.5      |  |  |  |
| 25              | QPSK       | 1       | 1         | 23.82               |                     | 23.82                |                   |          |  |  |  |
| 25              | QPSK       | 1       | 65        | 23.72               |                     | 23.72                | 20.0              | 0.0      |  |  |  |
| 25              | QPSK       | 1       | 131       | 23.79               |                     | 23.79                |                   |          |  |  |  |
| 25              | QPSK       | 64      | 0         | 22.71               |                     | 22.71                | 20.0              | 0.0      |  |  |  |
| 25              | QPSK       | 64      | 32        | 23.76               |                     | 23.76                | 20.0              | 0.0      |  |  |  |
| 25              | QPSK       | 64      | 66        | 22.86               |                     | 22.86                | 24.0              | 1.0      |  |  |  |
| 25              | QPSK       | 128     | 0         | 22.77               |                     | 22.77                |                   |          |  |  |  |
| 25              | 16QAM      | 1       | 1         | 22.41               |                     | 22.41                | 24.0              | 1.0      |  |  |  |
| 25              | 16QAM      | 1       | 1         | 22.98               |                     | 22.98                | 22.5              | 2.5      |  |  |  |
| 25              | 256QAM     | 1       | 1         | 19.61               |                     | 19.61                | 20.5              | 4.5      |  |  |  |
| Channel         |            |         |           |                     |                     |                      |                   |          |  |  |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                   |          |  |  |  |
| 20              | QPSK       | 1       | 1         | 23.82               | 23.77               | 23.89                | 20.0              | 0.0      |  |  |  |
| Channel         |            |         |           |                     |                     |                      |                   |          |  |  |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                   |          |  |  |  |
| 15              | QPSK       | 1       | 1         | 23.87               | 23.75               | 23.38                | 20.0              | 0.0      |  |  |  |
| Channel         |            |         |           |                     |                     |                      |                   |          |  |  |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                   |          |  |  |  |
| 10              | QPSK       | 1       | 1         | 23.81               | 23.81               | 23.82                | 20.0              | 0.0      |  |  |  |
| Channel         |            |         |           |                     |                     |                      |                   |          |  |  |  |
| Frequency (MHz) |            |         |           |                     |                     |                      |                   |          |  |  |  |
| 5               | QPSK       | 1       | 1         | 23.73               | 23.76               | 23.72                | 20.0              | 0.0      |  |  |  |

| n7_Ant 3        |            |         |           |                    |                    |                    |                       |          |  |  |  |
|-----------------|------------|---------|-----------|--------------------|--------------------|--------------------|-----------------------|----------|--|--|--|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power<br>Min (dBm) | Power<br>Mid (dBm) | Power<br>Max (dBm) | Turn-up<br>time (min) | MFR (dB) |  |  |  |
| Channel         |            |         |           |                    |                    |                    |                       |          |  |  |  |
| Frequency (MHz) |            |         |           |                    |                    |                    |                       |          |  |  |  |
| 55              | PSSBPSK    | 1       | 1         | 18.34              | 18.37              | 18.36              |                       |          |  |  |  |
| 55              | PSSBPSK    | 1       | 139       | 18.32              | 18.37              | 18.40              | 20.0                  | 0.0      |  |  |  |
| 55              | PSSBPSK    | 1       | 268       | 18.28              | 18.40              | 18.32              |                       |          |  |  |  |
| 55              | PSSBPSK    | 135     | 0         | 18.31              | 18.38              | 18.38              | 20.0                  | 0.0      |  |  |  |
| 55              | PSSBPSK    | 135     | 68        | 18.30              | 18.41              | 18.39              | 20.0                  | 0.0      |  |  |  |
| 55              | PSSBPSK    | 135     | 135       | 18.29              | 18.40              | 18.40              |                       |          |  |  |  |
| 55              | QPSK       | 1       | 1         | 18.40              | 18.32              | 18.43              |                       |          |  |  |  |
| 55              | QPSK       | 1       | 139       | 18.36              | 18.42              | 18.38              | 20.0                  | 0.0      |  |  |  |
| 55              | QPSK       | 1       | 268       | 18.38              | 18.48              | 18.38              |                       |          |  |  |  |
| 55              | QPSK       | 135     | 0         | 18.34              | 18.40              | 18.37              | 20.0                  | 0.0      |  |  |  |
| 55              | QPSK       | 135     | 68        | 18.35              | 18.40              | 18.31              | 20.0                  | 0.0      |  |  |  |
| 55              | QPSK       | 135     | 135       | 18.32              | 18.38              | 18.33              |                       |          |  |  |  |
| 55              | QPSK       | 270     | 0         | 18.26              | 18.38              | 18.38              | 20.0                  | 0.0      |  |  |  |
| 55              | 16QAM      | 1       | 1         | 18.25              | 18.41              | 18.33              | 20.0                  | 0.0      |  |  |  |
| 55              | 16QAM      | 1       | 1         | 18.26              | 18.35              | 18.40              | 20.0                  | 0.0      |  |  |  |
| 55              | 256QAM     | 1       | 1         | 18.31              | 18.35              | 18.35              | 19.5                  | 0.5      |  |  |  |
| Channel         |            |         |           |                    |                    |                    |                       |          |  |  |  |
| Frequency (MHz) |            |         |           |                    |                    |                    |                       |          |  |  |  |
| 40              | QPSK       | 1       | 1         | 18.27              | 18.39              | 18.40              | 20.0                  | 0.0      |  |  |  |
| Channel         |            |         |           |                    |                    |                    |                       |          |  |  |  |
| Frequency (MHz) |            |         |           |                    |                    |                    |                       |          |  |  |  |
| 30              | QPSK       | 1       | 1         | 18.30              | 18.39              | 18.35              | 20.0                  | 0.0      |  |  |  |
| Channel         |            |         |           |                    |                    |                    |                       |          |  |  |  |
| Frequency (MHz) |            |         |           |                    |                    |                    |                       |          |  |  |  |
| 25              | QPSK       | 1       | 1         | 18.25              | 18.43              | 18.39              | 20.0                  | 0.0      |  |  |  |
| Channel         |            |         |           |                    |                    |                    |                       |          |  |  |  |
| Frequency (MHz) |            |         |           |                    |                    |                    |                       |          |  |  |  |
| 20              | QPSK       | 1       | 1         | 18.37              | 18.39              | 18.29              | 20.0                  | 0.0      |  |  |  |
| Channel         |            |         |           |                    |                    |                    |                       |          |  |  |  |
| Frequency (MHz) |            |         |           |                    |                    |                    |                       |          |  |  |  |
| 15              | QPSK       | 1       | 1         | 18.48              | 18.43              | 18.39              | 20.0                  | 0.0      |  |  |  |
| Channel         |            |         |           |                    |                    |                    |                       |          |  |  |  |
| Frequency (MHz) |            |         |           |                    |                    |                    |                       |          |  |  |  |
| 10              | QPSK       | 1       | 1         | 18.28              | 18.38              | 18.40              | 20.0                  | 0.0      |  |  |  |
| Channel         |            |         |           |                    |                    |                    |                       |          |  |  |  |
| Frequency (MHz) |            |         |           |                    |                    |                    |                       |          |  |  |  |
| 5               | QPSK       | 1       | 1         | 18.28              | 18.42              | 18.39              | 20.0                  | 0.0      |  |  |  |

| n25_Ant 3       |            |         |           |                     |                     |                      |                    |          |     |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|-----|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Mid Ch / Freq | Power High Ch / Freq | Turn-up time (min) | MFR (dB) |     |
| Channel         |            |         |           |                     |                     |                      |                    |          |     |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |     |
| 40              | PSSBPSK    | 1       | 1         | 20.43               | 20.52               | 20.41                |                    |          |     |
| 40              | PSSBPSK    | 1       | 108       | 20.43               | 20.52               | 20.42                | 22.0               |          | 0.0 |
| 40              | PSSBPSK    | 1       | 214       | 20.41               | 20.51               | 20.38                |                    |          |     |
| 40              | PSSBPSK    | 108     | 0         | 20.44               | 20.50               | 20.42                | 22.0               |          | 0.0 |
| 40              | PSSBPSK    | 108     | 54        | 20.43               | 20.52               | 20.40                | 22.0               |          | 0.0 |
| 40              | PSSBPSK    | 108     | 108       | 20.48               | 20.44               | 20.43                |                    |          | 0.0 |
| 40              | PSSBPSK    | 216     | 0         | 20.43               | 20.45               | 20.43                |                    |          |     |
| 40              | QPSK       | 1       | 1         | 20.52               | 20.40               | 20.57                |                    |          |     |
| 40              | QPSK       | 1       | 108       | 20.52               | 20.40               | 20.57                |                    |          |     |
| 40              | QPSK       | 1       | 214       | 20.47               | 20.54               | 20.48                |                    |          |     |
| 40              | QPSK       | 108     | 0         | 20.41               | 20.51               | 20.44                | 22.0               |          | 0.0 |
| 40              | QPSK       | 108     | 54        | 20.44               | 20.49               | 20.42                | 22.0               |          | 0.0 |
| 40              | QPSK       | 108     | 108       | 20.42               | 20.49               | 20.41                |                    |          | 0.0 |
| 40              | QPSK       | 216     | 0         | 20.44               | 20.46               | 20.43                |                    |          |     |
| 40              | SSBQAM     | 1       | 1         | 20.41               | 20.47               | 20.35                | 22.0               |          | 0.0 |
| 40              | SSBQAM     | 1       | 108       | 20.48               | 20.44               | 20.38                | 22.0               |          | 0.0 |
| 40              | SSBQAM     | 1       | 214       | 20.43               | 20.57               | 20.48                |                    |          |     |
| Channel         |            |         |           |                     |                     |                      |                    |          |     |
| Frequency (MHz) |            |         |           |                     |                     |                      |                    |          |     |
| 30              | QPSK       | 1       | 1         | 19.908              | 19.9050             | 19.9050              | 22.0               |          | 0.0 |
| 30              | QPSK       | 1       | 108       | 19.91               | 19.915              | 19.91                | 22.0               |          | 0.0 |
| 30              | QPSK       | 1       | 216       | 19.92               | 19.925              | 19.92                | 22.0               |          | 0.0 |
| 30              | QPSK       | 108     | 0         | 19.908              | 19.9050             | 19.9050              | 22.0               |          | 0.0 |
| 30              | QPSK       | 108     | 54        | 19.91               | 19.915              | 19.91                | 22.0               |          | 0.0 |
| 30              | QPSK       | 1       | 1         | 20.42               | 20.52               | 20.44                | 22.0               |          | 0.0 |
| 30              | QPSK       | 108     | 0         | 20.42               | 20.52               | 20.44                | 22.0               |          | 0.0 |
| 30              | QPSK       | 1       | 1         | 20.928              | 20.9300             | 20.9300              | 22.0               |          | 0.0 |
| 30              | QPSK       | 1       | 108       | 20.93               | 20.935              | 20.93                | 22.0               |          | 0.0 |
| 30              | QPSK       | 1       | 216       | 20.94               | 20.945              | 20.94                | 22.0               |          | 0.0 |
| 20              | QPSK       | 1       | 1         | 19.88               | 19.885              | 19.885               |                    |          |     |
| 20              | QPSK       | 1       | 1         | 20.48               | 20.53               | 20.59                | 22.0               |          | 0.0 |
| 15              | QPSK       | 1       | 1         | 19.83               | 19.835              | 19.835               |                    |          |     |
| 15              | QPSK       | 1       | 1         | 20.43               | 20.52               | 20.41                | 22.0               |          | 0.0 |
| 15              | QPSK       | 1       | 108       | 20.43               | 20.52               | 20.42                | 22.0               |          | 0.0 |
| 15              | QPSK       | 1       | 216       | 20.41               | 20.51               | 20.38                |                    |          |     |
| 15              | QPSK       | 108     | 0         | 20.44               | 20.50               | 20.42                | 22.0               |          | 0.0 |
| 15              | QPSK       | 108     | 54        | 20.43               | 20.52               | 20.40                | 22.0               |          | 0.0 |
| 15              | QPSK       | 108     | 108       | 20.48               | 20.44               | 20.43                |                    |          |     |
| 15              | QPSK       | 216     | 0         | 20.43               | 20.45               | 20.43                |                    |          |     |
| 5               | QPSK       | 1       | 1         | 20.45               | 20.44               | 20.43                | 22.0               |          | 0.0 |

| n30_Ant 3          |            |         |           |                           |                           |                            |                       |     |  |
|--------------------|------------|---------|-----------|---------------------------|---------------------------|----------------------------|-----------------------|-----|--|
| SV [MHz]           | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch./Freq. | Power<br>Mid<br>Ch./Freq. | Power<br>High<br>Ch./Freq. | Turn-up time<br>[min] | MFR |  |
| Channel            |            |         |           |                           |                           |                            |                       |     |  |
| Frequency [MHz]    |            |         |           |                           |                           |                            |                       |     |  |
| 2019               |            |         |           |                           |                           |                            |                       |     |  |
| 15                 | PI2 BPSK   | 1       | 1         | 19.71                     |                           |                            |                       |     |  |
| 15                 | PI2 BPSK   | 1       | 28        | 19.88                     |                           |                            | 19.0                  | 0.0 |  |
| 15                 | PI2 BPSK   | 1       | 50        | 19.88                     |                           |                            |                       |     |  |
| 15                 | PI2 BPSK   | 25      | 5         | 19.84                     |                           |                            | 19.0                  | 0.0 |  |
| 15                 | PI2 BPSK   | 25      | 14        | 19.72                     |                           |                            |                       |     |  |
| 15                 | PI2 BPSK   | 25      | 27        | 19.65                     |                           |                            | 19.0                  | 0.0 |  |
| 15                 | PI2 BPSK   | 50      | 5         | 19.85                     |                           |                            |                       |     |  |
| 15                 | QPSK       | 1       | 1         | 19.78                     |                           |                            |                       |     |  |
| 15                 | QPSK       | 1       | 28        | 19.78                     |                           |                            | 19.0                  | 0.0 |  |
| 15                 | QPSK       | 1       | 50        | 19.78                     |                           |                            |                       |     |  |
| 15                 | QPSK       | 25      | 5         | 19.84                     |                           |                            | 19.0                  | 0.0 |  |
| 15                 | QPSK       | 25      | 14        | 19.73                     |                           |                            | 19.0                  | 0.0 |  |
| 15                 | QPSK       | 25      | 27        | 19.65                     |                           |                            | 19.0                  | 0.0 |  |
| 15                 | QPSK       | 50      | 5         | 19.85                     |                           |                            |                       |     |  |
| 15                 | MSKAM      | 1       | 1         | 19.75                     |                           |                            | 19.0                  | 0.0 |  |
| 15                 | MSKAM      | 1       | 1         | 19.71                     |                           |                            | 19.0                  | 0.0 |  |
| 15                 | MSKAM      | 1       | 1         | 19.71                     |                           |                            | 19.0                  | 0.0 |  |
| Channel            |            |         |           |                           |                           |                            |                       |     |  |
| 48150              |            |         |           |                           |                           |                            |                       |     |  |
| 48200              |            |         |           |                           |                           |                            |                       |     |  |
| 48250              |            |         |           |                           |                           |                            |                       |     |  |
| Turn-up time [min] |            |         |           |                           |                           |                            |                       |     |  |
| MFR                |            |         |           |                           |                           |                            |                       |     |  |
| Frequency [MHz]    |            |         |           |                           |                           |                            |                       |     |  |
| 1                  | QPSK       | 1       | 1         | 19.70                     | 19.88                     | 19.71                      | 19.0                  | 0.0 |  |

| n66_Ant 3       |            |         |           |                           |                           |                            |                       |             |  |
|-----------------|------------|---------|-----------|---------------------------|---------------------------|----------------------------|-----------------------|-------------|--|
| SV [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch./Freq. | Power<br>Mid<br>Ch./Freq. | Power<br>High<br>Ch./Freq. | Turn-up time<br>[min] | MFR<br>[dB] |  |
| Channel         |            |         |           |                           |                           |                            |                       |             |  |
| Frequency [MHz] |            |         |           |                           |                           |                            |                       |             |  |
| 45              | PI2 BPSK   | 1       | 1         | 23.24                     | 23.26                     | 23.26                      |                       |             |  |
| 45              | PI2 BPSK   | 1       | 129       | 23.17                     | 23.23                     | 23.24                      | 23.5                  | 0.0         |  |
| 45              | PI2 BPSK   | 1       | 243       | 23.20                     | 23.21                     | 23.24                      |                       |             |  |
| 45              | PI2 BPSK   | 120     | 9         | 23.18                     | 23.23                     | 23.24                      | 23.5                  | 0.0         |  |
| 45              | PI2 BPSK   | 120     | 60        | 23.18                     | 23.27                     | 23.20                      | 23.5                  | 0.0         |  |
| 45              | PI2 BPSK   | 120     | 122       | 23.28                     | 23.25                     | 23.27                      | 23.5                  | 0.0         |  |
| 45              | PI2 BPSK   | 243     | 9         | 23.18                     | 23.24                     | 23.23                      |                       |             |  |
| 45              | QPSK       | 1       | 1         | 23.27                     | 23.47                     | 23.29                      |                       |             |  |
| 45              | QPSK       | 1       | 129       | 23.26                     | 23.24                     | 23.27                      | 23.5                  | 0.0         |  |
| 45              | QPSK       | 1       | 243       | 23.20                     | 23.28                     | 23.19                      |                       |             |  |
| 45              | QPSK       | 120     | 9         | 23.12                     | 23.29                     | 23.17                      | 23.5                  | 0.0         |  |
| 45              | QPSK       | 120     | 60        | 23.20                     | 23.24                     | 23.21                      | 23.5                  | 0.0         |  |
| 45              | QPSK       | 120     | 122       | 23.18                     | 23.20                     | 23.22                      | 23.5                  | 0.0         |  |
| 45              | QPSK       | 243     | 9         | 23.18                     | 23.24                     | 23.21                      |                       |             |  |
| 45              | MSKAM      | 1       | 1         | 23.45                     | 23.60                     | 23.78                      | 40.0                  | 1.0         |  |
| 45              | MSKAM      | 1       | 1         | 23.00                     | 23.20                     | 23.42                      | 23.5                  | 0.0         |  |
| Channel         |            |         |           |                           |                           |                            |                       |             |  |
| Frequency [MHz] |            |         |           |                           |                           |                            |                       |             |  |
| 40              | QPSK       | 1       | 1         | 23.28                     | 23.35                     | 23.27                      | 23.5                  | 0.0         |  |
| Channel         |            |         |           |                           |                           |                            |                       |             |  |
| Frequency [MHz] |            |         |           |                           |                           |                            |                       |             |  |
| 35              | QPSK       | 1       | 1         | 23.20                     | 23.28                     | 23.23                      | 23.5                  | 0.0         |  |
| Channel         |            |         |           |                           |                           |                            |                       |             |  |
| Frequency [MHz] |            |         |           |                           |                           |                            |                       |             |  |
| 30              | QPSK       | 1       | 1         | 23.20                     | 23.20                     | 23.20                      | 23.5                  | 0.0         |  |
| Channel         |            |         |           |                           |                           |                            |                       |             |  |
| Frequency [MHz] |            |         |           |                           |                           |                            |                       |             |  |
| 20              | QPSK       | 1       | 1         | 23.16                     | 23.22                     | 23.17                      | 23.5                  | 0.0         |  |
| Channel         |            |         |           |                           |                           |                            |                       |             |  |
| Frequency [MHz] |            |         |           |                           |                           |                            |                       |             |  |
| 20              | QPSK       | 1       | 1         | 23.25                     | 23.33                     | 23.19                      | 23.5                  | 0.0         |  |
| Channel         |            |         |           |                           |                           |                            |                       |             |  |
| Frequency [MHz] |            |         |           |                           |                           |                            |                       |             |  |
| 15              | QPSK       | 1       | 1         | 23.28                     | 23.34                     | 23.19                      | 23.5                  | 0.0         |  |
| Channel         |            |         |           |                           |                           |                            |                       |             |  |
| Frequency [MHz] |            |         |           |                           |                           |                            |                       |             |  |
| 10              | QPSK       | 1       | 1         | 23.17                     | 23.33                     | 23.24                      | 23.5                  | 0.0         |  |
| Channel         |            |         |           |                           |                           |                            |                       |             |  |
| Frequency [MHz] |            |         |           |                           |                           |                            |                       |             |  |
| 5               | QPSK       | 1       | 1         | 23.22                     | 23.28                     | 23.22                      | 23.5                  | 0.0         |  |

| n71_Ant 0       |            |         |           |                     |                     |                      |                    |          |  |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|--|
| SV [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Turn-up time [min] | MFR [dB] |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency [MHz] |            |         |           |                     |                     |                      |                    |          |  |
| 30              | PI2 BPSK   | 1       | 1         | 23.07               | 23.12               | 23.11                |                    |          |  |
| 30              | PI2 BPSK   | 1       | 86        | 23.04               | 23.07               | 23.06                | 25.0               | 0.0      |  |
| 30              | PI2 BPSK   | 1       | 168       | 23.09               | 23.09               | 23.08                |                    |          |  |
| 30              | PI2 BPSK   | 86      | 9         | 23.09               | 23.22               | 23.12                | 24.5               | 0.0      |  |
| 30              | PI2 BPSK   | 86      | 40        | 23.11               | 23.25               | 23.07                | 25.0               | 0.0      |  |
| 30              | PI2 BPSK   | 86      | 86        | 22.99               | 22.25               | 22.94                | 24.5               | 0.5      |  |
| 30              | PI2 BPSK   | 168     | 9         | 23.02               | 22.89               | 23.04                |                    |          |  |
| 30              | QPSK       | 1       | 1         | 23.25               | 23.29               | 23.25                |                    |          |  |
| 30              | QPSK       | 1       | 86        | 23.19               | 23.19               | 23.20                | 25.0               | 0.0      |  |
| 30              | QPSK       | 1       | 168       | 23.14               | 23.17               | 23.04                |                    |          |  |
| 30              | QPSK       | 86      | 9         | 22.17               | 22.23               | 22.17                | 24.0               | 1.0      |  |
| 30              | QPSK       | 86      | 40        | 23.08               | 23.22               | 23.17                | 25.0               | 0.0      |  |
| 30              | QPSK       | 86      | 86        | 22.18               | 22.23               | 22.21                | 24.0               | 1.0      |  |
| 30              | QPSK       | 168     | 9         | 23.14               | 22.92               | 23.22                |                    |          |  |
| 30              | MSKAM      | 1       | 1         | 22.98               | 22.91               | 22.93                | 24.0               | 1.0      |  |
| 30              | MSKAM      | 1       | 1         | 22.99               | 22.91               | 22.91                | 23.5               | 0.5      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency [MHz] |            |         |           |                     |                     |                      |                    |          |  |
| 25              | QPSK       | 1       | 1         | 23.13               | 23.08               | 23.10                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency [MHz] |            |         |           |                     |                     |                      |                    |          |  |
| 20              | QPSK       | 1       | 1         | 23.12               | 23.25               | 23.07                | 23.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency [MHz] |            |         |           |                     |                     |                      |                    |          |  |
| 15              | QPSK       | 1       | 1         | 23.00               | 23.00               | 23.00                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency [MHz] |            |         |           |                     |                     |                      |                    |          |  |
| 10              | QPSK       | 1       | 1         | 23.10               | 23.12               | 23.10                | 25.0               | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                    |          |  |
| Frequency [MHz] |            |         |           |                     |                     |                      |                    |          |  |
| 5               | QPSK       | 1       | 1         | 23.23               | 23.22               | 23.10                | 25.0               | 0.0      |  |

| n38_Ant 3       |            |         |           |                       |                       |                        |                     |          |  |          |  |
|-----------------|------------|---------|-----------|-----------------------|-----------------------|------------------------|---------------------|----------|--|----------|--|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |  |          |  |
| Channel         |            |         |           |                       |                       |                        |                     |          |  |          |  |
| Frequency (MHz) |            |         |           | 51900.4               | 51900.0               | 51999.6                |                     |          |  |          |  |
| 40              | PI2 BPSK   | 1       | 1         | 20.51                 | 20.58                 | 20.55                  | 21.5                | 0.0      |  |          |  |
| 40              | PI2 BPSK   | 1       | 53        | 20.52                 | 20.59                 | 20.55                  |                     |          |  |          |  |
| 40              | PI2 BPSK   | 1       | 104       | 20.51                 | 20.61                 | 20.57                  |                     |          |  |          |  |
| 40              | PI2 BPSK   | 50      | 0         | 20.54                 | 20.66                 | 20.63                  | 21.5                | 0.0      |  |          |  |
| 40              | PI2 BPSK   | 50      | 28        | 20.59                 | 20.58                 | 20.55                  | 21.5                | 0.0      |  |          |  |
| 40              | PI2 BPSK   | 50      | 56        | 20.56                 | 20.60                 | 20.62                  | 21.5                | 0.0      |  |          |  |
| 40              | PI2 BPSK   | 100     | 0         | 20.56                 | 20.62                 | 20.55                  | 21.5                | 0.0      |  |          |  |
| 40              | QPSK       | 1       | 1         | 20.61                 | 20.78                 | 20.65                  |                     |          |  |          |  |
| 40              | QPSK       | 1       | 53        | 20.56                 | 20.64                 | 20.57                  |                     |          |  |          |  |
| 40              | QPSK       | 1       | 104       | 20.59                 | 20.66                 | 20.61                  | 21.5                | 0.0      |  |          |  |
| 40              | QPSK       | 50      | 0         | 20.42                 | 20.53                 | 20.49                  |                     |          |  |          |  |
| 40              | QPSK       | 50      | 28        | 20.52                 | 20.63                 | 20.55                  |                     |          |  |          |  |
| 40              | QPSK       | 50      | 56        | 20.47                 | 20.57                 | 20.54                  | 21.5                | 0.0      |  |          |  |
| 40              | QPSK       | 100     | 0         | 20.43                 | 20.60                 | 20.50                  |                     |          |  |          |  |
| 40              | 16QAM      | 1       | 1         | 20.46                 | 20.54                 | 20.51                  | 21.5                | 0.0      |  |          |  |
| 40              | 64QAM      | 1       | 1         | 19.90                 | 19.87                 | 19.82                  | 21.5                | 0.0      |  |          |  |
| 40              | 256QAM     | 1       | 1         | 18.48                 | 18.49                 | 18.51                  | 19.5                | 2.0      |  |          |  |
| Channel         |            |         |           |                       |                       |                        |                     |          |  |          |  |
| Frequency (MHz) |            |         |           | 51750.0               | 51800.0               | 52050.0                | Tune-up limit (dBm) |          |  | MPR (dB) |  |
| 35              | QPSK       | 1       | 1         | 20.58                 | 20.59                 | 20.57                  | 21.5                | 0.0      |  |          |  |
| Channel         |            |         |           |                       |                       |                        |                     |          |  |          |  |
| Frequency (MHz) |            |         |           | 25855.01              | 25855.00              | 26044.99               | Tune-up limit (dBm) | MPR (dB) |  |          |  |
| 30              | QPSK       | 1       | 1         | 20.60                 | 20.64                 | 20.59                  | 21.5                | 0.0      |  |          |  |
| Channel         |            |         |           |                       |                       |                        |                     |          |  |          |  |
| Frequency (MHz) |            |         |           | 51600.4               | 51600.0               | 52149.6                | Tune-up limit (dBm) | MPR (dB) |  |          |  |
| 40              | QPSK       | 1       | 1         | 20.52                 | 20.57                 | 20.57                  | 21.5                | 0.0      |  |          |  |
| 25              | QPSK       | 1       | 1         | 20.54                 | 20.60                 | 20.55                  | 21.5                | 0.0      |  |          |  |
| Channel         |            |         |           |                       |                       |                        |                     |          |  |          |  |
| Frequency (MHz) |            |         |           | 51600.0               | 51900.0               | 52200.0                | Tune-up limit (dBm) | MPR (dB) |  |          |  |
| 20              | QPSK       | 1       | 1         | 2590                  | 2595                  | 2610                   | 21.5                | 0.0      |  |          |  |
| Channel         |            |         |           |                       |                       |                        |                     |          |  |          |  |
| Frequency (MHz) |            |         |           | 51720.0               | 51900.0               | 52248.0                | Tune-up limit (dBm) | MPR (dB) |  |          |  |
| 15              | QPSK       | 1       | 1         | 20.57                 | 20.59                 | 20.62                  | 21.5                | 0.0      |  |          |  |
| Channel         |            |         |           |                       |                       |                        |                     |          |  |          |  |
| Frequency (MHz) |            |         |           | 20.51                 | 20.66                 | 20.57                  | 21.5                | 0.0      |  |          |  |
| Channel         |            |         |           |                       |                       |                        |                     |          |  |          |  |
| Frequency (MHz) |            |         |           | 51920.4               | 51900.0               | 52089.6                | Tune-up limit (dBm) | MPR (dB) |  |          |  |
| 10              | QPSK       | 1       | 1         | 2575.02               | 2595                  | 2614.98                | 21.5                | 0.0      |  |          |  |
| 10              | QPSK       | 1       | 1         | 20.58                 | 20.58                 | 20.57                  | 21.5                | 0.0      |  |          |  |

| FCC_n41_Ant 3   |            |         |           |                      |                      |                      |                        |             |     |
|-----------------|------------|---------|-----------|----------------------|----------------------|----------------------|------------------------|-------------|-----|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power<br>Ch. / Freq. | Power<br>Ch. / Freq. | Power<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |     |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 100             | PI2 BPSK   | 1       | 1         | 569602               | 518698               | 526900               | 23.11                  | 21.5        | 0.0 |
| 100             | PI2 BPSK   | 1       | 137       | 2548.01              | 2562.99              | 2570                 |                        |             |     |
| 100             | PI2 BPSK   | 1       | 271       | 20.28                | 20.31                | 20.15                |                        |             |     |
| 100             | PI2 BPSK   | 135     | 0         | 20.28                | 20.30                | 20.17                | 21.5                   | 0.0         | 0.0 |
| 100             | PI2 BPSK   | 135     | 69        | 20.20                | 20.38                | 20.19                | 21.5                   | 0.0         | 0.0 |
| 100             | PI2 BPSK   | 135     | 138       | 20.22                | 20.31                | 20.14                | 21.5                   | 0.0         | 0.0 |
| 100             | PI2 BPSK   | 270     | 0         | 20.21                | 20.28                | 20.17                | 21.5                   | 0.0         | 0.0 |
| 100             | QPSK       | 1       | 1         | 20.40                | 20.41                | 20.31                |                        |             |     |
| 100             | QPSK       | 1       | 137       | 20.37                | 20.34                | 20.27                |                        |             |     |
| 100             | QPSK       | 1       | 271       | 20.32                | 20.39                | 20.26                | 21.5                   | 0.0         | 0.0 |
| 100             | QPSK       | 135     | 0         | 20.25                | 20.34                | 20.18                |                        |             |     |
| 100             | QPSK       | 135     | 69        | 20.30                | 20.37                | 20.21                |                        |             |     |
| 100             | QPSK       | 135     | 138       | 20.24                | 20.27                | 20.20                | 21.5                   | 0.0         | 0.0 |
| 100             | QPSK       | 270     | 0         | 20.20                | 20.31                | 20.16                |                        |             |     |
| 100             | 16QAM      | 1       | 1         | 20.28                | 20.34                | 20.13                | 21.5                   | 0.0         | 0.0 |
| 100             | 64QAM      | 1       | 1         | 20.22                | 20.34                | 20.11                | 21.5                   | 0.0         | 0.0 |
| 100             | 256QAM     | 1       | 1         | 20.20                | 20.34                | 20.19                | 21.5                   | 0.0         | 0.0 |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 90              | QPSK       | 1       | 1         | 20.22                | 20.34                | 20.18                | 21.5                   | 0.0         | 0.0 |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 80              | QPSK       | 1       | 1         | 50820.0              | 51898.0              | 52696.0              | Tune-up limit<br>(dBm) | MPR<br>(dB) |     |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 70              | QPSK       | 1       | 1         | 20.22                | 20.30                | 20.17                | 21.5                   | 0.0         | 0.0 |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 60              | QPSK       | 1       | 1         | 20.26                | 20.29                | 20.19                | 21.5                   | 0.0         | 0.0 |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 50              | QPSK       | 1       | 1         | 20.25                | 20.36                | 20.11                | 21.5                   | 0.0         | 0.0 |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 45              | QPSK       | 1       | 1         | 50820.0              | 51898.0              | 53496.0              | Tune-up limit<br>(dBm) | MPR<br>(dB) |     |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 40              | QPSK       | 1       | 1         | 20.29                | 20.29                | 20.17                | 21.5                   | 0.0         | 0.0 |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 35              | QPSK       | 1       | 1         | 50820.0              | 51898.0              | 53496.0              | Tune-up limit<br>(dBm) | MPR<br>(dB) |     |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 30              | QPSK       | 1       | 1         | 20.28                | 20.28                | 20.14                | 21.5                   | 0.0         | 0.0 |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 25              | QPSK       | 1       | 1         | 50820.0              | 51898.0              | 53496.0              | Tune-up limit<br>(dBm) | MPR<br>(dB) |     |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 20              | QPSK       | 1       | 1         | 501762               | 518698               | 535600               | Tune-up limit<br>(dBm) | MPR<br>(dB) |     |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 15              | QPSK       | 1       | 1         | 2548.01              | 2562.99              | 2570.75              | 21.5                   | 0.0         | 0.0 |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 10              | QPSK       | 1       | 1         | 501204               | 518698               | 535996               | Tune-up limit<br>(dBm) | MPR<br>(dB) |     |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 5               | QPSK       | 1       | 1         | 2506.02              | 2562.99              | 2579.99              | 21.5                   | 0.0         | 0.0 |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 0               | QPSK       | 1       | 1         | 20.23                | 20.32                | 20.13                | 21.5                   | 0.0         | 0.0 |
| Channel         |            |         |           |                      |                      |                      |                        |             |     |
| Frequency (MHz) |            |         |           |                      |                      |                      |                        |             |     |
| 0               | QPSK       | 1       | 1         | 20.23                | 20.27                | 20.19                | 21.5                   | 0.0         | 0.0 |

| n48_Ant 4       |            |         |           |                       |                          |                        |                     |          |  |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |  |
| Channel         |            |         |           |                       |                          |                        |                     |          |  |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |  |
| 40              | PI2 BPSK   | 1       | 1         | 63000                 | 64166                    | 64532                  | 21.5                | 0.0      |  |
| 40              | PI2 BPSK   | 1       | 53        | 19.65                 | 19.71                    | 19.71                  |                     |          |  |
| 40              | PI2 BPSK   | 1       | 104       | 19.62                 | 19.68                    | 19.66                  |                     |          |  |
| 40              | PI2 BPSK   | 50      | 0         | 19.63                 | 19.67                    | 19.62                  | 21.5                | 0.0      |  |
| 40              | PI2 BPSK   | 50      | 28        | 19.70                 | 19.75                    | 19.65                  | 21.5                | 0.0      |  |
| 40              | PI2 BPSK   | 50      | 56        | 19.66                 | 19.74                    | 19.62                  | 21.5                | 0.0      |  |
| 40              | PI2 BPSK   | 100     | 0         | 19.65                 | 19.71                    | 19.62                  |                     |          |  |
| 40              | QPSK       | 1       | 1         | 19.72                 | 19.75                    | 19.72                  |                     |          |  |
| 40              | QPSK       | 1       | 53        | 19.64                 | 19.74                    | 19.65                  | 21.5                | 0.0      |  |
| 40              | QPSK       | 1       | 104       | 19.65                 | 19.70                    | 19.62                  |                     |          |  |
| 40              | QPSK       | 50      | 0         | 19.58                 | 19.64                    | 19.54                  |                     |          |  |
| 40              | QPSK       | 50      | 28        | 19.69                 | 19.65                    | 19.61                  | 21.5                | 0.0      |  |
| 40              | QPSK       | 50      | 56        | 19.62                 | 19.68                    | 19.53                  |                     |          |  |
| 40              | QPSK       | 100     | 0         | 19.58                 | 19.60                    | 19.55                  | 21.5                | 0.0      |  |
| 40              | 16QAM      | 1       | 1         | 19.63                 | 19.60                    | 19.53                  | 21.5                | 0.0      |  |
| 40              | 64QAM      | 1       | 1         | 19.33                 | 19.46                    | 19.42                  | 21.5                | 0.0      |  |
| 40              | 256QAM     | 1       | 1         | 17.90                 | 17.98                    | 17.89                  | 19.5                | 2.0      |  |
| Channel         |            |         |           |                       |                          |                        |                     |          |  |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |  |
| 30              | QPSK       | 1       | 1         | 63700                 | 64166                    | 64500                  | Tune-up limit (dBm) | MPR      |  |
| Channel         |            |         |           |                       |                          |                        |                     |          |  |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |  |
| 30              | QPSK       | 1       | 1         | 19.69                 | 19.72                    | 19.68                  | 21.5                | 0.0      |  |
| Channel         |            |         |           |                       |                          |                        |                     |          |  |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |  |
| 20              | QPSK       | 1       | 1         | 63734                 | 64166                    | 64600                  | Tune-up limit (dBm) | MPR      |  |
| Channel         |            |         |           |                       |                          |                        |                     |          |  |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |  |
| 20              | QPSK       | 1       | 1         | 53691                 | 54166                    | 54598                  | Tune-up limit (dBm) | MPR      |  |
| Channel         |            |         |           |                       |                          |                        |                     |          |  |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |  |
| 15              | QPSK       | 1       | 1         | 637168                | 64166                    | 646106                 | Tune-up limit (dBm) | MPR      |  |
| Channel         |            |         |           |                       |                          |                        |                     |          |  |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |  |
| 15              | QPSK       | 1       | 1         | 3567.52               | 3624.49                  | 3662.49                | Tune-up limit (dBm) | MPR      |  |
| Channel         |            |         |           |                       |                          |                        |                     |          |  |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |  |
| 10              | QPSK       | 1       | 1         | 637100                | 64166                    | 646112                 | Tune-up limit (dBm) | MPR      |  |
| Channel         |            |         |           |                       |                          |                        |                     |          |  |
| Frequency (MHz) |            |         |           |                       |                          |                        |                     |          |  |
| 10              | QPSK       | 1       | 1         | 19.71                 | 19.73                    | 19.62                  | 21.5                | 0.0      |  |

| Part96_n77_Ant 4 |            |         |           |                       |                          |                        |                     |          |          |  |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|----------|--|
| BW (MHz)         | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Time-up limit (dBm) | MPR (dB) |          |  |
| Channel          |            |         |           |                       |                          |                        |                     |          |          |  |
| Frequency (MHz)  |            |         |           |                       |                          |                        |                     |          |          |  |
| 100              | P22 BPSK   | 1       | 1         | 20.11                 | 20.13                    | 20.02                  | 21.5                | 0.0      |          |  |
| 100              | P22 BPSK   | 1       | 137       | 20.06                 | 20.16                    | 20.01                  |                     |          |          |  |
| 100              | P22 BPSK   | 1       | 271       | 20.11                 | 20.17                    | 20.02                  | 21.5                | 0.0      |          |  |
| 100              | P22 BPSK   | 135     | 0         | 20.06                 | 20.14                    | 20.01                  |                     |          |          |  |
| 100              | P22 BPSK   | 135     | 69        | 20.07                 | 20.16                    | 20.08                  | 21.5                | 0.0      |          |  |
| 100              | P22 BPSK   | 135     | 138       | 20.04                 | 20.14                    | 20.10                  | 21.5                | 0.0      |          |  |
| 100              | P22 BPSK   | 270     | 0         | 20.04                 | 20.16                    | 20.10                  | 21.5                | 0.0      |          |  |
| 100              | QPSK       | 1       | 1         | 20.25                 | 20.26                    | 20.22                  |                     |          |          |  |
| 100              | QPSK       | 1       | 137       | 20.22                 | 20.25                    | 20.17                  | 21.5                | 0.0      |          |  |
| 100              | QPSK       | 1       | 271       | 20.21                 | 20.23                    | 20.17                  | 21.5                | 0.0      |          |  |
| 100              | QPSK       | 135     | 0         | 20.08                 | 20.21                    | 20.14                  |                     |          |          |  |
| 100              | QPSK       | 135     | 69        | 20.15                 | 20.24                    | 20.17                  | 21.5                | 0.0      |          |  |
| 100              | QPSK       | 135     | 138       | 20.14                 | 20.21                    | 20.14                  | 21.5                | 0.0      |          |  |
| 100              | QPSK       | 270     | 0         | 20.12                 | 20.23                    | 20.11                  |                     |          |          |  |
| 100              | 16QAM      | 1       | 1         | 20.04                 | 20.12                    | 20.10                  | 21.5                | 0.0      |          |  |
| 100              | 64QAM      | 1       | 1         | 20.11                 | 20.16                    | 20.04                  | 21.5                | 0.0      |          |  |
| 100              | 256QAM     | 1       | 1         | 20.08                 | 20.22                    | 20.07                  | 21.5                | 0.0      |          |  |
| Channel          |            |         |           |                       |                          |                        |                     |          |          |  |
| Frequency (MHz)  |            |         |           |                       |                          |                        |                     |          |          |  |
| 90               | QPSK       | 1       | 1         | 20.03                 | 20.17                    | 20.05                  | 21.5                | 0.0      | MPR (dB) |  |
| Channel          |            |         |           |                       |                          |                        |                     |          |          |  |
| Frequency (MHz)  |            |         |           |                       |                          |                        |                     |          |          |  |
| 80               | QPSK       | 1       | 1         | 20.03                 | 20.20                    | 20.09                  | 21.5                | 0.0      | MPR (dB) |  |
| Channel          |            |         |           |                       |                          |                        |                     |          |          |  |
| Frequency (MHz)  |            |         |           |                       |                          |                        |                     |          |          |  |
| 70               | QPSK       | 1       | 1         | 20.03                 | 20.21                    | 20.09                  | 21.5                | 0.0      | MPR (dB) |  |
| Channel          |            |         |           |                       |                          |                        |                     |          |          |  |
| Frequency (MHz)  |            |         |           |                       |                          |                        |                     |          |          |  |
| 60               | QPSK       | 1       | 1         | 20.09                 | 20.21                    | 20.09                  | 21.5                | 0.0      | MPR (dB) |  |
| Channel          |            |         |           |                       |                          |                        |                     |          |          |  |
| Frequency (MHz)  |            |         |           |                       |                          |                        |                     |          |          |  |
| 50               | QPSK       | 1       | 1         | 20.04                 | 20.16                    | 20.07                  | 21.5                | 0.0      | MPR (dB) |  |
| Channel          |            |         |           |                       |                          |                        |                     |          |          |  |
| Frequency (MHz)  |            |         |           |                       |                          |                        |                     |          |          |  |
| 40               | QPSK       | 1       | 1         | 20.06                 | 20.18                    | 20.07                  | 21.5                | 0.0      | MPR (dB) |  |
| Channel          |            |         |           |                       |                          |                        |                     |          |          |  |
| Frequency (MHz)  |            |         |           |                       |                          |                        |                     |          |          |  |
| 30               | QPSK       | 1       | 1         | 20.06                 | 20.15                    | 20.09                  | 21.5                | 0.0      | MPR (dB) |  |
| Channel          |            |         |           |                       |                          |                        |                     |          |          |  |
| Frequency (MHz)  |            |         |           |                       |                          |                        |                     |          |          |  |
| 25               | QPSK       | 1       | 1         | 20.07                 | 20.21                    | 20.10                  | 21.5                | 0.0      | MPR (dB) |  |
| Channel          |            |         |           |                       |                          |                        |                     |          |          |  |
| Frequency (MHz)  |            |         |           |                       |                          |                        |                     |          |          |  |
| 20               | QPSK       | 1       | 1         | 20.02                 | 20.20                    | 20.08                  | 21.5                | 0.0      | MPR (dB) |  |
| Channel          |            |         |           |                       |                          |                        |                     |          |          |  |
| Frequency (MHz)  |            |         |           |                       |                          |                        |                     |          |          |  |
| 15               | QPSK       | 1       | 1         | 20.03                 | 20.14                    | 20.07                  | 21.5                | 0.0      | MPR (dB) |  |
| Channel          |            |         |           |                       |                          |                        |                     |          |          |  |
| Frequency (MHz)  |            |         |           |                       |                          |                        |                     |          |          |  |
| 10               | QPSK       | 1       | 1         | 20.06                 | 20.14                    | 20.03                  | 21.5                | 0.0      | MPR (dB) |  |

| Part27Q_n77_Ant 4 |            |         |           |                       |                          |                        |                     |          |  |  |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW (MHz)          | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dbm) | MPR (db) |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 100               | P22 BPSK   | 1       | 1         |                       | 3469.98                  |                        | 21.5                | 0.0      |  |  |
| 100               | P22 BPSK   | 1       | 137       |                       | 20.25                    |                        |                     |          |  |  |
| 100               | P22 BPSK   | 1       | 271       |                       | 20.27                    |                        | 21.5                | 0.0      |  |  |
| 100               | P22 BPSK   | 135     | 0         |                       | 20.29                    |                        |                     |          |  |  |
| 100               | P22 BPSK   | 135     | 69        |                       | 20.24                    |                        | 21.5                | 0.0      |  |  |
| 100               | P22 BPSK   | 135     | 138       |                       | 20.24                    |                        | 21.5                | 0.0      |  |  |
| 100               | P22 BPSK   | 270     | 0         |                       | 20.26                    |                        | 21.5                | 0.0      |  |  |
| 100               | QPSK       | 1       | 1         |                       | 20.41                    |                        |                     |          |  |  |
| 100               | QPSK       | 1       | 137       |                       | 20.40                    |                        | 21.5                | 0.0      |  |  |
| 100               | QPSK       | 1       | 271       |                       | 20.36                    |                        | 21.5                | 0.0      |  |  |
| 100               | QPSK       | 135     | 0         |                       | 20.29                    |                        |                     |          |  |  |
| 100               | QPSK       | 135     | 69        |                       | 20.31                    |                        | 21.5                | 0.0      |  |  |
| 100               | QPSK       | 135     | 138       |                       | 20.26                    |                        | 21.5                | 0.0      |  |  |
| 100               | QPSK       | 270     | 0         |                       | 20.22                    |                        |                     |          |  |  |
| 100               | 16QAM      | 1       | 1         |                       | 20.25                    |                        | 21.5                | 0.0      |  |  |
| 100               | 64QAM      | 1       | 1         |                       | 20.24                    |                        | 21.5                | 0.0      |  |  |
| 100               | 256QAM     | 1       | 1         |                       | 20.28                    |                        | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 90                | QPSK       | 1       | 1         | 63300                 | 63332                    | 63666                  | Tune-up limit (dbm) | MPR (db) |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 80                | QPSK       | 1       | 1         | 63668                 | 63332                    | 63400                  | Tune-up limit (dbm) | MPR (db) |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 70                | QPSK       | 1       | 1         | 3480.02               | 3469.98                  | 3514.98                | Tune-up limit (dbm) | MPR (db) |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 60                | QPSK       | 1       | 1         | 20.13                 | 20.23                    | 20.26                  | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 50                | QPSK       | 1       | 1         | 20.19                 | 20.26                    | 20.26                  | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 40                | QPSK       | 1       | 1         | 20.13                 | 20.24                    | 20.17                  | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 30                | QPSK       | 1       | 1         | 20.15                 | 20.28                    | 20.23                  | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 25                | QPSK       | 1       | 1         | 20.14                 | 20.20                    | 20.20                  | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 20                | QPSK       | 1       | 1         | 20.20                 | 20.24                    | 20.24                  | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 15                | QPSK       | 1       | 1         | 20.14                 | 20.26                    | 20.19                  | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                       |                          |                        |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                       |                          |                        |                     |          |  |  |
| 10                | QPSK       | 1       | 1         | 20.20                 | 20.27                    | 20.26                  | 21.5                | 0.0      |  |  |

| Part27O_n77_Ant 4 |            |         |           |                     |                        |                      |                     |          |  |  |
|-------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|--|
| BW (MHz)          | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power Middle Ch. Freq. | Power High Ch. Freq. | Tune-up limit (dBm) | MPR (dB) |  |  |
| Channel           |            |         |           |                     |                        |                      |                     |          |  |  |
| Frequency (MHz)   |            |         |           |                     |                        |                      |                     |          |  |  |
| 100               | P22 BPSK   | 1       | 1         | 20.38               | 20.45                  | 20.29                | 21.5                | 0.0      |  |  |
| 100               | P22 BPSK   | 1       | 137       | 20.35               | 20.42                  | 20.32                |                     |          |  |  |
| 100               | P22 BPSK   | 1       | 271       | 20.31               | 20.38                  | 20.33                | 21.5                | 0.0      |  |  |
| 100               | P22 BPSK   | 135     | 0         | 20.29               | 20.42                  | 20.31                |                     |          |  |  |
| 100               | P22 BPSK   | 135     | 69        | 20.32               | 20.40                  | 20.37                | 21.5                | 0.0      |  |  |
| 100               | P22 BPSK   | 135     | 138       | 20.32               | 20.42                  | 20.36                | 21.5                | 0.0      |  |  |
| 100               | P22 BPSK   | 270     | 0         | 20.35               | 20.44                  | 20.31                | 21.5                | 0.0      |  |  |
| 100               | QPSK       | 1       | 1         | 20.41               | 20.53                  | 20.48                | 21.5                | 0.0      |  |  |
| 100               | QPSK       | 1       | 137       | 20.33               | 20.56                  | 20.42                |                     |          |  |  |
| 100               | QPSK       | 1       | 271       | 20.34               | 20.47                  | 20.40                | 21.5                | 0.0      |  |  |
| 100               | QPSK       | 135     | 0         | 20.35               | 20.43                  | 20.29                |                     |          |  |  |
| 100               | QPSK       | 135     | 69        | 20.37               | 20.45                  | 20.38                | 21.5                | 0.0      |  |  |
| 100               | QPSK       | 135     | 138       | 20.32               | 20.36                  | 20.28                | 21.5                | 0.0      |  |  |
| 100               | QPSK       | 270     | 0         | 20.29               | 20.45                  | 20.33                |                     |          |  |  |
| 100               | 16QAM      | 1       | 1         | 20.27               | 20.31                  | 20.31                | 21.5                | 0.0      |  |  |
| 100               | 16QAM      | 1       | 131       | 20.30               | 20.38                  | 20.32                | 21.5                | 0.0      |  |  |
| 100               | 256QAM     | 1       | 1         | 20.31               | 20.42                  | 20.28                | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                     |                        |                      |                     |          |  |  |
|                   |            |         |           | 665998              | 666000                 | 666332               | Tune-up limit       | MPR      |  |  |
|                   |            |         |           | 3745.01             | 3844                   | 3934.86              | (dBm)               | (dB)     |  |  |
| 90                | QPSK       | 1       | 1         | 20.48               | 20.44                  | 20.34                | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                     |                        |                      |                     |          |  |  |
|                   |            |         |           | 668934              | 668936                 | 669066               | Tune-up limit       | MPR      |  |  |
|                   |            |         |           | 3740.01             | 3845                   | 3939.99              | (dBm)               | (dB)     |  |  |
| 80                | QPSK       | 1       | 1         | 20.32               | 20.36                  | 20.36                | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                     |                        |                      |                     |          |  |  |
|                   |            |         |           | 669000              | 669000                 | 669300               | Tune-up limit       | MPR      |  |  |
|                   |            |         |           | 3739                | 3844                   | 3945                 | (dBm)               | (dB)     |  |  |
| 70                | QPSK       | 1       | 1         | 20.30               | 20.36                  | 20.29                | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                     |                        |                      |                     |          |  |  |
|                   |            |         |           | 669000              | 669000                 | 669332               | Tune-up limit       | MPR      |  |  |
|                   |            |         |           | 3739.92             | 3844                   | 3949.98              | (dBm)               | (dB)     |  |  |
| 60                | QPSK       | 1       | 1         | 20.35               | 20.44                  | 20.35                | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                     |                        |                      |                     |          |  |  |
|                   |            |         |           | 668934              | 669000                 | 669366               | Tune-up limit       | MPR      |  |  |
|                   |            |         |           | 3739.01             | 3844                   | 3954.99              | (dBm)               | (dB)     |  |  |
| 50                | QPSK       | 1       | 1         | 20.31               | 20.39                  | 20.29                | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                     |                        |                      |                     |          |  |  |
|                   |            |         |           | 669000              | 669000                 | 669400               | Tune-up limit       | MPR      |  |  |
|                   |            |         |           | 3730                | 3844                   | 3960                 | (dBm)               | (dB)     |  |  |
| 40                | QPSK       | 1       | 1         | 20.36               | 20.40                  | 20.35                | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                     |                        |                      |                     |          |  |  |
|                   |            |         |           | 669000              | 669332                 | 669332               | Tune-up limit       | MPR      |  |  |
|                   |            |         |           | 3719.92             | 3844                   | 3964.98              | (dBm)               | (dB)     |  |  |
| 30                | QPSK       | 1       | 1         | 20.27               | 20.38                  | 20.32                | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                     |                        |                      |                     |          |  |  |
|                   |            |         |           | 667290              | 669000                 | 668490               | Tune-up limit       | MPR      |  |  |
|                   |            |         |           | 3709.5              | 3844                   | 3969.5               | (dBm)               | (dB)     |  |  |
| 25                | QPSK       | 1       | 1         | 20.33               | 20.45                  | 20.33                | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                     |                        |                      |                     |          |  |  |
|                   |            |         |           | 667334              | 669000                 | 669366               | Tune-up limit       | MPR      |  |  |
|                   |            |         |           | 3710.01             | 3844                   | 3969.99              | (dBm)               | (dB)     |  |  |
| 20                | QPSK       | 1       | 1         | 20.28               | 20.44                  | 20.32                | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                     |                        |                      |                     |          |  |  |
|                   |            |         |           | 669000              | 669000                 | 669332               | Tune-up limit       | MPR      |  |  |
|                   |            |         |           | 3707.92             | 3844                   | 3992.48              | (dBm)               | (dB)     |  |  |
| 15                | QPSK       | 1       | 1         | 20.34               | 20.37                  | 20.29                | 21.5                | 0.0      |  |  |
| Channel           |            |         |           |                     |                        |                      |                     |          |  |  |
|                   |            |         |           | 667000              | 669000                 | 668000               | Tune-up limit       | MPR      |  |  |
|                   |            |         |           | 3704                | 3844                   | 3994                 | (dBm)               | (dB)     |  |  |
| 10                | QPSK       | 1       | 1         | 20.35               | 20.40                  | 20.37                | 21.5                | 0.0      |  |  |



## Full &amp; Default Power\_ENDC

| Band 2_Ant 3    |            |         |           |                     |                          |                          |                     |          |  |
|-----------------|------------|---------|-----------|---------------------|--------------------------|--------------------------|---------------------|----------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Ch./Freq. [W] | Power Max./Ch./Freq. [W] | Power Avg./Ch./Freq. [W] | Time-up limit (min) | MPR (dB) |  |
| Channel         |            |         |           |                     |                          |                          |                     |          |  |
| Frequency [MHz] |            |         |           |                     |                          |                          |                     |          |  |
| 18500           | 18505      | 18510   | 18515     |                     |                          |                          |                     |          |  |
| 20              | QPSK       | 1       | 0         | 23.05               | 24.15                    | 23.05                    | 25                  | 0        |  |
| 20              | QPSK       | 1       | 49        | 23.97               | 25.07                    | 23.97                    | 25                  | 0        |  |
| 20              | QPSK       | 1       | 99        | 23.97               | 25.07                    | 23.97                    | 25                  | 0        |  |
| 20              | QPSK       | 50      | 0         | 23.11               | 23.24                    | 23.05                    | 24                  | 1        |  |
| 20              | QPSK       | 50      | 25        | 23.80               | 23.94                    | 23.75                    | 24                  | 1        |  |
| 20              | QPSK       | 50      | 50        | 23.87               | 23.97                    | 23.87                    | 24                  | 1        |  |
| 20              | QPSK       | 100     | 0         | 22.85               | 22.95                    | 22.85                    | 24                  | 1        |  |
| 20              | QPSK       | 100     | 25        | 23.38               | 23.50                    | 23.27                    | 24                  | 1        |  |
| 20              | QPSK       | 100     | 50        | 23.85               | 23.93                    | 23.87                    | 24                  | 1        |  |
| 20              | QPSK       | 1       | 0         | 23.05               | 24.15                    | 23.05                    | 25                  | 0        |  |
| 20              | QPSK       | 1       | 49        | 23.97               | 25.07                    | 23.97                    | 25                  | 0        |  |
| 20              | QPSK       | 1       | 99        | 23.97               | 25.07                    | 23.97                    | 25                  | 0        |  |
| 20              | QPSK       | 50      | 24        | 23.90               | 24.00                    | 23.84                    | 23                  | 2        |  |
| 20              | QPSK       | 50      | 50        | 23.84               | 23.90                    | 23.86                    | 23                  | 2        |  |
| 20              | QPSK       | 100     | 0         | 23.81               | 23.89                    | 23.82                    | 23                  | 2        |  |
| 20              | QPSK       | 100     | 24        | 23.26               | 23.34                    | 23.07                    | 23                  | 2        |  |
| 20              | QPSK       | 100     | 50        | 23.85               | 23.92                    | 23.87                    | 23                  | 2        |  |
| Channel         |            |         |           |                     |                          |                          |                     |          |  |
| Frequency [MHz] |            |         |           |                     |                          |                          |                     |          |  |
| 18615           | 18620      | 18625   | 18630     |                     |                          |                          |                     |          |  |
| 15              | QPSK       | 1       | 0         | 22.18               | 22.28                    | 22.18                    | 24                  | 0        |  |
| 15              | QPSK       | 1       | 37        | 22.48               | 22.58                    | 22.47                    | 24                  | 0        |  |
| 15              | QPSK       | 1       | 75        | 22.48               | 22.58                    | 22.47                    | 24                  | 0        |  |
| 15              | QPSK       | 36      | 0         | 21.59               | 21.54                    | 21.53                    | 23                  | 1        |  |
| 15              | QPSK       | 36      | 25        | 21.47               | 21.38                    | 21.48                    | 23                  | 1        |  |
| 15              | QPSK       | 36      | 50        | 21.48               | 21.38                    | 21.47                    | 23                  | 1        |  |
| 15              | QPSK       | 75      | 0         | 21.35               | 21.44                    | 21.43                    | 23                  | 1        |  |
| 15              | QPSK       | 75      | 25        | 21.55               | 21.42                    | 21.48                    | 23                  | 1        |  |
| 15              | QPSK       | 75      | 50        | 21.42               | 21.43                    | 21.55                    | 23                  | 1        |  |
| 15              | QPSK       | 1       | 0         | 20.81               | 20.90                    | 20.88                    | 22                  | 2        |  |
| 15              | QPSK       | 1       | 37        | 20.47               | 20.55                    | 20.47                    | 22                  | 2        |  |
| 15              | QPSK       | 1       | 75        | 20.47               | 20.55                    | 20.47                    | 22                  | 2        |  |
| 15              | QPSK       | 36      | 25        | 20.47               | 20.55                    | 20.47                    | 22                  | 2        |  |
| 15              | QPSK       | 36      | 50        | 20.47               | 20.55                    | 20.47                    | 22                  | 2        |  |
| 15              | QPSK       | 75      | 25        | 20.47               | 20.55                    | 20.47                    | 22                  | 2        |  |
| 15              | QPSK       | 75      | 50        | 20.47               | 20.55                    | 20.47                    | 22                  | 2        |  |
| 15              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 21                  | 3        |  |
| 15              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 21                  | 3        |  |
| 15              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 21                  | 3        |  |
| 15              | QPSK       | 36      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 15              | QPSK       | 36      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 15              | QPSK       | 75      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 15              | QPSK       | 75      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| Channel         |            |         |           |                     |                          |                          |                     |          |  |
| Frequency [MHz] |            |         |           |                     |                          |                          |                     |          |  |
| 18680           | 18685      | 18690   | 18695     |                     |                          |                          |                     |          |  |
| 10              | QPSK       | 1       | 0         | 23.05               | 24.15                    | 23.05                    | 25                  | 0        |  |
| 10              | QPSK       | 1       | 24        | 23.02               | 23.83                    | 23.86                    | 25                  | 0        |  |
| 10              | QPSK       | 1       | 49        | 23.89               | 23.82                    | 23.84                    | 25                  | 0        |  |
| 10              | QPSK       | 1       | 99        | 23.89               | 23.82                    | 23.84                    | 25                  | 0        |  |
| 10              | QPSK       | 12      | 0         | 22.85               | 22.88                    | 22.85                    | 24                  | 1        |  |
| 10              | QPSK       | 12      | 25        | 22.87               | 22.87                    | 22.87                    | 24                  | 1        |  |
| 10              | QPSK       | 12      | 50        | 22.77               | 22.88                    | 22.78                    | 24                  | 1        |  |
| 10              | QPSK       | 12      | 75        | 22.85               | 22.79                    | 22.85                    | 24                  | 1        |  |
| 10              | QPSK       | 1       | 0         | 23.05               | 24.15                    | 23.05                    | 25                  | 0        |  |
| 10              | QPSK       | 1       | 37        | 23.97               | 25.07                    | 23.97                    | 25                  | 0        |  |
| 10              | QPSK       | 1       | 75        | 23.97               | 25.07                    | 23.97                    | 25                  | 0        |  |
| 10              | QPSK       | 12      | 25        | 23.89               | 23.82                    | 23.84                    | 23                  | 2        |  |
| 10              | QPSK       | 12      | 50        | 23.89               | 23.82                    | 23.84                    | 23                  | 2        |  |
| 10              | QPSK       | 12      | 75        | 23.89               | 23.82                    | 23.84                    | 23                  | 2        |  |
| 10              | QPSK       | 1       | 0         | 23.05               | 24.15                    | 23.05                    | 25                  | 0        |  |
| 10              | QPSK       | 1       | 37        | 23.97               | 25.07                    | 23.97                    | 25                  | 0        |  |
| 10              | QPSK       | 1       | 75        | 23.97               | 25.07                    | 23.97                    | 25                  | 0        |  |
| 10              | QPSK       | 12      | 25        | 23.89               | 23.82                    | 23.84                    | 22                  | 3        |  |
| 10              | QPSK       | 12      | 50        | 23.89               | 23.82                    | 23.84                    | 22                  | 3        |  |
| 10              | QPSK       | 12      | 75        | 23.89               | 23.82                    | 23.84                    | 22                  | 3        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 75        | 18.92               | 18.90                    | 18.91                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 25        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 50        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 12      | 75        | 18.87               | 18.87                    | 18.87                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 0         | 18.82               | 18.90                    | 18.82                    | 20                  | 5        |  |
| 10              | QPSK       | 1       | 37        | 18.                 |                          |                          |                     |          |  |

| Band 12_Ant 0   |            |         |           |                     |                      |                     |                     |                     |          |
|-----------------|------------|---------|-----------|---------------------|----------------------|---------------------|---------------------|---------------------|----------|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power High Ch./Freq. | Power Max Ch./Freq. | Power Min Ch./Freq. | Time-up limit (dBm) | MPR (dB) |
| Channel         |            |         |           |                     |                      |                     |                     |                     |          |
| Frequency (MHz) |            |         |           |                     |                      |                     |                     |                     |          |
| 10              | QPSK       | 1       | 0         | 23.17               | 23.63                | 23.50               |                     |                     |          |
| 10              | QPSK       | 1       | 25        | 23.64               | 23.60                | 23.67               |                     | 25                  | 0        |
| 10              | QPSK       | 1       | 49        | 23.61               | 23.38                | 23.67               |                     |                     |          |
| 10              | QPSK       | 25      | 0         | 22.67               | 22.71                | 22.69               |                     |                     |          |
| 10              | QPSK       | 25      | 25        | 22.65               | 22.66                | 22.64               |                     | 24                  | 1        |
| 10              | QPSK       | 25      | 50        | 22.65               | 22.67                | 22.64               |                     |                     |          |
| 10              | 16QAM      | 1       | 0         | 23.14               | 22.76                | 23.10               |                     |                     |          |
| 10              | 16QAM      | 1       | 25        | 22.68               | 22.79                | 22.70               |                     | 24                  | 1        |
| 10              | 16QAM      | 25      | 0         | 22.68               | 22.66                | 22.64               |                     |                     |          |
| 10              | 16QAM      | 25      | 12        | 21.95               | 21.93                | 21.94               |                     |                     |          |
| 10              | 16QAM      | 25      | 12        | 21.70               | 21.64                | 21.63               |                     | 23                  | 2        |
| 10              | 16QAM      | 25      | 25        | 21.65               | 21.64                | 21.65               |                     |                     |          |
| 10              | 16QAM      | 50      | 0         | 21.67               | 21.70                | 21.65               |                     |                     |          |
| 10              | 16QAM      | 1       | 0         | 21.68               | 21.64                | 21.66               |                     |                     |          |
| 10              | 16QAM      | 1       | 25        | 21.67               | 21.53                | 21.65               |                     | 23                  | 2        |
| 10              | 16QAM      | 1       | 49        | 22.00               | 22.04                | 21.72               |                     |                     |          |
| 10              | 16QAM      | 25      | 0         | 20.44               | 20.51                | 20.60               |                     |                     |          |
| 10              | 16QAM      | 25      | 12        | 20.50               | 20.50                | 20.54               |                     | 22                  | 3        |
| 10              | 16QAM      | 25      | 25        | 20.52               | 20.56                | 20.48               |                     |                     |          |
| 10              | 16QAM      | 50      | 0         | 20.54               | 20.54                | 20.52               |                     |                     |          |
| 10              | 256QAM     | 1       | 0         | 18.93               | 18.88                | 18.95               |                     |                     |          |
| 10              | 256QAM     | 1       | 25        | 18.96               | 18.91                | 18.98               |                     | 20                  | 5        |
| 10              | 256QAM     | 1       | 49        | 18.81               | 18.88                | 18.87               |                     |                     |          |
| 10              | 256QAM     | 25      | 0         | 18.82               | 18.84                | 18.83               |                     |                     |          |
| 10              | 256QAM     | 25      | 12        | 18.74               | 18.73                | 18.80               |                     | 20                  | 5        |
| 10              | 256QAM     | 25      | 25        | 18.87               | 18.76                | 18.82               |                     |                     |          |
| 10              | 256QAM     | 50      | 0         | 18.71               | 18.76                | 18.77               |                     |                     |          |
| Channel         |            |         |           |                     |                      |                     |                     |                     |          |
| Frequency (MHz) |            |         |           |                     |                      |                     |                     |                     |          |
| 5               | QPSK       | 1       | 0         | 23.14               | 23.14                | 23.13               |                     |                     |          |
| 5               | QPSK       | 1       | 12        | 23.77               | 23.56                | 23.67               |                     | 25                  | 0        |
| 5               | QPSK       | 1       | 24        | 23.57               | 23.59                | 23.67               |                     |                     |          |
| 5               | QPSK       | 12      | 0         | 22.52               | 22.52                | 22.50               |                     |                     |          |
| 5               | QPSK       | 12      | 7         | 22.52               | 22.55                | 22.58               |                     | 24                  | 1        |
| 5               | QPSK       | 12      | 13        | 22.58               | 22.64                | 22.58               |                     |                     |          |
| 5               | QPSK       | 25      | 0         | 22.68               | 22.68                | 22.69               |                     |                     |          |
| 5               | 16QAM      | 1       | 0         | 22.68               | 22.68                | 22.69               |                     |                     |          |
| 5               | 16QAM      | 1       | 12        | 22.67               | 22.60                | 22.61               |                     | 24                  | 1        |
| 5               | 16QAM      | 1       | 24        | 22.73               | 23.14                | 23.13               |                     |                     |          |
| 5               | 16QAM      | 12      | 0         | 21.67               | 21.75                | 21.70               |                     |                     |          |
| 5               | 16QAM      | 12      | 7         | 21.60               | 21.68                | 21.68               |                     | 23                  | 2        |
| 5               | 16QAM      | 12      | 13        | 21.68               | 21.68                | 21.68               |                     |                     |          |
| 5               | 16QAM      | 25      | 0         | 21.58               | 21.67                | 21.65               |                     |                     |          |
| 5               | 16QAM      | 1       | 0         | 21.53               | 21.50                | 21.53               |                     |                     |          |
| 5               | 16QAM      | 1       | 12        | 22.06               | 22.10                | 21.73               |                     | 23                  | 2        |
| 5               | 16QAM      | 1       | 24        | 21.68               | 21.62                | 21.44               |                     |                     |          |
| 5               | 16QAM      | 12      | 0         | 20.77               | 20.73                | 20.85               |                     |                     |          |
| 5               | 16QAM      | 12      | 7         | 20.73               | 20.63                | 20.65               |                     | 22                  | 3        |
| 5               | 16QAM      | 12      | 13        | 20.67               | 20.62                | 20.65               |                     |                     |          |
| 5               | 16QAM      | 25      | 0         | 20.65               | 20.64                | 20.65               |                     |                     |          |
| 5               | 256QAM     | 1       | 0         | 18.90               | 18.93                | 18.95               |                     |                     |          |
| 5               | 256QAM     | 1       | 24        | 18.85               | 18.88                | 18.88               |                     | 20                  | 5        |
| 5               | 256QAM     | 12      | 0         | 18.75               | 18.85                | 18.83               |                     |                     |          |
| 5               | 256QAM     | 12      | 7         | 18.65               | 18.63                | 18.65               |                     | 20                  | 5        |
| 5               | 256QAM     | 12      | 13        | 18.68               | 18.62                | 18.65               |                     |                     |          |
| 5               | 256QAM     | 25      | 0         | 18.73               | 18.76                | 18.75               |                     |                     |          |
| Channel         |            |         |           |                     |                      |                     |                     |                     |          |
| Frequency (MHz) |            |         |           |                     |                      |                     |                     |                     |          |
| 1.4             | QPSK       | 1       | 0         | 23.56               | 23.53                | 23.55               |                     |                     |          |
| 1.4             | QPSK       | 1       | 5         | 23.55               | 23.55                | 23.55               |                     |                     |          |
| 1.4             | QPSK       | 1       | 5         | 23.71               | 23.65                | 23.58               |                     | 25                  | 0        |
| 1.4             | QPSK       | 3       | 0         | 23.53               | 23.57                | 23.53               |                     |                     |          |
| 1.4             | QPSK       | 3       | 1         | 23.60               | 23.67                | 23.55               |                     |                     |          |
| 1.4             | QPSK       | 3       | 5         | 23.58               | 23.63                | 23.57               |                     |                     |          |
| 1.4             | QPSK       | 3       | 5         | 23.64               | 23.58                | 23.61               |                     | 24                  | 1        |
| 1.4             | 16QAM      | 1       | 0         | 23.10               | 22.87                | 23.14               |                     |                     |          |
| 1.4             | 16QAM      | 1       | 5         | 23.10               | 22.87                | 22.88               |                     |                     |          |
| 1.4             | 16QAM      | 3       | 0         | 22.55               | 22.50                | 22.51               |                     | 24                  | 1        |
| 1.4             | 16QAM      | 3       | 1         | 22.45               | 22.48                | 22.50               |                     |                     |          |
| 1.4             | 16QAM      | 3       | 5         | 22.58               | 22.62                | 22.57               |                     |                     |          |
| 1.4             | 16QAM      | 6       | 0         | 21.68               | 21.56                | 21.57               |                     | 23                  | 2        |
| 1.4             | 16QAM      | 1       | 0         | 21.67               | 21.56                | 21.41               |                     |                     |          |
| 1.4             | 16QAM      | 1       | 5         | 21.65               | 21.51                | 21.57               |                     |                     |          |
| 1.4             | 16QAM      | 3       | 0         | 21.74               | 21.74                | 21.45               |                     | 23                  | 2        |
| 1.4             | 16QAM      | 3       | 1         | 21.68               | 21.43                | 21.74               |                     |                     |          |
| 1.4             | 16QAM      | 3       | 5         | 21.63               | 21.36                | 21.41               |                     |                     |          |
| 1.4             | 16QAM      | 6       | 0         | 20.33               | 20.57                | 20.49               |                     | 22                  | 3        |
| 1.4             | 256QAM     | 1       | 0         | 18.91               | 18.81                | 18.90               |                     |                     |          |
| 1.4             | 256QAM     | 1       | 5         | 18.90               | 18.88                | 18.92               |                     |                     |          |
| 1.4             | 256QAM     | 3       | 0         | 18.75               | 18.84                | 18.78               |                     | 20                  | 5        |
| 1.4             | 256QAM     | 3       | 5         | 18.60               | 18.86                | 18.82               |                     |                     |          |
| 1.4             | 256QAM     | 6       | 0         | 18.65               | 18.83                | 18.85               |                     |                     |          |
| 1.4             | 256QAM     | 6       | 5         | 18.53               | 18.85                | 18.87               |                     |                     |          |
| 1.4             | 256QAM     | 6       | 0         | 18.78               | 18.70                | 18.82               |                     | 20                  | 5        |

| Band 13_Ant 0   |            |         |           |                     |                      |                     |                     |                     |          |
|-----------------|------------|---------|-----------|---------------------|----------------------|---------------------|---------------------|---------------------|----------|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power High Ch./Freq. | Power Max Ch./Freq. | Power Min Ch./Freq. | Time-up limit (dBm) | MPR (dB) |
| Channel         |            |         |           |                     |                      |                     |                     |                     |          |
| Frequency (MHz) |            |         |           |                     |                      |                     |                     |                     |          |
| 10              | QPSK       | 1       | 0         | 23.16               | 24.41                | 23.48               |                     | 25                  | 0        |
| 10              | QPSK       | 1       | 25        | 23.62               | 23.61                | 23.61               |                     |                     |          |
| 10              | QPSK       | 1       | 49        | 23.57               | 23.59                | 23.67               |                     |                     |          |
| 10              | QPSK       | 25      | 0         | 22.87               | 22.88                | 22.81               |                     |                     |          |
| 10              | QPSK       | 25      | 12        | 22.89               | 22.80                | 22.88               |                     | 24                  | 1        |
| 10              | QPSK       | 25      | 13        | 22.88               | 22.89                | 22.89               |                     |                     |          |
| 10              | QPSK       | 50      | 0         | 22.83               | 22.88                | 22.82               |                     |                     |          |
| 10              | 16QAM      | 1       | 0         | 22.58               | 23.33                | 22.82               |                     |                     |          |
| 10              | 16QAM      | 1       | 12        | 22.59               | 23.13                | 23.38               |                     | 24                  | 1        |
| 10              | 16QAM      | 1       | 24        | 23.30               | 23.12                | 23.32               |                     |                     |          |
| 10              | 16QAM      | 12      | 0         | 21.62               | 21.60                | 21.60               |                     |                     |          |
| 10              | 16QAM      | 12      | 7         | 21.62               | 21.66                | 21.62               |                     | 23                  | 2        |
| 10              | 16QAM      | 12      | 13        | 21.58               | 21.66                | 21.60               |                     |                     |          |
| 10              | 16QAM      | 25      | 0         | 21.59               | 21.62                | 21.60               |                     |                     |          |
| 10              | 16QAM      | 1       | 0         | 22.12               | 22.11                | 22.18               |                     |                     |          |
| 10              | 16QAM      | 1       | 12        | 22.06               | 22.17                | 22.14               |                     | 23                  | 2        |
| 10              | 16QAM      | 1       | 24        | 22.15               | 21.73                | 22.13               |                     |                     |          |
| 10              | 16QAM      | 12      | 0         | 20.36               | 20.36                | 21.01               |                     |                     |          |
| 10              | 16QAM      | 12      | 7         | 20.37               | 20.38                | 20.65               |                     | 22                  | 3        |
| 10              | 16QAM      | 12      | 13        | 20.34               | 20.35                | 20.65               |                     |                     |          |
| 10              | 16QAM      | 25      | 0         | 20.37               | 20.39                | 20.60               |                     |                     |          |
| 10              | 256QAM     | 1       | 0         | 18.62               | 18.36                | 18.65               |                     | 20                  | 5        |
| 10              | 256QAM     | 1       | 12        | 18.36               | 18.37                | 18.62               |                     |                     |          |
| 10              | 256QAM     | 1       | 24        | 18.54               | 18.35                | 18.62               |                     |                     |          |
| 10              | 256QAM     | 12      | 0         | 18.63               | 18.84                | 18.37               |                     |                     |          |
| 10              | 256QAM     | 12      | 7         | 18.79               | 18.67                | 18.71               |                     | 20                  | 5        |
| 10              | 256QAM     | 12      | 13        | 18.65               | 18.36                | 18.75               |                     |                     |          |
| 10              | 256QAM     | 25      | 0         | 18.67               | 18.60                | 18.62               |                     |                     |          |

| Band 30_Ant 3   |            |         |           |                     |                      |                     |                     |                     |          |
|-----------------|------------|---------|-----------|---------------------|----------------------|---------------------|---------------------|---------------------|----------|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power High Ch./Freq. | Power Max Ch./Freq. | Power Min Ch./Freq. | Time-up limit (dBm) | MPR (dB) |
| Channel         |            |         |           |                     |                      |                     |                     |                     |          |
| Frequency (MHz) |            |         |           |                     |                      |                     |                     |                     |          |
| 10              | QPSK       | 1       | 0         | 22.16               | 22.16                | 22.16               |                     | 24                  | 0        |
| 10              | QPSK       | 1       | 25        | 22.76               | 22.76                | 22.76               |                     |                     |          |
| 10              | QPSK       | 1       | 49        | 22.40               | 22.40                | 22.40               |                     |                     |          |
| 10              | QPSK       | 25      | 0         | 21.62               | 21.62                | 21.62               |                     | 23                  | 1        |
| 10              | QPSK       | 25      | 12        | 21.62               | 21.62                | 21.62               |                     |                     |          |
| 10              | QPSK       | 25      | 25        | 21.75               | 21.75                | 21.75               |                     |                     |          |
| 10              | 16QAM      | 1       | 0         | 21.68               | 21.68                | 21.68               |                     | 23                  | 1        |
| 10              | 16QAM      | 1       | 25        | 22.09               | 22.09                | 22.09               |                     |                     |          |
| 10              | 16QAM      | 1       | 49        | 21.67               | 21.67                | 21.67               |                     |                     |          |
| 10              | 16QAM      | 25      | 0         | 20.74               | 20.74                | 20.74               |                     | 22                  | 2        |
| 10              | 16QAM      | 25      | 12        | 20.61               | 20.61                | 20.61               |                     |                     |          |
| 10              | 16QAM      | 25      | 25        | 20.60               | 20.60                | 20.60               |                     |                     |          |
| 10              | 16QAM      | 50      | 0         | 20.61               | 20.61                | 20.61               |                     | 21                  | 3        |
| 10              | 16QAM      | 1       | 0         | 20.75               | 20.75                | 20.75               |                     |                     |          |
| 10              | 16QAM      | 1       | 25        | 20.75               | 20.75                | 20.75               |                     |                     |          |
| 10              | 256QAM     | 1       | 0         | 17.79               | 17.79                | 17.79               |                     | 19                  | 5        |
| 10              | 256QAM     | 1       | 25        | 17.86               | 17.86                | 17.86               |                     |                     |          |
| 10              | 256QAM     | 1       | 49        | 17.86               | 17.86                | 17.86               |                     |                     |          |
| 10              | 256QAM     | 25      | 0         | 17.86               | 17.86                | 17.86               |                     | 19                  | 5        |
| 10              | 256QAM     | 25      | 12        | 17.86               | 17.86                | 17.86               |                     |                     |          |
| 10              | 256QAM     | 25      | 25        | 17.73               | 17.73                | 17.73               |                     |                     |          |
| 10              | 256QAM     | 50      | 0         | 17.71               | 17.71                | 17.71               |                     |                     |          |
| Channel         |            |         |           |                     |                      |                     |                     |                     |          |
| Frequency (MHz) |            |         |           |                     |                      |                     |                     |                     |          |
| 5               | QPSK       | 1       | 0         | 22.09               | 22.09                | 22.09               |                     | 24                  | 0        |
| 5               | QPSK       | 1       | 25        | 22.76               | 22.76                | 22.76               |                     |                     |          |
| 5               | QPSK       | 1       | 49        | 22.78               | 22.78                | 22.78               |                     |                     |          |
| 5               | QPSK       | 12      | 0         | 21.88               | 21.88                | 21.88               |                     | 23                  | 1        |
| 5               | QPSK       | 12      | 6         | 21.87               | 21.87                | 21.77               |                     |                     |          |
| 5               | QPSK       | 12      | 13        | 21.79               | 21.79                | 21.68               |                     |                     |          |
| 5               | QPSK       | 25      | 0         | 21.62               | 21.62                | 21.62               |                     | 23                  | 1        |
| 5               | 16QAM      | 6       | 0         | 21.67               | 21.67                | 21.68               |                     |                     |          |
| 5               | 16QAM      | 1       | 13        | 21.81               | 22.02                | 22.19               |                     |                     |          |
| 5               | 16QAM      | 12      | 0         | 21.75               | 22.07                | 22.18               |                     | 22                  | 2        |
| 5               | 16QAM      | 12      | 6         | 20.85               | 20.92                | 20.93               |                     |                     |          |
| 5               | 16QAM      | 12      | 13        | 20.95               | 20.86                | 20.84               |                     |                     |          |
| 5               | 16QAM      | 25      | 0         | 20.84               | 20.85                | 20.83               |                     | 21                  | 3        |
| 5               | 16QAM      | 25      | 6         | 20.82               | 20.74                | 20.82               |                     |                     |          |
| 5               | 16QAM      | 1       | 12        | 20.87               | 21.04                | 21.01               |                     |                     |          |
| 5               | 16QAM      | 12      | 24        | 19.88               | 19.87                | 19.88               |                     | 21                  | 3        |
| 5               | 16QAM      | 12      | 7         | 19.88               | 19.87                | 19.88               |                     |                     |          |
| 5               | 16QAM      | 12      | 15        | 19.86               | 19.82                | 19.78               |                     |                     |          |
| 5               | 16QAM      | 25      | 0         | 19.80               | 19.83                | 19.85               |                     |                     |          |
| 5               | 16QAM      | 1       | 12        | 17.89               | 17.74                | 17.79               |                     |                     |          |
| 5               | 256QAM     | 1       | 24        | 17.81               | 17.86                | 17.87               |                     |                     |          |
| 5               | 256QAM     | 12      | 7         | 17.83               | 17.79                | 17.71               |                     |                     |          |
| 5               | 256QAM     | 12      | 7         | 17.79               | 17.58                | 17.54               |                     | 19                  | 5        |
| 5               | 256QAM     | 12      | 15        | 17.66               | 17.66                | 17.66               |                     |                     |          |
| 5               | 256QAM     | 15      | 17        | 17.68               | 17.57                | 17.58               |                     |                     |          |

| Band 66_Ant 3   |            |         |           |                      |                      |                       |                    |          |  |  |  |  |
|-----------------|------------|---------|-----------|----------------------|----------------------|-----------------------|--------------------|----------|--|--|--|--|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq | Power Max Ch. / Freq | Power High Ch. / Freq | Turn-up time (min) | MPE (dB) |  |  |  |  |
| Channel         |            |         |           |                      |                      |                       |                    |          |  |  |  |  |
| Frequency (MHz) |            |         |           |                      |                      |                       |                    |          |  |  |  |  |
| 20              | QPSK       | 1       | 0         | 23.15                | 23.32                | 23.51                 | 25                 | 0        |  |  |  |  |
| 20              | QPSK       | 1       | 40        | 23.42                | 23.59                | 23.78                 |                    |          |  |  |  |  |
| 20              | QPSK       | 30      | 0         | 23.42                | 23.45                | 23.48                 |                    |          |  |  |  |  |
| 20              | QPSK       | 30      | 40        | 23.51                | 23.58                | 23.65                 |                    |          |  |  |  |  |
| 20              | QPSK       | 100     | 0         | 23.41                | 23.53                | 23.65                 |                    |          |  |  |  |  |
| 20              | 16QAM      | 1       | 0         | 23.24                | 23.29                | 23.35                 | 24                 | 1        |  |  |  |  |
| 20              | 16QAM      | 1       | 40        | 23.29                | 23.34                | 23.40                 |                    |          |  |  |  |  |
| 20              | 16QAM      | 30      | 0         | 23.24                | 23.26                | 23.28                 |                    |          |  |  |  |  |
| 20              | 16QAM      | 30      | 40        | 23.25                | 23.28                | 23.31                 |                    |          |  |  |  |  |
| 20              | 16QAM      | 100     | 0         | 23.17                | 23.24                | 23.31                 |                    |          |  |  |  |  |
| 20              | 16QAM      | 100     | 40        | 23.19                | 23.26                | 23.33                 | 23                 | 2        |  |  |  |  |
| 20              | 16QAM      | 30      | 0         | 23.24                | 23.26                | 23.28                 |                    |          |  |  |  |  |
| 20              | 16QAM      | 30      | 40        | 23.25                | 23.28                | 23.31                 |                    |          |  |  |  |  |
| 20              | 16QAM      | 100     | 0         | 23.18                | 23.26                | 23.34                 |                    |          |  |  |  |  |
| 20              | 16QAM      | 100     | 40        | 23.20                | 23.28                | 23.36                 |                    |          |  |  |  |  |
| 20              | 256QAM     | 1       | 0         | 18.61                | 18.69                | 18.75                 | 22                 | 3        |  |  |  |  |
| 20              | 256QAM     | 1       | 40        | 18.62                | 18.67                | 18.72                 |                    |          |  |  |  |  |
| 20              | 256QAM     | 1       | 80        | 18.73                | 18.71                | 18.70                 |                    |          |  |  |  |  |
| 20              | 256QAM     | 30      | 0         | 18.62                | 18.63                | 18.64                 |                    |          |  |  |  |  |
| 20              | 256QAM     | 30      | 40        | 18.63                | 18.64                | 18.65                 |                    |          |  |  |  |  |
| 20              | 256QAM     | 100     | 0         | 18.62                | 18.67                | 18.72                 | 20                 | 5        |  |  |  |  |
| 20              | 256QAM     | 100     | 40        | 18.63                | 18.68                | 18.73                 |                    |          |  |  |  |  |
| 20              | 256QAM     | 100     | 80        | 18.64                | 18.64                | 18.64                 |                    |          |  |  |  |  |
| 20              | 256QAM     | 30      | 0         | 18.64                | 18.67                | 18.70                 |                    |          |  |  |  |  |
| 20              | 256QAM     | 30      | 40        | 18.64                | 18.67                | 18.70                 |                    |          |  |  |  |  |
| 20              | 256QAM     | 100     | 0         | 18.62                | 18.67                | 18.72                 |                    |          |  |  |  |  |
| 20              | 256QAM     | 100     | 40        | 18.63                | 18.68                | 18.73                 |                    |          |  |  |  |  |
| Channel         |            |         |           |                      |                      |                       |                    |          |  |  |  |  |
| Frequency (MHz) |            |         |           |                      |                      |                       |                    |          |  |  |  |  |
| 15              | QPSK       | 1       | 0         | 23.43                | 23.61                | 23.79                 | 25                 | 0        |  |  |  |  |
| 15              | QPSK       | 1       | 37        | 23.22                | 23.44                | 23.65                 |                    |          |  |  |  |  |
| 15              | QPSK       | 30      | 0         | 23.43                | 23.45                | 23.47                 |                    |          |  |  |  |  |
| 15              | QPSK       | 30      | 0         | 23.54                | 23.55                | 23.57                 |                    |          |  |  |  |  |
| 15              | QPSK       | 30      | 40        | 23.47                | 23.48                | 23.49                 |                    |          |  |  |  |  |
| 15              | QPSK       | 30      | 20        | 23.47                | 23.48                | 23.49                 | 24                 | 1        |  |  |  |  |
| 15              | QPSK       | 30      | 30        | 23.38                | 23.37                | 23.36                 |                    |          |  |  |  |  |
| 15              | QPSK       | 70      | 0         | 23.50                | 23.52                | 23.53                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 1       | 0         | 23.49                | 23.50                | 23.51                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 1       | 37        | 23.58                | 23.70                | 23.79                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 1       | 74        | 23.56                | 23.55                | 23.54                 | 23                 | 2        |  |  |  |  |
| 15              | 16QAM      | 30      | 0         | 23.37                | 23.34                | 23.31                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 30      | 20        | 23.37                | 23.31                | 23.25                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 70      | 0         | 23.45                | 23.52                | 23.61                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 70      | 0         | 23.45                | 23.52                | 23.61                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 1       | 0         | 23.43                | 23.63                | 23.85                 | 23                 | 2        |  |  |  |  |
| 15              | 16QAM      | 1       | 37        | 23.59                | 23.83                | 24.07                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 1       | 74        | 23.41                | 23.31                | 23.20                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 30      | 0         | 23.45                | 23.50                | 23.55                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 30      | 20        | 23.45                | 23.33                | 23.22                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 30      | 30        | 23.45                | 23.30                | 23.15                 | 22                 | 3        |  |  |  |  |
| 15              | 16QAM      | 30      | 40        | 23.46                | 23.30                | 23.15                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 30      | 50        | 23.46                | 23.30                | 23.15                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 30      | 60        | 23.46                | 23.30                | 23.15                 |                    |          |  |  |  |  |
| 15              | 16QAM      | 30      | 70        | 23.46                | 23.30                | 23.15                 |                    |          |  |  |  |  |
| 15              | 256QAM     | 1       | 0         | 18.69                | 18.64                | 18.60                 | 20                 | 5        |  |  |  |  |
| 15              | 256QAM     | 1       | 37        | 18.72                | 18.69                | 18.66                 |                    |          |  |  |  |  |
| 15              | 256QAM     | 1       | 74        | 18.72                | 18.69                | 18.66                 |                    |          |  |  |  |  |
| 15              | 256QAM     | 30      | 0         | 18.69                | 18.63                | 18.57                 |                    |          |  |  |  |  |
| 15              | 256QAM     | 30      | 40        | 18.72                | 18.63                | 18.54                 |                    |          |  |  |  |  |
| 15              | 256QAM     | 100     | 0         | 18.62                | 18.67                | 18.72                 | 20                 | 5        |  |  |  |  |
| 15              | 256QAM     | 100     | 40        | 18.63                | 18.68                | 18.73                 |                    |          |  |  |  |  |
| 15              | 256QAM     | 100     | 80        | 18.64                | 18.64                | 18.64                 |                    |          |  |  |  |  |
| 15              | 256QAM     | 30      | 0         | 18.62                | 18.67                | 18.72                 |                    |          |  |  |  |  |
| 15              | 256QAM     | 30      | 40        | 18.63                | 18.68                | 18.73                 |                    |          |  |  |  |  |
| Channel         |            |         |           |                      |                      |                       |                    |          |  |  |  |  |
| Frequency (MHz) |            |         |           |                      |                      |                       |                    |          |  |  |  |  |
| 10              | QPSK       | 1       | 0         | 23.43                | 23.45                | 23.47                 | 25                 | 0        |  |  |  |  |
| 10              | QPSK       | 1       | 35        | 23.27                | 23.32                | 23.37                 |                    |          |  |  |  |  |
| 10              | QPSK       | 1       | 40        | 23.48                | 23.48                | 23.48                 |                    |          |  |  |  |  |
| 10              | QPSK       | 30      | 0         | 23.44                | 23.45                | 23.46                 |                    |          |  |  |  |  |
| 10              | QPSK       | 30      | 40        | 23.41                | 23.42                | 23.43                 |                    |          |  |  |  |  |
| 10              | QPSK       | 20      | 12        | 23.41                | 23.41                | 23.41                 | 23                 | 1        |  |  |  |  |
| 10              | QPSK       | 20      | 12        | 23.41                | 23.41                | 23.41                 |                    |          |  |  |  |  |
| 10              | QPSK       | 30      | 0         | 23.43                | 23.43                | 23.43                 |                    |          |  |  |  |  |
| 10              | QPSK       | 30      | 0         | 23.43                | 23.43                | 23.43                 |                    |          |  |  |  |  |
| 10              | QPSK       | 30      | 0         | 23.43                | 23.43                | 23.43                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 1       | 0         | 23.65                | 23.48                | 23.31                 | 24                 | 1        |  |  |  |  |
| 10              | 16QAM      | 1       | 0         | 23.71                | 23.44                | 23.16                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 1       | 40        | 23.83                | 23.70                | 23.57                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 30      | 0         | 23.71                | 23.44                | 23.16                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 30      | 40        | 23.83                | 23.70                | 23.57                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 20      | 12        | 23.42                | 23.28                | 23.14                 | 23                 | 2        |  |  |  |  |
| 10              | 16QAM      | 20      | 12        | 23.42                | 23.28                | 23.14                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 20      | 12        | 23.42                | 23.28                | 23.14                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 20      | 12        | 23.42                | 23.28                | 23.14                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 20      | 12        | 23.42                | 23.28                | 23.14                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 25      | 25        | 23.42                | 23.27                | 23.12                 | 23                 | 2        |  |  |  |  |
| 10              | 16QAM      | 25      | 25        | 23.42                | 23.27                | 23.12                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 25      | 25        | 23.42                | 23.27                | 23.12                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 25      | 25        | 23.42                | 23.27                | 23.12                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 25      | 25        | 23.42                | 23.27                | 23.12                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 20      | 12        | 23.42                | 23.28                | 23.14                 | 23                 | 2        |  |  |  |  |
| 10              | 16QAM      | 20      | 12        | 23.42                | 23.28                | 23.14                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 20      | 12        | 23.42                | 23.28                | 23.14                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 20      | 12        | 23.42                | 23.28                | 23.14                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 20      | 12        | 23.42                | 23.28                | 23.14                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 25      | 25        | 23.42                | 23.27                | 23.12                 | 22                 | 3        |  |  |  |  |
| 10              | 16QAM      | 25      | 25        | 23.42                | 23.27                | 23.12                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 25      | 25        | 23.42                | 23.27                | 23.12                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 25      | 25        | 23.42                | 23.27                | 23.12                 |                    |          |  |  |  |  |
| 10              | 16QAM      | 25      | 25        | 23.42                | 23.27                | 23.12                 |                    |          |  |  |  |  |
| 10              | 256QAM     | 1       | 0         | 18.69                | 18.54                | 18.40                 | 20                 | 5        |  |  |  |  |
| 10              | 256QAM     | 1       | 40        | 18.65                | 18.52                | 18.39                 |                    |          |  |  |  |  |
| 10              | 256QAM     | 1       | 80        | 18.65                | 18.52                | 18.39                 |                    |          |  |  |  |  |
| 10              | 256QAM     | 30      | 0         | 18.65                | 18.50                | 18.35                 |                    |          |  |  |  |  |
| 10              | 256QAM     | 30      | 40        | 18.62                | 18.44                | 18.26                 |                    |          |  |  |  |  |
| 10              | 256QAM     | 100     | 0         | 18.62                | 18.46                | 18.30                 | 20                 | 5        |  |  |  |  |
| 10              | 256QAM     | 100     | 40        | 18.63                | 18.47                | 18.31                 |                    |          |  |  |  |  |
| 10              | 256QAM     | 100     | 80        | 18.64                | 18.44                | 18.24                 |                    |          |  |  |  |  |
| 10              | 256QAM     | 30      | 0         | 18.62                | 18.46                | 18.30                 |                    |          |  |  |  |  |
| 10              | 256QAM     | 30      | 40        | 18.63                | 18.46                | 18.30                 |                    |          |  |  |  |  |
| Channel         |            |         |           |                      |                      |                       |                    |          |  |  |  |  |
| Frequency (MHz) |            |         |           |                      |                      |                       |                    |          |  |  |  |  |
| 5               | QPSK       | 1       | 0         | 23.43                | 23.44                | 23.45                 | 25                 | 0        |  |  |  |  |
| 5               | QPSK       | 1       | 10        | 23.32                | 23.41                | 23.50                 |                    |          |  |  |  |  |
| 5               | QPSK       | 1       | 24        | 23.60                | 23.40                | 23.20                 |                    |          |  |  |  |  |
| 5               | QPSK       | 30      | 0         | 23.43                | 23.43                | 23.43                 |                    |          |  |  |  |  |
| 5               | QPSK       | 30      | 0         | 23.43                | 23.43                | 23.43                 |                    |          |  |  |  |  |
| 5               | QPSK       | 12      | 7         | 23.49                | 23.38                | 23.24                 | 24                 | 1        |  |  |  |  |
| 5               | QPSK       | 12      | 15        | 23.40                | 23.34                | 23.24                 |                    |          |  |  |  |  |
| 5               | QPSK       | 30      | 0         | 23.47                | 23.48                | 23.49                 | 23                 | 2        |  |  |  |  |
| 5               | QPSK       | 30      | 0         | 23.58                | 23.59                | 23.60                 |                    |          |  |  |  |  |
| 5               | QPSK       | 1       | 10        | 23.32                | 23.69                | 23.88                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 1       | 0         | 23.53                | 23.32                | 23.11                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 1       | 24        | 23.81                | 23.49                | 23.17                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 1       | 48        | 23.81                | 23.49                | 23.17                 | 23                 | 2        |  |  |  |  |
| 5               | 16QAM      | 12      | 7         | 23.49                | 23.38                | 23.24                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 12      | 15        | 23.40                | 23.31                | 23.22                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 30      | 0         | 23.43                | 23.43                | 23.43                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 30      | 0         | 23.43                | 23.43                | 23.43                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 1       | 0         | 23.71                | 23.44                | 23.17                 | 23                 | 2        |  |  |  |  |
| 5               | 16QAM      | 1       | 24        | 23.71                | 23.44                | 23.17                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 1       | 48        | 23.71                | 23.44                | 23.17                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 12      | 7         | 23.49                | 23.35                | 23.21                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 12      | 15        | 23.40                | 23.31                | 23.22                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 30      | 0         | 23.43                | 23.43                | 23.43                 | 22                 | 3        |  |  |  |  |
| 5               | 16QAM      | 30      | 0         | 23.43                | 23.43                | 23.43                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 30      | 0         | 23.43                | 23.43                | 23.43                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 30      | 0         | 23.43                | 23.43                | 23.43                 |                    |          |  |  |  |  |
| 5               | 16QAM      | 30      | 0         | 23.43                | 23.43                | 23.43                 |                    |          |  |  |  |  |
| 5               | 256QAM     | 1       | 0         | 18.69                | 18.50                | 18.32                 | 20                 | 5        |  |  |  |  |
| 5               | 256QAM     | 1       | 10        | 18.64                | 18.42                | 18.20                 |                    |          |  |  |  |  |
| 5               | 256QAM     | 1       | 24        | 18.61                | 18.39                | 18.18                 |                    |          |  |  |  |  |
| 5               | 256QAM     | 30      | 0         | 18.67                | 18.43                | 18.22                 |                    |          |  |  |  |  |
| 5               | 256QAM     | 30      | 40        | 18.67                | 18.45                | 18.24                 |                    |          |  |  |  |  |
| 5               | 256QAM     | 100     | 0         | 18.62                | 18.43                | 18.25                 | 20                 | 5        |  |  |  |  |
| 5               | 256QAM     | 100     | 40        | 18.63                | 18.44                | 18.26                 |                    |          |  |  |  |  |
| 5               | 256QAM     | 100     | 80        | 18.64                | 18.41                | 18.23                 |                    |          |  |  |  |  |
| 5               | 256QAM     | 30      | 0         | 18.62                | 18.43                | 18.25                 |                    |          |  |  |  |  |
| 5               | 256QAM     | 30      | 40        | 18.63                | 18.44                | 18.26                 |                    |          |  |  |  |  |
| Channel         |            |         |           |                      |                      |                       |                    |          |  |  |  |  |
| Frequency (MHz) |            |         |           |                      |                      |                       |                    |          |  |  |  |  |
| 1.4             | QPSK       | 1       | 0         | 23.43                | 23.44                | 23.45                 | 25                 | 0        |  |  |  |  |
| 1.4             | QPSK       | 1       | 3         | 23.48                | 23.45                | 23.41                 |                    |          |  |  |  |  |
| 1.4             | QPSK       | 1       | 33        | 23.54                | 23.42                | 23.34                 |                    |          |  |  |  |  |
| 1.4             | QPSK       | 3       | 0         | 23.31                | 23.35                | 23.38                 |                    |          |  |  |  |  |
| 1.4             | QPSK       | 3       | 1         | 23.49                | 23.22                | 23.54                 |                    |          |  |  |  |  |
| 1.4             | QPSK       | 3       | 1         | 23.49                | 23.22                | 23.54                 | 24                 | 1        |  |  |  |  |
| 1.4             | QPSK       | 3       | 1         | 23.49                | 23.22                | 23.54                 |                    |          |  |  |  |  |
| 1.4             | QPSK       | 6       | 0         | 23.25                | 23.25                | 23.25                 |                    |          |  |  |  |  |
| 1.4             | QPSK       | 6       | 0         | 23.25                | 23.25                | 23.25                 |                    |          |  |  |  |  |
| 1.4             | QPSK       | 6       | 0         | 23.25                | 23.25                | 23.25                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 1       | 0         | 23.80                | 23.69                | 23.63                 | 23                 | 2        |  |  |  |  |
| 1.4             | 16QAM      | 1       | 3         | 23.84                | 23.70                | 23.56                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 1       | 3         | 23.84                | 23.70                | 23.56                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 3       | 0         | 23.26                | 23.21                | 23.12                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.29                | 23.21                | 23.12                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.29                | 23.21                | 23.12                 | 22                 | 3        |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.29                | 23.21                | 23.12                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.29                | 23.21                | 23.12                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.29                | 23.21                | 23.12                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.29                | 23.21                | 23.12                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 6       | 0         | 23.47                | 23.38                | 23.43                 | 20                 | 5        |  |  |  |  |
| 1.4             | 16QAM      | 6       | 0         | 23.47                | 23.38                | 23.43                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 6       | 0         | 23.47                | 23.38                | 23.43                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 6       | 0         | 23.47                | 23.38                | 23.43                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 6       | 0         | 23.47                | 23.38                | 23.43                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.26                | 23.21                | 23.12                 | 23                 | 2        |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.26                | 23.21                | 23.12                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.26                | 23.21                | 23.12                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.26                | 23.21                | 23.12                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.26                | 23.21                | 23.12                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.26                | 23.21                | 23.12                 | 22                 | 3        |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.26                | 23.21                | 23.12                 |                    |          |  |  |  |  |
| 1.4             | 16QAM      | 3       | 1         | 23.26                | 23.21                | 23.12                 |                    |          |  |  |  |  |
| 1.4             |            |         |           |                      |                      |                       |                    |          |  |  |  |  |

| n2_Ant 3        |            |         |           |                            |                               |                             |                        |             |  |
|-----------------|------------|---------|-----------|----------------------------|-------------------------------|-----------------------------|------------------------|-------------|--|
| RF (MHz)        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq | Power<br>Middle<br>Ch. / Freq | Power<br>High<br>Ch. / Freq | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 374000                     | 376000                        | 378000                      |                        |             |  |
| Frequency (MHz) |            |         |           | 1870                       | 1880                          | 1890                        |                        |             |  |
| 40              | PV2 BPSK   | 1       | 1         | 23.66                      | 23.71                         | 23.83                       |                        |             |  |
| 40              | PV2 BPSK   | 1       | 108       | 23.47                      | 23.54                         | 23.50                       | 25.0                   | 0.0         |  |
| 40              | PV2 BPSK   | 1       | 214       | 23.51                      | 23.60                         | 23.60                       |                        |             |  |
| 40              | PV2 BPSK   | 108     | 0         | 23.02                      | 23.17                         | 23.14                       | 24.5                   | 0.5         |  |
| 40              | PV2 BPSK   | 108     | 84        | 23.66                      | 23.68                         | 23.55                       | 25.0                   | 0.0         |  |
| 40              | PV2 BPSK   | 108     | 108       | 23.13                      | 23.27                         | 23.08                       |                        |             |  |
| 40              | PV2 BPSK   | 216     | 0         | 23.21                      | 23.24                         | 23.10                       | 24.5                   | 0.5         |  |
| 40              | QPSK       | 1       | 1         | 23.69                      | 23.74                         | 23.63                       |                        |             |  |
| 40              | QPSK       | 1       | 108       | 23.59                      | 23.64                         | 23.62                       | 25.0                   | 0.0         |  |
| 40              | QPSK       | 1       | 214       | 23.51                      | 23.63                         | 23.49                       |                        |             |  |
| 40              | QPSK       | 108     | 0         | 22.97                      | 22.84                         | 22.81                       | 24.0                   | 1.0         |  |
| 40              | QPSK       | 108     | 84        | 22.58                      | 22.66                         | 22.50                       | 25.0                   | 0.0         |  |
| 40              | QPSK       | 108     | 108       | 22.83                      | 22.70                         | 22.58                       | 24.0                   | 1.0         |  |
| 40              | QPSK       | 216     | 0         | 22.54                      | 22.68                         | 22.59                       |                        |             |  |
| 40              | 16QAM      | 1       | 1         | 22.48                      | 22.31                         | 22.35                       | 24.0                   | 1.0         |  |
| 40              | 64QAM      | 1       | 1         | 21.00                      | 20.86                         | 20.91                       | 22.5                   | 2.5         |  |
| 40              | 256QAM     | 1       | 1         | 19.38                      | 19.41                         | 19.38                       | 20.5                   | 4.5         |  |
| Channel         |            |         |           | 372500                     | 376000                        | 378500                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1867.5                     | 1880                          | 1892.5                      |                        |             |  |
| 35              | QPSK       | 1       | 1         | 23.67                      | 23.54                         | 23.53                       | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 373000                     | 376000                        | 379000                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1864                       | 1880                          | 1894                        |                        |             |  |
| 30              | QPSK       | 1       | 1         | 23.55                      | 23.56                         | 23.61                       | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 372500                     | 376000                        | 379500                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1862.5                     | 1880                          | 1897.5                      |                        |             |  |
| 25              | QPSK       | 1       | 1         | 23.62                      | 23.53                         | 23.43                       | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 372000                     | 376000                        | 380000                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1860                       | 1880                          | 1900                        |                        |             |  |
| 20              | QPSK       | 1       | 1         | 23.66                      | 23.59                         | 23.52                       | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 371500                     | 376000                        | 380500                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1857.5                     | 1880                          | 1902.5                      |                        |             |  |
| 15              | QPSK       | 1       | 1         | 23.61                      | 23.52                         | 23.57                       | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 371000                     | 376000                        | 381000                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1855                       | 1880                          | 1905                        |                        |             |  |
| 10              | QPSK       | 1       | 1         | 23.54                      | 23.45                         | 23.55                       | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 370500                     | 376000                        | 381500                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1852.5                     | 1880                          | 1907.5                      |                        |             |  |
| 5               | QPSK       | 1       | 1         | 23.60                      | 23.48                         | 23.55                       | 25.0                   | 0.0         |  |

| n2_Ant 2(ENDC)  |            |         |           |                            |                               |                             |                        |             |  |
|-----------------|------------|---------|-----------|----------------------------|-------------------------------|-----------------------------|------------------------|-------------|--|
| RF (MHz)        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq | Power<br>Middle<br>Ch. / Freq | Power<br>High<br>Ch. / Freq | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 374000                     | 376000                        | 378000                      |                        |             |  |
| Frequency (MHz) |            |         |           | 1870                       | 1880                          | 1890                        |                        |             |  |
| 40              | PV2 BPSK   | 1       | 1         | 22.27                      | 22.37                         | 22.28                       |                        |             |  |
| 40              | PV2 BPSK   | 1       | 108       | 22.23                      | 22.35                         | 22.23                       | 24.0                   | 0.0         |  |
| 40              | PV2 BPSK   | 1       | 214       | 22.19                      | 22.29                         | 22.16                       |                        |             |  |
| 40              | PV2 BPSK   | 108     | 0         | 21.72                      | 21.87                         | 21.75                       | 23.5                   | 0.5         |  |
| 40              | PV2 BPSK   | 108     | 84        | 22.14                      | 22.27                         | 22.17                       | 24.0                   | 0.0         |  |
| 40              | PV2 BPSK   | 108     | 108       | 21.84                      | 21.93                         | 21.90                       |                        |             |  |
| 40              | PV2 BPSK   | 216     | 0         | 21.74                      | 21.89                         | 21.82                       | 23.5                   | 0.5         |  |
| 40              | QPSK       | 1       | 1         | 22.35                      | 22.44                         | 22.39                       |                        |             |  |
| 40              | QPSK       | 1       | 108       | 22.25                      | 22.34                         | 22.26                       | 24.0                   | 0.0         |  |
| 40              | QPSK       | 1       | 214       | 22.19                      | 22.26                         | 22.21                       |                        |             |  |
| 40              | QPSK       | 108     | 0         | 21.31                      | 21.38                         | 21.21                       | 23.0                   | 1.0         |  |
| 40              | QPSK       | 108     | 84        | 22.31                      | 22.43                         | 22.34                       | 24.0                   | 0.0         |  |
| 40              | QPSK       | 108     | 108       | 21.40                      | 21.42                         | 21.27                       | 23.0                   | 1.0         |  |
| 40              | QPSK       | 216     | 0         | 21.35                      | 21.39                         | 21.32                       |                        |             |  |
| 40              | 16QAM      | 1       | 1         | 21.04                      | 21.04                         | 21.02                       | 23.0                   | 1.0         |  |
| 40              | 64QAM      | 1       | 1         | 19.60                      | 19.60                         | 19.59                       | 21.5                   | 2.5         |  |
| 40              | 256QAM     | 1       | 1         | 18.28                      | 18.23                         | 18.32                       | 19.5                   | 4.5         |  |
| Channel         |            |         |           | 372500                     | 376000                        | 378500                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1867.5                     | 1880                          | 1892.5                      |                        |             |  |
| 35              | QPSK       | 1       | 1         | 22.17                      | 22.25                         | 22.16                       | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 373000                     | 376000                        | 379000                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1864                       | 1880                          | 1894                        |                        |             |  |
| 30              | QPSK       | 1       | 1         | 22.16                      | 22.31                         | 22.18                       | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 372500                     | 376000                        | 379500                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1862.5                     | 1880                          | 1897.5                      |                        |             |  |
| 25              | QPSK       | 1       | 1         | 22.14                      | 22.27                         | 22.23                       | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 372000                     | 376000                        | 380000                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1860                       | 1880                          | 1900                        |                        |             |  |
| 20              | QPSK       | 1       | 1         | 22.16                      | 22.25                         | 22.22                       | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 371500                     | 376000                        | 380500                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1857.5                     | 1880                          | 1902.5                      |                        |             |  |
| 15              | QPSK       | 1       | 1         | 22.24                      | 22.25                         | 22.17                       | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 371000                     | 376000                        | 381000                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1855                       | 1880                          | 1905                        |                        |             |  |
| 10              | QPSK       | 1       | 1         | 22.25                      | 22.22                         | 22.19                       | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 370500                     | 376000                        | 381500                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1852.5                     | 1880                          | 1907.5                      |                        |             |  |
| 5               | QPSK       | 1       | 1         | 22.27                      | 22.23                         | 22.14                       | 24.0                   | 0.0         |  |

| n5_Ant 0        |            |         |           |                            |                               |                             |                        |             |  |
|-----------------|------------|---------|-----------|----------------------------|-------------------------------|-----------------------------|------------------------|-------------|--|
| RF (MHz)        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq | Power<br>Middle<br>Ch. / Freq | Power<br>High<br>Ch. / Freq | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 167300                     |                               |                             |                        |             |  |
| Frequency (MHz) |            |         |           | 836.5                      |                               |                             |                        |             |  |
| 25              | PV2 BPSK   | 1       | 1         |                            | 23.79                         |                             |                        |             |  |
| 25              | PV2 BPSK   | 1       | 65        |                            | 23.72                         |                             | 25.0                   | 0.0         |  |
| 25              | PV2 BPSK   | 1       | 131       |                            | 23.70                         |                             |                        |             |  |
| 25              | PV2 BPSK   | 64      | 0         |                            | 23.18                         |                             | 24.5                   | 0.5         |  |
| 25              | PV2 BPSK   | 64      | 32        |                            | 23.61                         |                             | 25.0                   | 0.0         |  |
| 25              | PV2 BPSK   | 64      | 66        |                            | 23.29                         |                             | 24.5                   | 0.5         |  |
| 25              | PV2 BPSK   | 128     | 0         |                            | 23.27                         |                             |                        |             |  |
| 25              | QPSK       | 1       | 1         |                            | 23.82                         |                             |                        |             |  |
| 25              | QPSK       | 1       | 65        |                            | 23.73                         |                             | 25.0                   | 0.0         |  |
| 25              | QPSK       | 1       | 131       |                            | 23.70                         |                             |                        |             |  |
| 25              | QPSK       | 64      | 0         |                            | 22.71                         |                             | 24.0                   | 1.0         |  |
| 25              | QPSK       | 64      | 32        |                            | 23.76                         |                             | 25.0                   | 0.0         |  |
| 25              | QPSK       | 64      | 66        |                            | 22.80                         |                             | 24.0                   | 1.0         |  |
| 25              | QPSK       | 128     | 0         |                            | 22.77                         |                             |                        |             |  |
| 25              | 16QAM      | 1       | 1         |                            | 22.41                         |                             | 24.0                   | 1.0         |  |
| 25              | 64QAM      | 1       | 1         |                            | 20.98                         |                             | 22.5                   | 2.5         |  |
| 25              | 256QAM     | 1       | 1         |                            | 19.61                         |                             | 20.5                   | 4.5         |  |
| Channel         |            |         |           | 166800                     | 167300                        | 167800                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 834                        | 836.5                         | 839                         |                        |             |  |
| 20              | QPSK       | 1       | 1         | 23.62                      | 23.77                         | 23.60                       | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 166300                     | 167300                        | 168300                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 831.5                      | 836.5                         | 841.5                       |                        |             |  |
| 15              | QPSK       | 1       | 1         | 23.67                      | 23.75                         | 23.58                       | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 165800                     | 167300                        | 168800                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 829                        | 836.5                         | 844                         |                        |             |  |
| 10              | QPSK       | 1       | 1         | 23.61                      | 23.81                         | 23.62                       | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 165300                     | 167300                        | 169300                      | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 836.5                      | 836.5                         | 846.5                       |                        |             |  |
| 5               | QPSK       | 1       | 1         | 23.71                      | 23.76                         | 23.57                       | 25.0                   | 0.0         |  |

| n25_Ant 3       |            |         |           |                             |                                |                              |                        |             |  |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|-------------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 374000                      | 376000                         | 378000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1870                        | 1882.5                         | 1895                         |                        |             |  |
| 40              | PI2 BPSK   | 1       | 1         | 23.54                       | 23.61                          | 23.50                        |                        |             |  |
| 40              | PI2 BPSK   | 1       | 108       | 23.48                       | 23.58                          | 23.47                        | 25.0                   | 0.0         |  |
| 40              | PI2 BPSK   | 1       | 214       | 23.48                       | 23.60                          | 23.58                        |                        |             |  |
| 40              | PI2 BPSK   | 108     | 0         | 22.98                       | 23.11                          | 22.99                        | 24.5                   | 0.5         |  |
| 40              | PI2 BPSK   | 108     | 54        | 23.42                       | 23.45                          | 23.40                        | 25.0                   | 0.0         |  |
| 40              | PI2 BPSK   | 108     | 108       | 23.05                       | 23.10                          | 22.95                        |                        |             |  |
| 40              | PI2 BPSK   | 216     | 0         | 23.04                       | 23.14                          | 23.11                        | 24.5                   | 0.5         |  |
| 40              | QPSK       | 1       | 1         | 23.55                       | 23.62                          | 23.52                        |                        |             |  |
| 40              | QPSK       | 1       | 108       | 23.47                       | 23.52                          | 23.48                        | 25.0                   | 0.0         |  |
| 40              | QPSK       | 1       | 214       | 23.51                       | 23.56                          | 23.48                        |                        |             |  |
| 40              | QPSK       | 108     | 0         | 22.55                       | 22.55                          | 22.40                        | 24.0                   | 1.0         |  |
| 40              | QPSK       | 108     | 54        | 22.52                       | 22.57                          | 22.42                        | 25.0                   | 0.5         |  |
| 40              | QPSK       | 108     | 108       | 22.58                       | 22.59                          | 22.47                        | 24.0                   | 1.0         |  |
| 40              | QPSK       | 216     | 0         | 22.36                       | 22.61                          | 22.56                        |                        |             |  |
| 40              | 16QAM      | 1       | 1         | 22.31                       | 22.20                          | 22.22                        | 24.0                   | 1.0         |  |
| 40              | 64QAM      | 1       | 1         | 20.82                       | 20.71                          | 20.74                        | 22.5                   | 2.5         |  |
| 40              | 256QAM     | 1       | 1         | 18.32                       | 18.33                          | 18.32                        | 20.5                   | 4.5         |  |
| Channel         |            |         |           | 372000                      | 374000                         | 376000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1867.5                      | 1882.5                         | 1897.5                       |                        |             |  |
| 35              | QPSK       | 1       | 1         | 23.49                       | 23.42                          | 23.48                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 373000                      | 376000                         | 380000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1865                        | 1882.5                         | 1900                         |                        |             |  |
| 30              | QPSK       | 1       | 1         | 23.47                       | 23.45                          | 23.38                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 372000                      | 376000                         | 380000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1867.5                      | 1882.5                         | 1900                         |                        |             |  |
| 25              | QPSK       | 1       | 1         | 23.45                       | 23.59                          | 23.40                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 372000                      | 376000                         | 381000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1860                        | 1882.5                         | 1905                         |                        |             |  |
| 20              | QPSK       | 1       | 1         | 23.45                       | 23.36                          | 23.33                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 371500                      | 376000                         | 381000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1867.5                      | 1882.5                         | 1907.5                       |                        |             |  |
| 15              | QPSK       | 1       | 1         | 23.52                       | 23.36                          | 23.38                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 371000                      | 376000                         | 382000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1865                        | 1882.5                         | 1910                         |                        |             |  |
| 10              | QPSK       | 1       | 1         | 23.45                       | 23.38                          | 23.34                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 370500                      | 376000                         | 382000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1862.5                      | 1882.5                         | 1912.5                       |                        |             |  |
| 5               | QPSK       | 1       | 1         | 23.32                       | 23.37                          | 23.35                        | 25.0                   | 0.0         |  |

| n66_Ant 3       |            |         |           |                             |                                |                              |                        |             |  |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|-------------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 346000                      | 348000                         | 350000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1732.5                      | 1745                           | 1757.5                       |                        |             |  |
| 45              | PI2 BPSK   | 1       | 1         | 24.30                       | 24.83                          | 24.66                        |                        |             |  |
| 45              | PI2 BPSK   | 1       | 122       | 24.31                       | 24.73                          | 24.63                        | 25.0                   | 0.0         |  |
| 45              | PI2 BPSK   | 1       | 243       | 23.93                       | 24.31                          | 24.13                        |                        |             |  |
| 45              | PI2 BPSK   | 120     | 0         | 23.78                       | 24.22                          | 24.05                        | 24.5                   | 0.5         |  |
| 45              | PI2 BPSK   | 120     | 60        | 24.09                       | 24.44                          | 24.28                        | 25.0                   | 0.0         |  |
| 45              | PI2 BPSK   | 120     | 122       | 24.07                       | 24.42                          | 24.17                        |                        |             |  |
| 45              | PI2 BPSK   | 243     | 0         | 24.01                       | 24.41                          | 24.31                        | 24.5                   | 0.5         |  |
| 45              | QPSK       | 1       | 1         | 24.45                       | 24.87                          | 24.83                        |                        |             |  |
| 45              | QPSK       | 1       | 122       | 24.38                       | 24.79                          | 24.59                        | 25.0                   | 0.0         |  |
| 45              | QPSK       | 1       | 243       | 23.42                       | 23.79                          | 23.62                        |                        |             |  |
| 45              | QPSK       | 120     | 0         | 23.25                       | 23.67                          | 23.44                        | 24.0                   | 1.0         |  |
| 45              | QPSK       | 120     | 60        | 24.41                       | 24.81                          | 24.36                        | 25.0                   | 0.5         |  |
| 45              | QPSK       | 120     | 122       | 23.49                       | 23.90                          | 23.74                        | 24.0                   | 1.0         |  |
| 45              | QPSK       | 243     | 0         | 23.48                       | 23.86                          | 23.69                        |                        |             |  |
| 45              | 16QAM      | 1       | 1         | 22.97                       | 23.19                          | 23.31                        | 24.0                   | 1.0         |  |
| 45              | 64QAM      | 1       | 1         | 21.48                       | 21.72                          | 21.82                        | 22.5                   | 2.5         |  |
| 45              | 256QAM     | 1       | 1         | 20.13                       | 20.32                          | 20.43                        | 20.5                   | 4.5         |  |
| Channel         |            |         |           | 345000                      | 348000                         | 352000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1730                        | 1745                           | 1760                         |                        |             |  |
| 40              | QPSK       | 1       | 1         | 24.30                       | 24.73                          | 24.60                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 345000                      | 349000                         | 352000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1727.5                      | 1745                           | 1765                         |                        |             |  |
| 35              | QPSK       | 1       | 1         | 24.41                       | 24.81                          | 24.66                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 345000                      | 349000                         | 353000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1725                        | 1745                           | 1765                         |                        |             |  |
| 30              | QPSK       | 1       | 1         | 24.34                       | 24.72                          | 24.65                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 345000                      | 349000                         | 355000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1722.5                      | 1745                           | 1767.5                       |                        |             |  |
| 25              | QPSK       | 1       | 1         | 24.37                       | 24.85                          | 24.65                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 345000                      | 349000                         | 356000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1720                        | 1745                           | 1770                         |                        |             |  |
| 20              | QPSK       | 1       | 1         | 24.32                       | 24.77                          | 24.58                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 345000                      | 349000                         | 357000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1717.5                      | 1745                           | 1772.5                       |                        |             |  |
| 15              | QPSK       | 1       | 1         | 24.33                       | 24.76                          | 24.61                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 343000                      | 349000                         | 350000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1715                        | 1745                           | 1775                         |                        |             |  |
| 10              | QPSK       | 1       | 1         | 24.38                       | 24.86                          | 24.61                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 342000                      | 349000                         | 351000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1712.5                      | 1745                           | 1777.5                       |                        |             |  |
| 5               | QPSK       | 1       | 1         | 24.34                       | 24.80                          | 24.54                        | 25.0                   | 0.0         |  |

| n66_Ant 2(ENDC) |            |         |           |                          |                             |                           |                        |             |     |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|-------------|-----|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dbm) | MPR<br>(db) |     |
| Channel         |            |         |           | 346500                   | 348000                      | 351500                    |                        |             |     |
| Frequency (MHz) |            |         |           | 1732.5                   | 1745                        | 1757.5                    |                        |             |     |
| 45              | PI2 BPSK   | 1       | 1         | 22.33                    | 22.45                       | 22.38                     |                        |             |     |
| 45              | PI2 BPSK   | 1       | 122       | 22.25                    | 22.39                       | 22.38                     | 24.0                   | 0.0         | 0.0 |
| 45              | PI2 BPSK   | 1       | 243       | 22.22                    | 22.32                       | 22.21                     |                        |             |     |
| 45              | PI2 BPSK   | 120     | 0         | 21.92                    | 22.00                       | 21.99                     | 23.5                   | 0.5         | 0.5 |
| 45              | PI2 BPSK   | 120     | 60        | 22.22                    | 22.37                       | 22.37                     | 24.0                   | 0.0         | 0.0 |
| 45              | PI2 BPSK   | 120     | 122       | 21.79                    | 21.92                       | 21.82                     |                        |             |     |
| 45              | PI2 BPSK   | 243     | 0         | 21.81                    | 21.96                       | 21.83                     | 23.5                   | 0.5         | 0.5 |
| 45              | QPSK       | 1       | 1         | 22.45                    | 22.49                       | 22.37                     |                        |             |     |
| 45              | QPSK       | 1       | 122       | 22.32                    | 22.39                       | 22.31                     | 24.0                   | 0.0         | 0.0 |
| 45              | QPSK       | 1       | 243       | 22.29                    | 22.34                       | 22.21                     |                        |             |     |
| 45              | QPSK       | 120     | 0         | 21.50                    | 21.51                       | 21.48                     | 23.0                   | 1.0         | 1.0 |
| 45              | QPSK       | 120     | 60        | 22.44                    | 22.48                       | 22.36                     | 24.0                   | 0.5         | 0.5 |
| 45              | QPSK       | 120     | 122       | 21.42                    | 21.45                       | 21.45                     | 23.0                   | 1.0         | 1.0 |
| 45              | QPSK       | 243     | 0         | 21.42                    | 21.46                       | 21.40                     |                        |             |     |
| 45              | 16QAM      | 1       | 1         | 21.09                    | 21.16                       | 21.12                     | 23.0                   | 1.0         | 1.0 |
| 45              | 64QAM      | 1       | 1         | 19.67                    | 19.75                       | 19.73                     | 21.5                   | 2.5         | 2.5 |
| 45              | 256QAM     | 1       | 1         | 18.32                    | 18.38                       | 18.34                     | 19.5                   | 4.5         | 4.5 |
| Channel         |            |         |           | 345000                   | 348000                      | 352000                    |                        |             |     |
| Frequency (MHz) |            |         |           | 1730                     | 1745                        | 1760                      |                        |             |     |
| 40              | QPSK       | 1       | 1         | 22.38                    | 22.41                       | 22.33                     | 24.0                   | 0.0         | 0.0 |
| Channel         |            |         |           | 345000                   | 349000                      | 352000                    |                        |             |     |
| Frequency (MHz) |            |         |           | 1727.5                   | 1745                        | 1762.5                    | Tune-up limit<br>(dbm) | MPR<br>(db) |     |
| 35              | QPSK       | 1       | 1         | 22.35                    | 22.37                       | 22.25                     | 24.0                   | 0.0         | 0.0 |
| Channel         |            |         |           | 345000                   | 349000                      | 353000                    |                        |             |     |
| Frequency (MHz) |            |         |           | 1725                     | 1745                        | 1765                      | Tune-up limit<br>(dbm) | MPR<br>(db) |     |
| 30              | QPSK       | 1       | 1         | 22.38                    | 22.41                       | 22.37                     | 24.0                   | 0.0         | 0.0 |
| Channel         |            |         |           | 345000                   | 349000                      | 355000                    |                        |             |     |
| Frequency (MHz) |            |         |           | 1722.5                   | 1745                        | 1767.5                    | Tune-up limit<br>(dbm) | MPR<br>(db) |     |
| 25              | QPSK       | 1       | 1         | 22.31                    | 22.34                       | 22.34                     | 24.0                   | 0.0         | 0.0 |
| Channel         |            |         |           | 345000                   | 349000                      | 356000                    |                        |             |     |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      | Tune-up limit<br>(dbm) | MPR<br>(db) |     |
| 20              | QPSK       | 1       | 1         | 22.35                    | 22.39                       | 22.30                     | 24.0                   | 0.0         | 0.0 |
| Channel         |            |         |           | 345000                   | 349000                      | 357000                    |                        |             |     |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    | Tune-up limit<br>(dbm) | MPR<br>(db) |     |
| 15              | QPSK       | 1       | 1         | 22.36                    | 22.37                       | 22.27                     | 24.0                   | 0.0         | 0.0 |
| Channel         |            |         |           | 345000                   | 349000                      | 358000                    |                        |             |     |
| Frequency (MHz) |            |         |           | 1715                     | 1745                        | 1775                      | Tune-up limit<br>(dbm) | MPR<br>(db) |     |
| 10              | QPSK       | 1       | 1         | 22.40                    | 22.40                       | 22.27                     | 24.0                   | 0.0         | 0.0 |
| Channel         |            |         |           | 345000                   | 349000                      | 359500                    |                        |             |     |
| Frequency (MHz) |            |         |           | 1712.5                   | 1745                        | 1777.5                    | Tune-up limit<br>(dbm) | MPR<br>(db) |     |
| 5               | QPSK       | 1       | 1         | 22.46                    | 22.33                       | 22.35                     | 24.0                   | 0.0         | 0.0 |

| FCC_n41_Ant 3   |            |         |           |                       |                          |                        |                     |          |  |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| 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         |            |         |           | 509202                | 518598                   | 528000                 |                     |          |  |
| Frequency (MHz) |            |         |           | 2544.01               | 2592.99                  | 2640                   |                     |          |  |
| 100             | PI/2 BPSK  | 1       | 1         | 25.63                 | 25.73                    | 25.69                  |                     |          |  |
| 100             | PI/2 BPSK  | 1       | 137       | 25.48                 | 25.59                    | 25.54                  | 27.0                | 0.0      |  |
| 100             | PI/2 BPSK  | 1       | 271       | 25.33                 | 25.41                    | 25.35                  |                     |          |  |
| 100             | PI/2 BPSK  | 135     | 0         | 25.06                 | 25.17                    | 25.03                  | 26.5                | 0.5      |  |
| 100             | PI/2 BPSK  | 135     | 69        | 25.71                 | 25.76                    | 25.62                  | 27.0                | 0.0      |  |
| 100             | PI/2 BPSK  | 135     | 138       | 24.98                 | 25.11                    | 25.04                  | 26.5                | 0.5      |  |
| 100             | PI/2 BPSK  | 270     | 0         | 25.04                 | 25.11                    | 25.03                  |                     |          |  |
| 100             | QPSK       | 1       | 1         | 25.67                 | 25.80                    | 25.70                  |                     |          |  |
| 100             | QPSK       | 1       | 137       | 25.45                 | 25.57                    | 25.46                  | 27.0                | 0.0      |  |
| 100             | QPSK       | 1       | 271       | 25.26                 | 25.27                    | 25.19                  |                     |          |  |
| 100             | QPSK       | 135     | 0         | 24.52                 | 24.57                    | 24.46                  |                     |          |  |
| 100             | QPSK       | 135     | 69        | 25.61                 | 25.75                    | 25.68                  | 27.0                | 0.0      |  |
| 100             | QPSK       | 135     | 138       | 24.43                 | 24.51                    | 24.36                  |                     |          |  |
| 100             | QPSK       | 270     | 0         | 24.37                 | 24.51                    | 24.43                  | 26.0                | 1.0      |  |
| 100             | 16QAM      | 1       | 1         | 24.12                 | 24.03                    | 24.10                  | 26.0                | 1.0      |  |
| 100             | 64QAM      | 1       | 1         | 22.56                 | 22.54                    | 22.54                  | 24.5                | 2.5      |  |
| 100             | 256QAM     | 1       | 1         | 21.22                 | 21.20                    | 21.09                  | 22.5                | 4.5      |  |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz) |            |         |           | 2544.01               | 2592.99                  | 2644.98                | (dB)                | (dB)     |  |
| 90              | QPSK       | 1       | 1         | 25.63                 | 25.77                    | 25.66                  | 27.0                | 0.0      |  |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                | (dB)                | (dB)     |  |
| 80              | QPSK       | 1       | 1         | 25.62                 | 25.74                    | 25.68                  | 27.0                | 0.0      |  |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   | (dB)                | (dB)     |  |
| 70              | QPSK       | 1       | 1         | 25.55                 | 25.74                    | 25.59                  | 27.0                | 0.0      |  |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                | (dBm)               | (dB)     |  |
| 60              | QPSK       | 1       | 1         | 25.65                 | 25.78                    | 25.69                  | 27.0                | 0.0      |  |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz) |            |         |           | 2517.02               | 2592.99                  | 2664.99                | (dBm)               | (dB)     |  |
| 50              | QPSK       | 1       | 1         | 25.54                 | 25.72                    | 25.61                  | 27.0                | 0.0      |  |
| Channel         |            |         |           | 503200                | 518598                   | 533498                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz) |            |         |           | 2518.5                | 2592.99                  | 2667.48                | (dBm)               | (dB)     |  |
| 45              | QPSK       | 1       | 1         | 25.67                 | 25.69                    | 25.64                  | 27.0                | 0.0      |  |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   | (dBm)               | (dB)     |  |
| 40              | QPSK       | 1       | 1         | 25.63                 | 25.65                    | 25.61                  | 27.0                | 0.0      |  |
| Channel         |            |         |           | 502204                | 518598                   | 534498                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz) |            |         |           | 2513.52               | 2592.99                  | 2672.49                | (dBm)               | (dB)     |  |
| 35              | QPSK       | 1       | 1         | 25.66                 | 25.74                    | 25.62                  | 27.0                | 0.0      |  |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                | (dBm)               | (dB)     |  |
| 30              | QPSK       | 1       | 1         | 25.65                 | 25.70                    | 25.66                  | 27.0                | 0.0      |  |
| Channel         |            |         |           | 501202                | 518598                   | 535500                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz) |            |         |           | 2508.51               | 2592.99                  | 2677.5                 | (dBm)               | (dB)     |  |
| 25              | QPSK       | 1       | 1         | 25.56                 | 25.68                    | 25.70                  | 27.0                | 0.0      |  |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                | (dBm)               | (dB)     |  |
| 20              | QPSK       | 1       | 1         | 25.53                 | 25.70                    | 25.60                  | 27.0                | 0.0      |  |
| Channel         |            |         |           | 500200                | 518598                   | 536496                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                | (dBm)               | (dB)     |  |
| 15              | QPSK       | 1       | 1         | 25.59                 | 25.78                    | 25.68                  | 27.0                | 0.0      |  |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   | (dBm)               | (dB)     |  |
| 10              | QPSK       | 1       | 1         | 25.58                 | 25.67                    | 25.70                  | 27.0                | 0.0      |  |

| Part96_n77_Ant 4 |            |         |           |                       |                          |                        |                     |          |  |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz]         | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |  |
| Channel          |            |         |           | 640000                | 641666                   | 643332                 |                     |          |  |
| Frequency (MHz)  |            |         |           | 3660                  | 3624.99                  | 3600.96                |                     |          |  |
| 100              | PI/2 BPSK  | 1       | 1         | 23.52                 | 23.73                    | 23.52                  |                     |          |  |
| 100              | PI/2 BPSK  | 1       | 137       | 23.51                 | 23.55                    | 23.49                  | 25.0                | 0.0      |  |
| 100              | PI/2 BPSK  | 1       | 271       | 23.58                 | 23.61                    | 23.64                  |                     |          |  |
| 100              | PI/2 BPSK  | 135     | 0         | 22.95                 | 23.08                    | 23.04                  | 25.0                | 0.0      |  |
| 100              | PI/2 BPSK  | 135     | 69        | 23.64                 | 23.70                    | 23.56                  | 25.0                | 0.0      |  |
| 100              | PI/2 BPSK  | 135     | 138       | 23.21                 | 23.25                    | 23.24                  | 25.0                | 0.0      |  |
| 100              | PI/2 BPSK  | 270     | 0         | 23.12                 | 23.16                    | 23.08                  |                     |          |  |
| 100              | QPSK       | 1       | 1         | 23.55                 | 23.78                    | 23.55                  |                     |          |  |
| 100              | QPSK       | 1       | 137       | 23.49                 | 23.57                    | 23.43                  | 25.0                | 0.0      |  |
| 100              | QPSK       | 1       | 271       | 23.51                 | 23.66                    | 23.52                  |                     |          |  |
| 100              | QPSK       | 135     | 0         | 22.42                 | 22.54                    | 22.46                  |                     |          |  |
| 100              | QPSK       | 135     | 69        | 23.54                 | 23.65                    | 23.60                  | 25.0                | 0.0      |  |
| 100              | QPSK       | 135     | 138       | 22.62                 | 22.75                    | 22.63                  |                     |          |  |
| 100              | QPSK       | 270     | 0         | 22.50                 | 22.62                    | 22.52                  | 25.0                | 0.0      |  |
| 100              | 16QAM      | 1       | 1         | 22.27                 | 22.16                    | 22.28                  | 25.0                | 0.0      |  |
| 100              | 64QAM      | 1       | 1         | 22.81                 | 22.72                    | 22.80                  | 24.5                | 0.5      |  |
| 100              | 256QAM     | 1       | 1         | 21.36                 | 21.27                    | 21.35                  | 22.5                | 2.5      |  |
| Channel          |            |         |           | 639668                | 641666                   | 643666                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz)  |            |         |           | 3656.02               | 3624.99                  | 3604.96                | (dBm)               | (dB)     |  |
| 90               | QPSK       | 1       | 1         | 23.39                 | 23.13                    | 23.35                  | 25.0                | 0.0      |  |
| Channel          |            |         |           | 639334                | 641666                   | 644000                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz)  |            |         |           | 3690.01               | 3624.99                  | 3660                   | (dBm)               | (dB)     |  |
| 80               | QPSK       | 1       | 1         | 23.49                 | 23.22                    | 23.37                  | 25.0                | 0.0      |  |
| Channel          |            |         |           | 639000                | 641666                   | 644332                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz)  |            |         |           | 3685                  | 3624.99                  | 3604.96                | (dBm)               | (dB)     |  |
| 70               | QPSK       | 1       | 1         | 23.58                 | 23.15                    | 23.39                  | 25.0                | 0.0      |  |
| Channel          |            |         |           | 638668                | 641666                   | 644666                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz)  |            |         |           | 3680.02               | 3624.99                  | 3669.99                | (dBm)               | (dB)     |  |
| 60               | QPSK       | 1       | 1         | 23.58                 | 23.14                    | 23.44                  | 25.0                | 0.0      |  |
| Channel          |            |         |           | 638334                | 641666                   | 645000                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz)  |            |         |           | 3673.01               | 3624.99                  | 3675                   | (dBm)               | (dB)     |  |
| 50               | QPSK       | 1       | 1         | 23.44                 | 23.22                    | 23.23                  | 25.0                | 0.0      |  |
| Channel          |            |         |           | 638168                | 641666                   | 645166                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz)  |            |         |           | 3672.52               | 3624.99                  | 3677.49                | (dBm)               | (dB)     |  |
| 45               | QPSK       | 1       | 1         | 23.31                 | 23.07                    | 23.14                  | 25.0                | 0.0      |  |
| Channel          |            |         |           | 638000                | 641666                   | 645332                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz)  |            |         |           | 3670                  | 3624.99                  | 3679.98                | (dBm)               | (dB)     |  |
| 40               | QPSK       | 1       | 1         | 23.51                 | 23.20                    | 23.35                  | 25.0                | 0.0      |  |
| Channel          |            |         |           | 637834                | 641666                   | 645500                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz)  |            |         |           | 3667.51               | 3624.99                  | 3682.5                 | (dBm)               | (dB)     |  |
| 35               | QPSK       | 1       | 1         | 23.37                 | 23.11                    | 23.25                  | 25.0                | 0.0      |  |
| Channel          |            |         |           | 637668                | 641666                   | 645666                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz)  |            |         |           | 3665.02               | 3624.99                  | 3684.99                | (dBm)               | (dB)     |  |
| 30               | QPSK       | 1       | 1         | 23.52                 | 23.21                    | 23.36                  | 25.0                | 0.0      |  |
| Channel          |            |         |           | 637500                | 641666                   | 645832                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz)  |            |         |           | 3662.5                | 3624.99                  | 3687.48                | (dBm)               | (dB)     |  |
| 25               | QPSK       | 1       | 1         | 23.48                 | 23.27                    | 23.50                  | 25.0                | 0.0      |  |
| Channel          |            |         |           | 637334                | 641666                   | 646000                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz)  |            |         |           | 3660.01               | 3624.99                  | 3690                   | (dBm)               | (dB)     |  |
| 20               | QPSK       | 1       | 1         | 23.47                 | 23.29                    | 23.35                  | 25.0                | 0.0      |  |
| Channel          |            |         |           | 637168                | 641666                   | 646166                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz)  |            |         |           | 3657.52               | 3624.99                  | 3692.49                | (dBm)               | (dB)     |  |
| 15               | QPSK       | 1       | 1         | 23.52                 | 23.25                    | 23.41                  | 25.0                | 0.0      |  |
| Channel          |            |         |           | 637000                | 641666                   | 646332                 | Tune-up limit (dBm) | MPR      |  |
| Frequency (MHz)  |            |         |           | 3655                  | 3624.99                  | 3694.98                | (dBm)               | (dB)     |  |
| 10               | QPSK       | 1       | 1         | 23.50                 | 23.27                    | 23.33                  | 25.0                | 0.0      |  |

| Part27Q_n77_Ant 4 |            |         |           |                       |                          |                        |                     |          |  |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz]          | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |  |
| Channel           |            |         |           | 633332                |                          |                        |                     |          |  |
| Frequency (MHz)   |            |         |           | 3499.98               |                          |                        |                     |          |  |
| 100               | PI/2 BPSK  | 1       | 1         | 25.71                 |                          |                        |                     |          |  |
| 100               | PI/2 BPSK  | 1       | 137       | 25.53                 |                          |                        | 27.0                | 0.0      |  |
| 100               | PI/2 BPSK  | 1       | 271       | 25.68                 |                          |                        |                     |          |  |
| 100               | PI/2 BPSK  | 135     | 0         | 25.25                 |                          |                        | 26.5                | 0.5      |  |
| 100               | PI/2 BPSK  | 135     | 69        | 25.72                 |                          |                        | 27.0                | 0.0      |  |
| 100               | PI/2 BPSK  | 135     | 138       | 25.35                 |                          |                        | 26.5                | 0.5      |  |
| 100               | PI/2 BPSK  | 270     | 0         | 25.31                 |                          |                        |                     |          |  |
| 100               | QPSK       | 1       | 1         | 25.84                 |                          |                        |                     |          |  |
| 100               | QPSK       | 1       | 137       | 25.53                 |                          |                        | 27.0                | 0.0      |  |
| 100               | QPSK       | 1       | 271       | 25.67                 |                          |                        |                     |          |  |
| 100               | QPSK       | 135     | 0         | 24.69                 |                          |                        |                     |          |  |
| 100               | QPSK       | 135     | 69        | 25.82                 |                          |                        | 27.0                | 0.0      |  |
| 100               | QPSK       | 135     | 138       | 24.90                 |                          |                        |                     |          |  |
| 100               | QPSK       | 270     | 0         | 24.86                 |                          |                        | 26.0                | 1.0      |  |
| 100               | 16QAM      | 1       | 1         | 24.30                 |                          |                        | 26.0                | 1.0      |  |
| 100               | 64QAM      | 1       | 1         | 22.82                 |                          |                        | 24.5                | 2.5      |  |
| 100               | 256QAM     | 1       | 1         | 21.38                 |                          |                        | 22.5                | 4.5      |  |
| Channel           |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3486                  | 3499.98                  | 3504.99                | (dB)                | (dB)     |  |
| 90                | QPSK       | 1       | 1         | 25.72                 | 25.59                    | 25.61                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3490.02               | 3499.98                  | 3510                   | (dBm)               | (dB)     |  |
| 80                | QPSK       | 1       | 1         | 25.52                 | 25.59                    | 25.45                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3483.01               | 3499.98                  | 3514.98                | (dBm)               | (dB)     |  |
| 70                | QPSK       | 1       | 1         | 25.54                 | 25.66                    | 25.67                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3480                  | 3499.98                  | 3519.99                | (dBm)               | (dB)     |  |
| 60                | QPSK       | 1       | 1         | 25.48                 | 25.80                    | 25.54                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3473.02               | 3499.98                  | 3525                   | (dBm)               | (dB)     |  |
| 50                | QPSK       | 1       | 1         | 25.52                 | 25.67                    | 25.68                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 631500                | 633332                   | 635166                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3472.5                | 3499.98                  | 3527.49                | (dBm)               | (dB)     |  |
| 45                | QPSK       | 1       | 1         | 25.37                 | 25.59                    | 25.54                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3470.01               | 3499.98                  | 3529.99                | (dBm)               | (dB)     |  |
| 40                | QPSK       | 1       | 1         | 25.65                 | 25.70                    | 25.57                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 631168                | 633332                   | 635500                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3467.52               | 3499.98                  | 3532.5                 | (dBm)               | (dB)     |  |
| 35                | QPSK       | 1       | 1         | 25.51                 | 25.57                    | 25.59                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3465                  | 3499.98                  | 3534.99                | (dBm)               | (dB)     |  |
| 30                | QPSK       | 1       | 1         | 25.69                 | 25.57                    | 25.49                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3462.51               | 3499.98                  | 3537.48                | (dBm)               | (dB)     |  |
| 25                | QPSK       | 1       | 1         | 25.61                 | 25.63                    | 25.58                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3460.02               | 3499.98                  | 3540                   | (dBm)               | (dB)     |  |
| 20                | QPSK       | 1       | 1         | 25.69                 | 25.58                    | 25.51                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3457.5                | 3499.98                  | 3542.49                | (dBm)               | (dB)     |  |
| 15                | QPSK       | 1       | 1         | 25.67                 | 25.81                    | 25.49                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3455.01               | 3499.98                  | 3544.98                | (dBm)               | (dB)     |  |
| 10                | QPSK       | 1       | 1         | 25.53                 | 25.73                    | 25.63                  | 27.0                | 0.0      |  |

| Part27O_n77_Ant 4 |            |         |           |                       |                          |                        |                     |          |  |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz]          | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |  |
| Channel           |            |         |           | 650000                | 656000                   | 662000                 |                     |          |  |
| Frequency (MHz)   |            |         |           | 3750                  | 3840                     | 3930                   |                     |          |  |
| 100               | PI/2 BPSK  | 1       | 1         | 25.78                 | 25.91                    | 25.71                  | 27.0                | 0.0      |  |
| 100               | PI/2 BPSK  | 1       | 137       | 25.71                 | 25.74                    | 25.64                  |                     |          |  |
| 100               | PI/2 BPSK  | 1       | 271       | 25.68                 | 25.70                    | 25.55                  |                     |          |  |
| 100               | PI/2 BPSK  | 135     | 0         | 25.22                 | 25.37                    | 25.33                  | 26.5                | 0.5      |  |
| 100               | PI/2 BPSK  | 135     | 69        | 25.87                 | 25.90                    | 25.82                  | 27.0                | 0.0      |  |
| 100               | PI/2 BPSK  | 135     | 138       | 25.29                 | 25.29                    | 25.14                  | 26.5                | 0.5      |  |
| 100               | PI/2 BPSK  | 270     | 0         | 25.27                 | 25.31                    | 25.16                  |                     |          |  |
| 100               | QPSK       | 1       | 1         | 25.76                 | 25.92                    | 25.30                  |                     |          |  |
| 100               | QPSK       | 1       | 137       | 25.73                 | 25.74                    | 25.66                  | 27.0                | 0.0      |  |
| 100               | QPSK       | 1       | 271       | 25.59                 | 25.72                    | 25.58                  |                     |          |  |
| 100               | QPSK       | 135     | 0         | 24.77                 | 24.85                    | 24.72                  |                     |          |  |
| 100               | QPSK       | 135     | 69        | 25.74                 | 25.85                    | 25.73                  | 27.0                | 0.0      |  |
| 100               | QPSK       | 135     | 138       | 24.74                 | 24.77                    | 24.66                  |                     |          |  |
| 100               | QPSK       | 270     | 0         | 24.69                 | 24.76                    | 24.77                  |                     |          |  |
| 100               | 16QAM      | 1       | 1         | 24.52                 | 24.65                    | 24.41                  |                     |          |  |
| 100               | 64QAM      | 1       | 1         | 23.04                 | 23.18                    | 22.95                  | 24.5                | 2.5      |  |
| 100               | 256QAM     | 1       | 1         | 21.62                 | 21.77                    | 21.65                  | 22.5                | 4.5      |  |
| Channel           |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3745.02               | 3840                     | 3934.98                | (dBm)               | (dB)     |  |
| 90                | QPSK       | 1       | 1         | 25.78                 | 25.89                    | 25.52                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3740.01               | 3840                     | 3939.99                | (dBm)               | (dB)     |  |
| 80                | QPSK       | 1       | 1         | 25.69                 | 25.84                    | 25.76                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3735                  | 3840                     | 3945                   | (dBm)               | (dB)     |  |
| 70                | QPSK       | 1       | 1         | 25.81                 | 25.76                    | 25.51                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3730.02               | 3840                     | 3949.98                | (dBm)               | (dB)     |  |
| 60                | QPSK       | 1       | 1         | 25.68                 | 25.86                    | 25.65                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3725.01               | 3840                     | 3954.99                | (dBm)               | (dB)     |  |
| 50                | QPSK       | 1       | 1         | 25.74                 | 25.82                    | 25.74                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 648168                | 656000                   | 663832                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3722.52               | 3840                     | 3957.48                | (dBm)               | (dB)     |  |
| 45                | QPSK       | 1       | 1         | 25.70                 | 25.67                    | 25.62                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3720                  | 3840                     | 3960                   | (dBm)               | (dB)     |  |
| 40                | QPSK       | 1       | 1         | 25.82                 | 25.87                    | 25.72                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 647834                | 656000                   | 664166                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3717.51               | 3840                     | 3962.49                | (dBm)               | (dB)     |  |
| 35                | QPSK       | 1       | 1         | 25.73                 | 25.80                    | 25.64                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3715.02               | 3840                     | 3964.98                | (dBm)               | (dB)     |  |
| 30                | QPSK       | 1       | 1         | 25.63                 | 25.83                    | 25.74                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3712.5                | 3840                     | 3967.5                 | (dBm)               | (dB)     |  |
| 25                | QPSK       | 1       | 1         | 25.82                 | 25.81                    | 25.70                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3710.01               | 3840                     | 3969.99                | (dBm)               | (dB)     |  |
| 20                | QPSK       | 1       | 1         | 25.75                 | 25.87                    | 25.53                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3707.52               | 3840                     | 3972.48                | (dBm)               | (dB)     |  |
| 15                | QPSK       | 1       | 1         | 25.74                 | 25.86                    | 25.56                  | 27.0                | 0.0      |  |
| Channel           |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit       | MPR      |  |
| Frequency (MHz)   |            |         |           | 3705                  | 3840                     | 3975                   | (dBm)               | (dB)     |  |
| 10                | QPSK       | 1       | 1         | 25.76                 | 25.72                    | 25.68                  | 27.0                | 0.0      |  |

Reduced Power Mode for Receiver On

| Band 2_Ant 3    |            |         |           |                |                |                |                    |          |  |
|-----------------|------------|---------|-----------|----------------|----------------|----------------|--------------------|----------|--|
| BW (MHz)        | Modulation | RS Size | RS Offset | Power Ch./Frac | Power Ch./Frac | Power Ch./Frac | Time-up time (min) | MPI (dB) |  |
| Channel         |            |         |           |                |                |                |                    |          |  |
| Channel         |            |         |           | 18000          | 18000          | 18000          |                    |          |  |
| Frequency (MHz) |            |         |           |                |                |                |                    |          |  |
| 20              | QPSK       | 1       | 0         | 17.95          | 17.95          | 17.95          | 18.0               | 0        |  |
| 20              | QPSK       | 1       | 40        | 17.96          | 17.96          | 17.96          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 17.97          | 17.97          | 17.97          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 17.98          | 17.98          | 17.98          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 17.99          | 17.99          | 17.99          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.00          | 18.00          | 18.00          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.01          | 18.01          | 18.01          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.02          | 18.02          | 18.02          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.03          | 18.03          | 18.03          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.04          | 18.04          | 18.04          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.05          | 18.05          | 18.05          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.06          | 18.06          | 18.06          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.07          | 18.07          | 18.07          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.08          | 18.08          | 18.08          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.09          | 18.09          | 18.09          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.10          | 18.10          | 18.10          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.11          | 18.11          | 18.11          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.12          | 18.12          | 18.12          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.13          | 18.13          | 18.13          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.14          | 18.14          | 18.14          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.15          | 18.15          | 18.15          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.16          | 18.16          | 18.16          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.17          | 18.17          | 18.17          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.18          | 18.18          | 18.18          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.19          | 18.19          | 18.19          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.20          | 18.20          | 18.20          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.21          | 18.21          | 18.21          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.22          | 18.22          | 18.22          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.23          | 18.23          | 18.23          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.24          | 18.24          | 18.24          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.25          | 18.25          | 18.25          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.26          | 18.26          | 18.26          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.27          | 18.27          | 18.27          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.28          | 18.28          | 18.28          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.29          | 18.29          | 18.29          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.30          | 18.30          | 18.30          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.31          | 18.31          | 18.31          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.32          | 18.32          | 18.32          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.33          | 18.33          | 18.33          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.34          | 18.34          | 18.34          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.35          | 18.35          | 18.35          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.36          | 18.36          | 18.36          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.37          | 18.37          | 18.37          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.38          | 18.38          | 18.38          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.39          | 18.39          | 18.39          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.40          | 18.40          | 18.40          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.41          | 18.41          | 18.41          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.42          | 18.42          | 18.42          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.43          | 18.43          | 18.43          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.44          | 18.44          | 18.44          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.45          | 18.45          | 18.45          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.46          | 18.46          | 18.46          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.47          | 18.47          | 18.47          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.48          | 18.48          | 18.48          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.49          | 18.49          | 18.49          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.50          | 18.50          | 18.50          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.51          | 18.51          | 18.51          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.52          | 18.52          | 18.52          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.53          | 18.53          | 18.53          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.54          | 18.54          | 18.54          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.55          | 18.55          | 18.55          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.56          | 18.56          | 18.56          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.57          | 18.57          | 18.57          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.58          | 18.58          | 18.58          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.59          | 18.59          | 18.59          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.60          | 18.60          | 18.60          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.61          | 18.61          | 18.61          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.62          | 18.62          | 18.62          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.63          | 18.63          | 18.63          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.64          | 18.64          | 18.64          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.65          | 18.65          | 18.65          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.66          | 18.66          | 18.66          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.67          | 18.67          | 18.67          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.68          | 18.68          | 18.68          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.69          | 18.69          | 18.69          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.70          | 18.70          | 18.70          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.71          | 18.71          | 18.71          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.72          | 18.72          | 18.72          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.73          | 18.73          | 18.73          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.74          | 18.74          | 18.74          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.75          | 18.75          | 18.75          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.76          | 18.76          | 18.76          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.77          | 18.77          | 18.77          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.78          | 18.78          | 18.78          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.79          | 18.79          | 18.79          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.80          | 18.80          | 18.80          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.81          | 18.81          | 18.81          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.82          | 18.82          | 18.82          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.83          | 18.83          | 18.83          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.84          | 18.84          | 18.84          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.85          | 18.85          | 18.85          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.86          | 18.86          | 18.86          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.87          | 18.87          | 18.87          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.88          | 18.88          | 18.88          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.89          | 18.89          | 18.89          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.90          | 18.90          | 18.90          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.91          | 18.91          | 18.91          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.92          | 18.92          | 18.92          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 18.93          | 18.93          | 18.93          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 18.94          | 18.94          | 18.94          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 18.95          | 18.95          | 18.95          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 18.96          | 18.96          | 18.96          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 18.97          | 18.97          | 18.97          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 18.98          | 18.98          | 18.98          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 18.99          | 18.99          | 18.99          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 19.00          | 19.00          | 19.00          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 19.01          | 19.01          | 19.01          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 19.02          | 19.02          | 19.02          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 19.03          | 19.03          | 19.03          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 19.04          | 19.04          | 19.04          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 19.05          | 19.05          | 19.05          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 19.06          | 19.06          | 19.06          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 19.07          | 19.07          | 19.07          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 19.08          | 19.08          | 19.08          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 19.09          | 19.09          | 19.09          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 19.10          | 19.10          | 19.10          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 19.11          | 19.11          | 19.11          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 19.12          | 19.12          | 19.12          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 19.13          | 19.13          | 19.13          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 19.14          | 19.14          | 19.14          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 19.15          | 19.15          | 19.15          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 19.16          | 19.16          | 19.16          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 19.17          | 19.17          | 19.17          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 19.18          | 19.18          | 19.18          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 19.19          | 19.19          | 19.19          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 19.20          | 19.20          | 19.20          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 19.21          | 19.21          | 19.21          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 19.22          | 19.22          | 19.22          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 19.23          | 19.23          | 19.23          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 19.24          | 19.24          | 19.24          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 19.25          | 19.25          | 19.25          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 19.26          | 19.26          | 19.26          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 19.27          | 19.27          | 19.27          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 19.28          | 19.28          | 19.28          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 19.29          | 19.29          | 19.29          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 80        | 19.30          | 19.30          | 19.30          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 120       | 19.31          | 19.31          | 19.31          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 160       | 19.32          | 19.32          | 19.32          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 0         | 19.33          | 19.33          | 19.33          | 18.0               | 0        |  |
| 20              | QPSK       | 100     | 40        | 19.34          | 19.34          | 19.34          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 0         | 19.35          | 19.35          | 19.35          | 18.0               | 0        |  |
| 20              | QPSK       | 50      | 40        | 19.36          | 19.3           |                |                    |          |  |

| Band 12_Ant 0   |            |         |           |                     |                      |                      |                     |          |  |
|-----------------|------------|---------|-----------|---------------------|----------------------|----------------------|---------------------|----------|--|
| BW (MHz)        | Modulation | RS Size | RS Offset | Power Low Ch / Freq | Power Main Ch / Freq | Power High Ch / Freq | Time-up limit (dBm) | MPR (dB) |  |
| Channel         |            |         |           |                     |                      |                      |                     |          |  |
| Frequency (MHz) |            |         |           | 23000               | 23005                | 23130                | Time-up limit (dBm) |          |  |
| 5               | QPSK       | 1       | 0         | 22.85               | 22.88                | 22.85                | 24                  | 0        |  |
| 5               | QPSK       | 1       | 12        | 22.78               | 22.73                | 22.83                |                     |          |  |
| 5               | QPSK       | 1       | 24        | 22.75               | 22.80                | 22.80                |                     |          |  |
| 5               | QPSK       | 12      | 0         | 22.75               | 22.80                | 22.84                | 24                  | 0        |  |
| 5               | QPSK       | 12      | 7         | 22.83               | 22.71                | 22.77                |                     |          |  |
| 5               | QPSK       | 12      | 13        | 22.81               | 22.85                | 22.81                |                     |          |  |
| 5               | QPSK       | 25      | 0         | 22.75               | 22.75                | 22.81                | 24                  | 0        |  |
| 5               | QPSK       | 25      | 12        | 22.81               | 22.85                | 22.84                |                     |          |  |
| 5               | 16QAM      | 1       | 12        | 22.81               | 22.85                | 22.84                |                     |          |  |
| 5               | 16QAM      | 1       | 24        | 22.84               | 22.82                | 22.85                | 24                  | 0        |  |
| 5               | 16QAM      | 12      | 0         | 21.84               | 21.47                | 21.48                |                     |          |  |
| 5               | 16QAM      | 12      | 7         | 21.40               | 21.37                | 21.35                |                     |          |  |
| 5               | 16QAM      | 12      | 13        | 21.45               | 21.41                | 21.40                | 23                  | 1        |  |
| 5               | 16QAM      | 25      | 0         | 21.45               | 21.53                | 21.53                |                     |          |  |
| 5               | 16QAM      | 1       | 0         | 21.43               | 21.49                | 21.38                |                     |          |  |
| 5               | 16QAM      | 1       | 12        | 21.45               | 21.41                | 21.40                | 23                  | 1        |  |
| 5               | 16QAM      | 1       | 24        | 21.80               | 21.91                | 21.90                |                     |          |  |
| 5               | 16QAM      | 12      | 0         | 20.55               | 20.56                | 20.54                |                     |          |  |
| 5               | 16QAM      | 12      | 7         | 20.55               | 20.56                | 20.47                | 22                  | 2        |  |
| 5               | 16QAM      | 12      | 13        | 20.45               | 20.50                | 20.41                |                     |          |  |
| 5               | 25QAM      | 1       | 0         | 18.75               | 18.76                | 18.80                |                     |          |  |
| 5               | 25QAM      | 1       | 25        | 18.85               | 18.86                | 18.85                | 20                  | 4        |  |
| 5               | 25QAM      | 1       | 40        | 18.85               | 18.85                | 18.85                |                     |          |  |
| 5               | 25QAM      | 12      | 0         | 18.75               | 18.87                | 18.82                |                     |          |  |
| 5               | 25QAM      | 12      | 13        | 18.87               | 18.83                | 18.80                | 20                  | 4        |  |
| 5               | 25QAM      | 12      | 7         | 18.85               | 18.82                | 18.87                |                     |          |  |
| 5               | 25QAM      | 12      | 13        | 18.82               | 18.86                | 18.87                |                     |          |  |
| 5               | 25QAM      | 25      | 0         | 18.85               | 18.82                | 18.87                | 20                  | 4        |  |
| Channel         |            |         |           |                     |                      |                      |                     |          |  |
| Frequency (MHz) |            |         |           | 23000               | 23005                | 23130                | Time-up limit (dBm) |          |  |
| 3               | QPSK       | 1       | 0         | 22.94               | 22.95                | 22.81                | 24                  | 0        |  |
| 3               | QPSK       | 1       | 5         | 22.85               | 22.75                | 22.71                |                     |          |  |
| 3               | QPSK       | 1       | 10        | 22.82               | 22.83                | 22.87                |                     |          |  |
| 3               | QPSK       | 3       | 0         | 22.79               | 22.79                | 22.79                | 24                  | 0        |  |
| 3               | QPSK       | 3       | 1         | 22.81               | 22.77                | 22.81                |                     |          |  |
| 3               | QPSK       | 3       | 2         | 22.82               | 22.80                | 22.87                |                     |          |  |
| 3               | 16QAM      | 1       | 0         | 22.89               | 22.79                | 22.77                | 24                  | 0        |  |
| 3               | 16QAM      | 1       | 5         | 22.73               | 22.82                | 22.78                |                     |          |  |
| 3               | 16QAM      | 1       | 10        | 21.47               | 21.49                | 21.42                |                     |          |  |
| 3               | 16QAM      | 3       | 0         | 21.45               | 21.39                | 21.37                | 23                  | 1        |  |
| 3               | 16QAM      | 3       | 1         | 21.42               | 21.37                | 21.42                |                     |          |  |
| 3               | 16QAM      | 3       | 2         | 21.43               | 21.41                | 21.40                |                     |          |  |
| 3               | 16QAM      | 6       | 0         | 21.33               | 21.40                | 21.30                | 23                  | 1        |  |
| 3               | 16QAM      | 6       | 1         | 21.31               | 21.42                | 21.30                |                     |          |  |
| 3               | 16QAM      | 6       | 2         | 21.37               | 21.45                | 21.30                |                     |          |  |
| 3               | 16QAM      | 1       | 14        | 21.82               | 21.86                | 21.80                | 23                  | 1        |  |
| 3               | 16QAM      | 1       | 20        | 20.45               | 20.50                | 20.45                |                     |          |  |
| 3               | 16QAM      | 1       | 26        | 20.45               | 20.45                | 20.45                |                     |          |  |
| 3               | 16QAM      | 3       | 0         | 20.55               | 20.53                | 20.48                | 22                  | 2        |  |
| 3               | 25QAM      | 1       | 0         | 18.72               | 18.81                | 18.75                |                     |          |  |
| 3               | 25QAM      | 1       | 10        | 18.76               | 18.81                | 18.75                |                     |          |  |
| 3               | 25QAM      | 1       | 14        | 18.72               | 18.76                | 18.77                | 20                  | 4        |  |
| 3               | 25QAM      | 1       | 20        | 18.75               | 18.75                | 18.71                |                     |          |  |
| 3               | 25QAM      | 1       | 26        | 18.75               | 18.75                | 18.71                |                     |          |  |
| 3               | 25QAM      | 3       | 0         | 18.62               | 18.60                | 18.54                | 20                  | 4        |  |
| 3               | 25QAM      | 3       | 1         | 18.62               | 18.52                | 18.57                |                     |          |  |
| 3               | 25QAM      | 3       | 2         | 18.62               | 18.52                | 18.57                |                     |          |  |
| 3               | 25QAM      | 6       | 0         | 18.70               | 18.70                | 18.67                | 20                  | 4        |  |
| Channel         |            |         |           |                     |                      |                      |                     |          |  |
| Frequency (MHz) |            |         |           | 23000               | 23005                | 23130                | Time-up limit (dBm) |          |  |
| 1.4             | QPSK       | 1       | 0         | 22.91               | 22.95                | 22.81                | 24                  | 0        |  |
| 1.4             | QPSK       | 1       | 3         | 22.75               | 22.76                | 22.77                |                     |          |  |
| 1.4             | QPSK       | 1       | 5         | 22.82               | 22.85                | 22.87                |                     |          |  |
| 1.4             | QPSK       | 3       | 0         | 22.90               | 22.85                | 22.85                | 24                  | 0        |  |
| 1.4             | QPSK       | 3       | 1         | 22.81               | 22.77                | 22.83                |                     |          |  |
| 1.4             | QPSK       | 3       | 3         | 22.83               | 22.76                | 22.72                |                     |          |  |
| 1.4             | QPSK       | 5       | 0         | 22.78               | 22.77                | 22.81                | 24                  | 0        |  |
| 1.4             | 16QAM      | 1       | 0         | 22.70               | 22.79                | 22.74                |                     |          |  |
| 1.4             | 16QAM      | 1       | 3         | 22.71               | 22.86                | 22.85                |                     |          |  |
| 1.4             | 16QAM      | 1       | 5         | 22.87               | 22.83                | 22.83                | 24                  | 0        |  |
| 1.4             | 16QAM      | 3       | 0         | 22.41               | 22.41                | 22.33                |                     |          |  |
| 1.4             | 16QAM      | 3       | 1         | 22.37               | 22.33                | 22.28                |                     |          |  |
| 1.4             | 16QAM      | 3       | 3         | 22.30               | 22.37                | 22.30                | 23                  | 1        |  |
| 1.4             | 16QAM      | 6       | 0         | 21.51               | 21.50                | 21.45                |                     |          |  |
| 1.4             | 16QAM      | 1       | 0         | 21.38               | 21.36                | 21.37                |                     |          |  |
| 1.4             | 16QAM      | 1       | 5         | 21.47               | 21.38                | 21.40                | 23                  | 1        |  |
| 1.4             | 16QAM      | 1       | 5         | 21.88               | 21.85                | 21.88                |                     |          |  |
| 1.4             | 16QAM      | 3       | 0         | 21.38               | 21.37                | 21.42                |                     |          |  |
| 1.4             | 16QAM      | 3       | 1         | 21.35               | 21.36                | 21.31                | 23                  | 1        |  |
| 1.4             | 16QAM      | 3       | 3         | 21.31               | 21.40                | 21.30                |                     |          |  |
| 1.4             | 16QAM      | 6       | 0         | 20.45               | 20.53                | 20.50                |                     |          |  |
| 1.4             | 25QAM      | 1       | 0         | 18.81               | 18.79                | 18.73                | 20                  | 4        |  |
| 1.4             | 25QAM      | 1       | 5         | 18.75               | 18.74                | 18.67                |                     |          |  |
| 1.4             | 25QAM      | 1       | 14        | 18.67               | 18.75                | 18.70                |                     |          |  |
| 1.4             | 25QAM      | 3       | 0         | 18.65               | 18.73                | 18.70                | 20                  | 4        |  |
| 1.4             | 25QAM      | 3       | 1         | 18.57               | 18.53                | 18.53                |                     |          |  |
| 1.4             | 25QAM      | 3       | 5         | 18.57               | 18.60                | 18.50                |                     |          |  |
| 1.4             | 25QAM      | 6       | 0         | 18.67               | 18.66                | 18.68                | 20                  | 4        |  |
| Channel         |            |         |           |                     |                      |                      |                     |          |  |
| Frequency (MHz) |            |         |           | 23000               | 23005                | 23130                | Time-up limit (dBm) |          |  |
| 1.4             | QPSK       | 1       | 0         | 22.91               | 22.95                | 22.81                | 24                  | 0        |  |
| 1.4             | QPSK       | 1       | 3         | 22.75               | 22.76                | 22.77                |                     |          |  |
| 1.4             | QPSK       | 1       | 5         | 22.82               | 22.85                | 22.87                |                     |          |  |
| 1.4             | QPSK       | 3       | 0         | 22.90               | 22.85                | 22.85                | 24                  | 0        |  |
| 1.4             | QPSK       | 3       | 1         | 22.81               | 22.77                | 22.83                |                     |          |  |
| 1.4             | QPSK       | 3       | 3         | 22.83               | 22.76                | 22.72                |                     |          |  |
| 1.4             | QPSK       | 5       | 0         | 22.78               | 22.77                | 22.81                | 24                  | 0        |  |
| 1.4             | 16QAM      | 1       | 0         | 22.70               | 22.79                | 22.74                |                     |          |  |
| 1.4             | 16QAM      | 1       | 3         | 22.71               | 22.86                | 22.85                |                     |          |  |
| 1.4             | 16QAM      | 1       | 5         | 22.87               | 22.83                | 22.83                | 24                  | 0        |  |
| 1.4             | 16QAM      | 3       | 0         | 22.41               | 22.41                | 22.33                |                     |          |  |
| 1.4             | 16QAM      | 3       | 1         | 22.37               | 22.33                | 22.28                |                     |          |  |
| 1.4             | 16QAM      | 3       | 3         | 22.30               | 22.37                | 22.30                | 23                  | 1        |  |
| 1.4             | 16QAM      | 6       | 0         | 21.51               | 21.50                | 21.45                |                     |          |  |
| 1.4             | 16QAM      | 1       | 0         | 21.38               | 21.36                | 21.37                |                     |          |  |
| 1.4             | 16QAM      | 1       | 5         | 21.47               | 21.38                | 21.40                | 23                  | 1        |  |
| 1.4             | 16QAM      | 1       | 5         | 21.88               | 21.85                | 21.88                |                     |          |  |
| 1.4             | 16QAM      | 3       | 0         | 21.38               | 21.37                | 21.42                |                     |          |  |
| 1.4             | 16QAM      | 3       | 1         | 21.35               | 21.36                | 21.31                | 23                  | 1        |  |
| 1.4             | 16QAM      | 3       | 3         | 21.31               | 21.40                | 21.30                |                     |          |  |
| 1.4             | 16QAM      | 6       | 0         | 20.45               | 20.53                | 20.50                |                     |          |  |
| 1.4             | 25QAM      | 1       | 0         | 18.81               | 18.79                | 18.73                | 20                  | 4        |  |
| 1.4             | 25QAM      | 1       | 5         | 18.75               | 18.74                | 18.67                |                     |          |  |
| 1.4             | 25QAM      | 1       | 14        | 18.67               | 18.75                | 18.70                |                     |          |  |
| 1.4             | 25QAM      | 3       | 0         | 18.65               | 18.73                | 18.70                | 20                  | 4        |  |
| 1.4             | 25QAM      | 3       | 1         | 18.57               | 18.53                | 18.53                |                     |          |  |
| 1.4             | 25QAM      | 3       | 5         | 18.57               | 18.60                | 18.50                |                     |          |  |
| 1.4             | 25QAM      | 6       | 0         | 18.67               | 18.66                | 18.68                | 20                  | 4        |  |

21.82

| Band 66_Ant 3   |            |         |           |                       |                        |                      |                    |          |  |
|-----------------|------------|---------|-----------|-----------------------|------------------------|----------------------|--------------------|----------|--|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power Limit Ch./Freq. | Power Max/Mn Ch./Freq. | Power Rpt. Ch./Freq. | Turn-up time (min) | MFR (dB) |  |
| Channel         |            |         |           |                       |                        |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                       |                        |                      |                    |          |  |
| 20              | QPSK       | 1       | 0         | 17.02                 | 18.02                  | 17.02                |                    |          |  |
| 20              | QPSK       | 1       | 40        | 18.09                 | 18.19                  | 18.18                | 17.5               | 0        |  |
| 20              | QPSK       | 30      | 0         | 18.07                 | 18.17                  | 18.15                |                    |          |  |
| 20              | QPSK       | 30      | 0         | 18.07                 | 18.12                  | 18.10                | 17.5               | 0        |  |
| 20              | QPSK       | 30      | 24        | 18.07                 | 18.12                  | 18.09                |                    |          |  |
| 20              | QPSK       | 100     | 0         | 18.05                 | 18.09                  | 18.08                |                    |          |  |
| 20              | 16QAM      | 1       | 0         | 18.06                 | 18.15                  | 18.05                |                    |          |  |
| 20              | 16QAM      | 1       | 40        | 18.04                 | 18.12                  | 18.12                | 17.5               | 0        |  |
| 20              | 16QAM      | 30      | 0         | 18.06                 | 18.12                  | 18.12                |                    |          |  |
| 20              | 16QAM      | 30      | 24        | 18.04                 | 18.14                  | 18.08                | 17.5               | 0        |  |
| 20              | 16QAM      | 30      | 0         | 18.01                 | 18.08                  | 18.07                |                    |          |  |
| 20              | 16QAM      | 100     | 0         | 18.09                 | 18.09                  | 18.09                |                    |          |  |
| 20              | 16QAM      | 1       | 0         | 18.07                 | 18.12                  | 18.09                |                    |          |  |
| 20              | 16QAM      | 1       | 40        | 18.02                 | 18.10                  | 18.05                | 17.5               | 0        |  |
| 20              | 16QAM      | 1       | 50        | 18.09                 | 18.14                  | 18.07                |                    |          |  |
| 20              | 16QAM      | 30      | 0         | 18.07                 | 18.12                  | 18.07                |                    |          |  |
| 20              | 16QAM      | 30      | 24        | 18.07                 | 18.12                  | 18.14                | 17.5               | 0        |  |
| 20              | 16QAM      | 30      | 0         | 18.07                 | 18.14                  | 18.05                |                    |          |  |
| 20              | 16QAM      | 30      | 0         | 18.02                 | 18.10                  | 18.10                |                    |          |  |
| 20              | 256QAM     | 1       | 0         | 18.09                 | 18.07                  | 18.10                | 17.5               | 0        |  |
| 20              | 256QAM     | 30      | 40        | 18.02                 | 18.12                  | 18.12                |                    |          |  |
| 20              | 256QAM     | 30      | 0         | 18.06                 | 18.12                  | 18.10                |                    |          |  |
| 20              | 256QAM     | 30      | 0         | 18.02                 | 18.13                  | 18.10                | 17.5               | 0        |  |
| 20              | 256QAM     | 1       | 0         | 18.09                 | 18.07                  | 18.10                |                    |          |  |
| 20              | 256QAM     | 30      | 0         | 18.02                 | 18.12                  | 18.10                |                    |          |  |
| 20              | 256QAM     | 30      | 0         | 18.02                 | 18.13                  | 18.10                | 17.5               | 0        |  |
| 20              | 256QAM     | 50      | 50        | 18.07                 | 18.14                  | 18.09                |                    |          |  |
| 20              | 256QAM     | 300     | 0         | 18.04                 | 18.08                  | 18.05                |                    |          |  |
| Channel         |            |         |           |                       |                        |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                       |                        |                      |                    |          |  |
| 15              | QPSK       | 1       | 0         | 18.13                 | 18.13                  | 18.13                |                    |          |  |
| 15              | QPSK       | 1       | 37        | 18.13                 | 18.04                  | 18.04                | 17.5               | 0        |  |
| 15              | QPSK       | 30      | 0         | 18.09                 | 18.09                  | 18.10                |                    |          |  |
| 15              | QPSK       | 30      | 0         | 18.09                 | 18.08                  | 18.10                |                    |          |  |
| 15              | QPSK       | 30      | 20        | 18.04                 | 18.05                  | 18.04                | 17.5               | 0        |  |
| 15              | QPSK       | 30      | 30        | 18.05                 | 18.07                  | 18.04                |                    |          |  |
| 15              | QPSK       | 70      | 0         | 18.02                 | 18.07                  | 18.07                |                    |          |  |
| 15              | 16QAM      | 1       | 0         | 18.09                 | 18.09                  | 18.09                |                    |          |  |
| 15              | 16QAM      | 1       | 37        | 18.02                 | 18.09                  | 18.09                | 17.5               | 0        |  |
| 15              | 16QAM      | 1       | 74        | 18.02                 | 18.03                  | 18.07                |                    |          |  |
| 15              | 16QAM      | 30      | 0         | 18.04                 | 18.08                  | 18.12                |                    |          |  |
| 15              | 16QAM      | 30      | 20        | 18.09                 | 18.08                  | 18.12                | 17.5               | 0        |  |
| 15              | 16QAM      | 30      | 0         | 18.09                 | 18.05                  | 18.05                |                    |          |  |
| 15              | 16QAM      | 70      | 0         | 18.09                 | 18.05                  | 18.05                |                    |          |  |
| 15              | 16QAM      | 1       | 0         | 18.09                 | 18.06                  | 18.06                |                    |          |  |
| 15              | 16QAM      | 1       | 37        | 18.02                 | 18.07                  | 18.04                | 17.5               | 0        |  |
| 15              | 16QAM      | 1       | 74        | 18.09                 | 18.02                  | 18.04                |                    |          |  |
| 15              | 16QAM      | 30      | 0         | 18.02                 | 18.07                  | 18.05                |                    |          |  |
| 15              | 16QAM      | 30      | 20        | 18.05                 | 18.07                  | 18.05                | 17.5               | 0        |  |
| 15              | 16QAM      | 30      | 0         | 18.09                 | 18.09                  | 18.04                |                    |          |  |
| 15              | 16QAM      | 30      | 0         | 18.09                 | 18.02                  | 18.05                |                    |          |  |
| 15              | 256QAM     | 1       | 0         | 18.09                 | 18.06                  | 18.07                | 17.5               | 0        |  |
| 15              | 256QAM     | 30      | 37        | 18.02                 | 18.07                  | 18.04                |                    |          |  |
| 15              | 256QAM     | 30      | 0         | 18.11                 | 18.09                  | 18.02                |                    |          |  |
| 15              | 256QAM     | 30      | 0         | 18.01                 | 18.04                  | 18.09                | 17.5               | 0        |  |
| 15              | 256QAM     | 30      | 30        | 18.13                 | 18.09                  | 18.09                |                    |          |  |
| 15              | 256QAM     | 70      | 0         | 18.02                 | 18.04                  | 18.05                |                    |          |  |
| Channel         |            |         |           |                       |                        |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                       |                        |                      |                    |          |  |
| 10              | QPSK       | 1       | 0         | 17.15                 | 17.45                  | 17.15                |                    |          |  |
| 10              | QPSK       | 1       | 25        | 18.18                 | 18.06                  | 18.02                | 17.5               | 0        |  |
| 10              | QPSK       | 1       | 40        | 18.07                 | 18.07                  | 18.06                |                    |          |  |
| 10              | QPSK       | 20      | 0         | 18.03                 | 18.04                  | 18.06                |                    |          |  |
| 10              | QPSK       | 20      | 12        | 18.06                 | 18.00                  | 18.07                | 17.5               | 0        |  |
| 10              | QPSK       | 20      | 0         | 18.09                 | 18.06                  | 18.06                |                    |          |  |
| 10              | QPSK       | 60      | 0         | 18.05                 | 18.09                  | 18.02                |                    |          |  |
| 10              | 16QAM      | 1       | 0         | 18.05                 | 18.07                  | 18.11                |                    |          |  |
| 10              | 16QAM      | 1       | 20        | 18.04                 | 18.05                  | 18.05                | 17.5               | 0        |  |
| 10              | 16QAM      | 1       | 40        | 18.10                 | 18.09                  | 18.09                |                    |          |  |
| 10              | 16QAM      | 30      | 0         | 18.09                 | 18.05                  | 18.05                |                    |          |  |
| 10              | 16QAM      | 20      | 12        | 18.13                 | 18.09                  | 18.02                | 17.5               | 0        |  |
| 10              | 16QAM      | 20      | 0         | 18.03                 | 18.10                  | 18.07                |                    |          |  |
| 10              | 16QAM      | 30      | 0         | 18.09                 | 18.09                  | 18.05                |                    |          |  |
| 10              | 16QAM      | 1       | 0         | 18.09                 | 18.09                  | 18.07                | 17.5               | 0        |  |
| 10              | 16QAM      | 1       | 40        | 18.09                 | 18.05                  | 18.07                |                    |          |  |
| 10              | 16QAM      | 20      | 0         | 18.07                 | 18.00                  | 18.02                |                    |          |  |
| 10              | 16QAM      | 20      | 12        | 18.05                 | 18.09                  | 18.05                | 17.5               | 0        |  |
| 10              | 16QAM      | 20      | 0         | 18.09                 | 18.09                  | 18.05                |                    |          |  |
| 10              | 16QAM      | 20      | 20        | 18.04                 | 18.09                  | 18.02                |                    |          |  |
| 10              | 16QAM      | 30      | 0         | 18.09                 | 18.10                  | 18.05                |                    |          |  |
| 10              | 256QAM     | 1       | 0         | 18.03                 | 18.08                  | 18.09                | 17.5               | 0        |  |
| 10              | 256QAM     | 1       | 20        | 18.03                 | 18.05                  | 18.05                |                    |          |  |
| 10              | 256QAM     | 40      | 0         | 18.09                 | 18.09                  | 18.07                |                    |          |  |
| 10              | 256QAM     | 20      | 0         | 18.02                 | 18.07                  | 18.05                |                    |          |  |
| 10              | 256QAM     | 12      | 12        | 18.02                 | 18.05                  | 18.05                | 17.5               | 0        |  |
| 10              | 256QAM     | 20      | 20        | 18.09                 | 18.07                  | 18.02                |                    |          |  |
| 10              | 256QAM     | 30      | 20        | 18.09                 | 18.07                  | 18.02                |                    |          |  |
| 10              | 256QAM     | 50      | 0         | 18.04                 | 18.04                  | 18.04                |                    |          |  |
| Channel         |            |         |           |                       |                        |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                       |                        |                      |                    |          |  |
| 5               | QPSK       | 1       | 0         | 18.12                 | 18.14                  | 18.21                |                    |          |  |
| 5               | QPSK       | 1       | 12        | 18.09                 | 18.10                  | 18.20                | 17.5               | 0        |  |
| 5               | QPSK       | 1       | 24        | 18.09                 | 18.00                  | 18.10                |                    |          |  |
| 5               | QPSK       | 12      | 0         | 18.12                 | 18.06                  | 18.10                |                    |          |  |
| 5               | QPSK       | 12      | 7         | 18.10                 | 18.05                  | 18.05                | 17.5               | 0        |  |
| 5               | QPSK       | 12      | 15        | 18.03                 | 18.01                  | 18.07                |                    |          |  |
| 5               | QPSK       | 20      | 0         | 18.03                 | 18.01                  | 18.06                |                    |          |  |
| 5               | 16QAM      | 1       | 0         | 18.14                 | 18.09                  | 18.10                | 17.5               | 0        |  |
| 5               | 16QAM      | 12      | 12        | 18.09                 | 18.02                  | 18.05                |                    |          |  |
| 5               | 16QAM      | 1       | 24        | 18.11                 | 18.03                  | 18.01                |                    |          |  |
| 5               | 16QAM      | 12      | 0         | 18.03                 | 18.09                  | 18.05                |                    |          |  |
| 5               | 16QAM      | 12      | 13        | 18.02                 | 18.01                  | 18.06                | 17.5               | 0        |  |
| 5               | 16QAM      | 20      | 0         | 18.04                 | 18.06                  | 18.05                |                    |          |  |
| 5               | 16QAM      | 20      | 0         | 18.03                 | 18.08                  | 18.05                |                    |          |  |
| 5               | 16QAM      | 20      | 0         | 18.01                 | 18.05                  | 18.10                |                    |          |  |
| 5               | 16QAM      | 20      | 12        | 18.04                 | 18.09                  | 18.06                | 17.5               | 0        |  |
| 5               | 16QAM      | 20      | 12        | 18.03                 | 18.08                  | 18.05                |                    |          |  |
| 5               | 16QAM      | 20      | 12        | 18.03                 | 18.09                  | 18.01                |                    |          |  |
| 5               | 16QAM      | 20      | 12        | 18.03                 | 18.04                  | 18.07                | 17.5               | 0        |  |
| 5               | 256QAM     | 1       | 0         | 18.02                 | 18.01                  | 18.07                |                    |          |  |
| 5               | 256QAM     | 20      | 0         | 18.05                 | 18.01                  | 18.07                |                    |          |  |
| Channel         |            |         |           |                       |                        |                      |                    |          |  |
| Frequency (MHz) |            |         |           |                       |                        |                      |                    |          |  |
| 1.4             | QPSK       | 1       | 0         | 18.18                 | 18.13                  | 18.24                |                    |          |  |
| 1.4             | QPSK       | 1       | 8         | 18.13                 | 18.12                  | 18.12                | 17.5               | 0        |  |
| 1.4             | QPSK       | 1       | 14        | 18.09                 | 18.09                  | 18.05                |                    |          |  |
| 1.4             | QPSK       | 8       | 0         | 18.07                 | 18.13                  | 18.10                |                    |          |  |
| 1.4             | QPSK       | 8       | 4         | 18.04                 | 18.04                  | 18.06                | 17.5               | 0        |  |
| 1.4             | QPSK       | 8       | 7         | 18.02                 | 18.09                  | 18.08                |                    |          |  |
| 1.4             | 16QAM      | 6       | 0         | 18.04                 | 18.05                  | 18.05                |                    |          |  |
| 1.4             | 16QAM      | 1       | 0         | 18.18                 | 18.14                  | 18.02                | 17.5               | 0        |  |
| 1.4             | 16QAM      | 8       | 0         | 18.06                 | 18.02                  | 18.10                |                    |          |  |
| 1.4             | 16QAM      | 8       | 0         | 18.11                 | 18.11                  | 18.08                |                    |          |  |
| 1.4             | 16QAM      | 8       | 0         | 18.03                 | 18.06                  | 18.05                | 17.5               | 0        |  |
| 1.4             | 16QAM      | 8       | 7         | 18.08                 | 18.13                  | 18.08                |                    |          |  |
| 1.4             | 16QAM      | 75      | 0         | 18.06                 | 18.10                  | 18.05                |                    |          |  |
| 1.4             | 16QAM      | 0       | 0         | 18.04                 | 18.01                  | 18.01                | 17.5               | 0        |  |
| 1.4             | 16QAM      | 1       | 8         | 18.05                 | 18.00                  | 18.05                |                    |          |  |
| 1.4             | 16QAM      | 16      | 0         | 18.11                 | 18.10                  | 18.05                |                    |          |  |
| 1.4             | 16QAM      | 8       | 0         | 18.12                 | 18.05                  | 18.14                |                    |          |  |
| 1.4             | 16QAM      | 8       | 0         | 18.09                 | 18.02                  | 18.05                | 17.5               | 0        |  |
| 1.4             | 16QAM      | 1       | 8         | 18.03                 | 18.03                  | 18.08                |                    |          |  |
| 1.4             | 16QAM      | 1       | 14        | 18.02                 | 18.06                  | 18.02                |                    |          |  |
| 1.4             | 16QAM      | 8       | 0         | 18.11                 | 18.10                  | 18.05                |                    |          |  |
| 1.4             | 256QAM     | 8       | 4         | 18.02                 | 18.02                  | 18.10                | 17.5               | 0        |  |
| 1.4             | 256QAM     | 8       | 7         | 18.03                 | 18.02                  | 18.11                |                    |          |  |
| 1.4             | 256QAM     | 16      | 0         | 18.02                 | 18.06                  | 18.08                |                    |          |  |

| n2_Ant 3        |            |         |           |                      |                         |                       |                     |          |
|-----------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|
| 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         |            |         |           | 374000               | 376000                  | 378000                |                     |          |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 40              | PV2 BPSK   | 1       | 1         | 16.50                | 16.64                   | 16.56                 | 18.0                | 0.0      |
| 40              | PV2 BPSK   | 1       | 108       | 16.58                | 16.64                   | 16.52                 | 18.0                | 0.0      |
| 40              | PV2 BPSK   | 1       | 214       | 16.54                | 16.64                   | 16.63                 | 18.0                | 0.0      |
| 40              | PV2 BPSK   | 108     | 0         | 16.53                | 16.65                   | 16.54                 | 18.0                | 0.0      |
| 40              | PV2 BPSK   | 108     | 54        | 16.56                | 16.57                   | 16.60                 | 18.0                | 0.0      |
| 40              | PV2 BPSK   | 108     | 108       | 16.46                | 16.64                   | 16.58                 | 18.0                | 0.0      |
| 40              | PV2 BPSK   | 216     | 0         | 16.48                | 16.60                   | 16.62                 | 18.0                | 0.0      |
| 40              | QPSK       | 1       | 1         | 16.64                | 16.72                   | 16.69                 | 18.0                | 0.0      |
| 40              | QPSK       | 1       | 108       | 16.60                | 16.67                   | 16.54                 | 18.0                | 0.0      |
| 40              | QPSK       | 1       | 214       | 16.60                | 16.70                   | 16.58                 | 18.0                | 0.0      |
| 40              | QPSK       | 108     | 0         | 16.55                | 16.56                   | 16.54                 | 18.0                | 0.0      |
| 40              | QPSK       | 108     | 54        | 16.60                | 16.69                   | 16.67                 | 18.0                | 0.0      |
| 40              | QPSK       | 108     | 108       | 16.55                | 16.56                   | 16.59                 | 18.0                | 0.0      |
| 40              | QPSK       | 216     | 0         | 16.50                | 16.56                   | 16.52                 | 18.0                | 0.0      |
| 40              | 16QAM      | 1       | 1         | 16.58                | 16.56                   | 16.57                 | 18.0                | 0.0      |
| 40              | 64QAM      | 1       | 1         | 16.55                | 16.57                   | 16.64                 | 18.0                | 0.0      |
| 40              | 256QAM     | 1       | 1         | 16.59                | 16.57                   | 16.64                 | 18.0                | 0.0      |
| Channel         |            |         |           | 375000               | 376000                  | 376000                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 35              | QPSK       | 1       | 1         | 16.51                | 16.66                   | 16.63                 | 18.0                | 0.0      |
| Channel         |            |         |           | 373000               | 376000                  | 379000                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 30              | QPSK       | 1       | 1         | 16.58                | 16.67                   | 16.61                 | 18.0                | 0.0      |
| Channel         |            |         |           | 372500               | 376000                  | 379500                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 25              | QPSK       | 1       | 1         | 16.47                | 16.50                   | 16.61                 | 18.0                | 0.0      |
| Channel         |            |         |           | 372000               | 376000                  | 380000                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 20              | QPSK       | 1       | 1         | 16.50                | 16.60                   | 16.60                 | 18.0                | 0.0      |
| Channel         |            |         |           | 371500               | 376000                  | 380500                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 15              | QPSK       | 1       | 1         | 16.45                | 16.64                   | 16.60                 | 18.0                | 0.0      |
| Channel         |            |         |           | 371000               | 376000                  | 381000                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 10              | QPSK       | 1       | 1         | 16.52                | 16.64                   | 16.54                 | 18.0                | 0.0      |
| Channel         |            |         |           | 370500               | 376000                  | 381500                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 5               | QPSK       | 1       | 1         | 16.43                | 16.61                   | 16.62                 | 18.0                | 0.0      |

| n2_Ant 2(ENDC)  |            |         |           |                      |                         |                       |                     |          |
|-----------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|
| 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         |            |         |           | 374000               | 376000                  | 378000                |                     |          |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 40              | PV2 BPSK   | 1       | 1         | 14.77                | 14.81                   | 14.74                 | 16.5                | 0.0      |
| 40              | PV2 BPSK   | 1       | 108       | 14.75                | 14.79                   | 14.80                 | 16.5                | 0.0      |
| 40              | PV2 BPSK   | 1       | 214       | 14.78                | 14.80                   | 14.78                 | 16.5                | 0.0      |
| 40              | PV2 BPSK   | 108     | 0         | 14.80                | 14.79                   | 14.76                 | 16.5                | 0.0      |
| 40              | PV2 BPSK   | 108     | 54        | 14.79                | 14.82                   | 14.81                 | 16.5                | 0.0      |
| 40              | PV2 BPSK   | 108     | 108       | 14.77                | 14.82                   | 14.74                 | 16.5                | 0.0      |
| 40              | PV2 BPSK   | 216     | 0         | 14.73                | 14.82                   | 14.73                 | 16.5                | 0.0      |
| 40              | QPSK       | 1       | 1         | 14.85                | 14.91                   | 14.84                 | 16.5                | 0.0      |
| 40              | QPSK       | 1       | 108       | 14.78                | 14.80                   | 14.79                 | 16.5                | 0.0      |
| 40              | QPSK       | 1       | 214       | 14.83                | 14.83                   | 14.82                 | 16.5                | 0.0      |
| 40              | QPSK       | 108     | 0         | 14.82                | 14.87                   | 14.83                 | 16.5                | 0.0      |
| 40              | QPSK       | 108     | 54        | 14.83                | 14.88                   | 14.84                 | 16.5                | 0.0      |
| 40              | QPSK       | 108     | 108       | 14.80                | 14.86                   | 14.80                 | 16.5                | 0.0      |
| 40              | QPSK       | 216     | 0         | 14.74                | 14.84                   | 14.82                 | 16.5                | 0.0      |
| 40              | 16QAM      | 1       | 1         | 14.77                | 14.85                   | 14.77                 | 16.5                | 0.0      |
| 40              | 64QAM      | 1       | 1         | 14.80                | 14.77                   | 14.79                 | 16.5                | 0.0      |
| 40              | 256QAM     | 1       | 1         | 14.80                | 14.82                   | 14.82                 | 16.5                | 0.0      |
| Channel         |            |         |           | 375000               | 376000                  | 376000                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 35              | QPSK       | 1       | 1         | 14.72                | 14.81                   | 14.77                 | 16.5                | 0.0      |
| Channel         |            |         |           | 373000               | 376000                  | 379000                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 30              | QPSK       | 1       | 1         | 14.78                | 14.85                   | 14.77                 | 16.5                | 0.0      |
| Channel         |            |         |           | 372500               | 376000                  | 379500                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 25              | QPSK       | 1       | 1         | 14.70                | 14.84                   | 14.81                 | 16.5                | 0.0      |
| Channel         |            |         |           | 372000               | 376000                  | 380000                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 20              | QPSK       | 1       | 1         | 14.74                | 14.83                   | 14.79                 | 16.5                | 0.0      |
| Channel         |            |         |           | 371500               | 376000                  | 380500                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 15              | QPSK       | 1       | 1         | 14.79                | 14.85                   | 14.74                 | 16.5                | 0.0      |
| Channel         |            |         |           | 371000               | 376000                  | 381000                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 10              | QPSK       | 1       | 1         | 14.77                | 14.86                   | 14.79                 | 16.5                | 0.0      |
| Channel         |            |         |           | 370500               | 376000                  | 381500                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 5               | QPSK       | 1       | 1         | 14.70                | 14.85                   | 14.82                 | 16.5                | 0.0      |

| n5_Ant 0        |            |         |           |                      |                         |                       |                     |          |
|-----------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq | Power Middle Ch. / Freq | Power High Ch. / Freq | Tune-up limit (dBm) | MPR (dB) |
| Channel         |            |         |           | 167400               | 167300                  |                       |                     |          |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 25              | PV2 BPSK   | 1       | 1         | 23.70                |                         |                       | 25.0                | 0.0      |
| 25              | PV2 BPSK   | 1       | 65        | 23.72                |                         |                       |                     |          |
| 25              | PV2 BPSK   | 1       | 131       | 23.70                |                         |                       |                     |          |
| 25              | PV2 BPSK   | 64      | 0         | 23.18                |                         |                       | 24.5                | 0.5      |
| 25              | PV2 BPSK   | 64      | 32        | 23.81                |                         |                       | 25.0                | 0.0      |
| 25              | PV2 BPSK   | 64      | 66        | 23.28                |                         |                       | 24.5                | 0.5      |
| 25              | PV2 BPSK   | 128     | 0         | 23.27                |                         |                       |                     |          |
| 25              | QPSK       | 1       | 1         | 23.73                |                         |                       | 25.0                | 0.0      |
| 25              | QPSK       | 1       | 65        | 23.73                |                         |                       |                     |          |
| 25              | QPSK       | 1       | 131       | 23.70                |                         |                       |                     |          |
| 25              | QPSK       | 64      | 0         | 22.71                |                         |                       | 24.0                | 1.0      |
| 25              | QPSK       | 64      | 32        | 23.78                |                         |                       | 25.0                | 0.0      |
| 25              | QPSK       | 64      | 66        | 22.80                |                         |                       | 24.0                | 1.0      |
| 25              | QPSK       | 128     | 0         | 22.77                |                         |                       |                     |          |
| 25              | 16QAM      | 1       | 1         | 22.41                |                         |                       | 24.0                | 1.0      |
| 25              | 64QAM      | 1       | 1         | 20.98                |                         |                       | 22.5                | 2.5      |
| 25              | 256QAM     | 1       | 1         | 19.61                |                         |                       | 20.5                | 4.5      |
| Channel         |            |         |           | 166800               | 167300                  | 167800                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 20              | QPSK       | 1       | 1         | 23.62                | 23.77                   | 23.60                 | 25.0                | 0.0      |
| Channel         |            |         |           | 166300               | 167300                  | 166800                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 15              | QPSK       | 1       | 1         | 23.67                | 23.75                   | 23.56                 | 25.0                | 0.0      |
| Channel         |            |         |           | 165800               | 167300                  | 166800                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 10              | QPSK       | 1       | 1         | 23.61                | 23.81                   | 23.62                 | 25.0                | 0.0      |
| Channel         |            |         |           | 165300               | 167300                  | 166800                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 5               | QPSK       | 1       | 1         | 23.71                | 23.76                   | 23.67                 | 25.0                | 0.0      |

| n25_Ant 3       |            |         |           |                     |                        |                      |                     |          |  |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| 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         |            |         |           | 374000              | 376500                 | 379000               |                     |          |  |
| Frequency (MHz) |            |         |           | 1840                | 1862.5                 | 1885                 |                     |          |  |
| 40              | PI2 BPSK   | 1       | 1         | 16.50               | 16.62                  | 16.65                | 18.0                | 0.0      |  |
| 40              | PI2 BPSK   | 1       | 108       | 16.53               | 16.68                  | 16.62                |                     |          |  |
| 40              | PI2 BPSK   | 1       | 214       | 16.53               | 16.66                  | 16.65                |                     |          |  |
| 40              | PI2 BPSK   | 108     | 0         | 16.52               | 16.70                  | 16.56                | 18.0                | 0.0      |  |
| 40              | PI2 BPSK   | 108     | 54        | 16.51               | 16.61                  | 16.62                | 18.0                | 0.0      |  |
| 40              | PI2 BPSK   | 108     | 108       | 16.47               | 16.68                  | 16.65                | 18.0                | 0.0      |  |
| 40              | PI2 BPSK   | 216     | 0         | 16.50               | 16.62                  | 16.64                | 18.0                | 0.0      |  |
| 40              | QPSK       | 1       | 1         | 16.67               | 16.77                  | 16.74                | 18.0                | 0.0      |  |
| 40              | QPSK       | 1       | 108       | 16.57               | 16.72                  | 16.66                |                     |          |  |
| 40              | QPSK       | 1       | 214       | 16.57               | 16.73                  | 16.66                |                     |          |  |
| 40              | QPSK       | 108     | 0         | 16.51               | 16.67                  | 16.60                | 18.0                | 0.0      |  |
| 40              | QPSK       | 108     | 54        | 16.57               | 16.71                  | 16.66                | 18.0                | 0.0      |  |
| 40              | QPSK       | 108     | 108       | 16.48               | 16.69                  | 16.65                | 18.0                | 0.0      |  |
| 40              | QPSK       | 216     | 0         | 16.51               | 16.65                  | 16.57                | 18.0                | 0.0      |  |
| 40              | 16QAM      | 1       | 1         | 16.50               | 16.62                  | 16.62                | 18.0                | 0.0      |  |
| 40              | 64QAM      | 1       | 1         | 16.50               | 16.61                  | 16.57                | 18.0                | 0.0      |  |
| 40              | 256QAM     | 1       | 1         | 16.52               | 16.64                  | 16.63                | 18.0                | 0.0      |  |
| Channel         |            |         |           | 372000              | 376500                 | 379500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1867.5              | 1882.5                 | 1897.5               |                     |          |  |
| 35              | QPSK       | 1       | 1         | 16.48               | 16.69                  | 16.61                | 18.0                | 0.0      |  |
| Channel         |            |         |           | 374000              | 376500                 | 380000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1865                | 1882.5                 | 1900                 |                     |          |  |
| 30              | QPSK       | 1       | 1         | 16.52               | 16.64                  | 16.56                | 18.0                | 0.0      |  |
| Channel         |            |         |           | 372000              | 376500                 | 380500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1862.5              | 1882.5                 | 1902.5               |                     |          |  |
| 25              | QPSK       | 1       | 1         | 16.51               | 16.62                  | 16.62                | 18.0                | 0.0      |  |
| Channel         |            |         |           | 372000              | 376500                 | 381000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1860                | 1882.5                 | 1905                 |                     |          |  |
| 20              | QPSK       | 1       | 1         | 16.49               | 16.60                  | 16.61                | 18.0                | 0.0      |  |
| Channel         |            |         |           | 371500              | 376500                 | 381500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1867.5              | 1882.5                 | 1907.5               |                     |          |  |
| 15              | QPSK       | 1       | 1         | 16.49               | 16.63                  | 16.56                | 18.0                | 0.0      |  |
| Channel         |            |         |           | 371000              | 376500                 | 382000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1865                | 1882.5                 | 1910                 |                     |          |  |
| 10              | QPSK       | 1       | 1         | 16.49               | 16.62                  | 16.62                | 18.0                | 0.0      |  |
| Channel         |            |         |           | 370500              | 376500                 | 382500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1862.5              | 1882.5                 | 1912.5               |                     |          |  |
| 5               | QPSK       | 1       | 1         | 16.51               | 16.67                  | 16.57                | 18.0                | 0.0      |  |

| n66_Ant 3       |            |         |           |                     |                        |                      |                     |          |  |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| 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         |            |         |           | 346500              | 349000                 | 351500               |                     |          |  |
| Frequency (MHz) |            |         |           | 1722.5              | 1745                   | 1767.5               |                     |          |  |
| 45              | PI2 BPSK   | 1       | 1         | 20.24               | 20.34                  | 20.18                | 20.5                | 0.0      |  |
| 45              | PI2 BPSK   | 1       | 122       | 20.17               | 20.34                  | 20.22                |                     |          |  |
| 45              | PI2 BPSK   | 1       | 243       | 20.22               | 20.30                  | 20.24                |                     |          |  |
| 45              | PI2 BPSK   | 120     | 0         | 20.19               | 20.34                  | 20.26                | 20.5                | 0.0      |  |
| 45              | PI2 BPSK   | 120     | 60        | 20.20               | 20.29                  | 20.19                | 20.5                | 0.0      |  |
| 45              | PI2 BPSK   | 120     | 122       | 20.23               | 20.28                  | 20.22                | 20.5                | 0.0      |  |
| 45              | PI2 BPSK   | 243     | 0         | 20.23               | 20.27                  | 20.17                | 20.5                | 0.0      |  |
| 45              | QPSK       | 1       | 1         | 20.31               | 20.41                  | 20.31                | 20.5                | 0.0      |  |
| 45              | QPSK       | 1       | 122       | 20.26               | 20.38                  | 20.31                |                     |          |  |
| 45              | QPSK       | 1       | 243       | 20.23               | 20.38                  | 20.29                |                     |          |  |
| 45              | QPSK       | 120     | 0         | 20.18               | 20.26                  | 20.20                | 20.5                | 0.0      |  |
| 45              | QPSK       | 120     | 60        | 20.25               | 20.35                  | 20.27                | 20.5                | 0.0      |  |
| 45              | QPSK       | 120     | 122       | 20.16               | 20.34                  | 20.24                | 20.5                | 0.0      |  |
| 45              | QPSK       | 243     | 0         | 20.15               | 20.28                  | 20.22                | 20.5                | 0.0      |  |
| 45              | 16QAM      | 1       | 1         | 20.22               | 20.29                  | 20.21                | 20.5                | 0.0      |  |
| 45              | 64QAM      | 1       | 1         | 20.15               | 20.26                  | 20.21                | 20.5                | 0.0      |  |
| 45              | 256QAM     | 1       | 1         | 20.17               | 20.31                  | 20.19                | 20.5                | 0.0      |  |
| Channel         |            |         |           | 346000              | 349000                 | 352000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1730                | 1745                   | 1760                 |                     |          |  |
| 40              | QPSK       | 1       | 1         | 20.20               | 20.31                  | 20.21                | 20.5                | 0.0      |  |
| Channel         |            |         |           | 345500              | 349000                 | 352500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1727.5              | 1745                   | 1762.5               |                     |          |  |
| 35              | QPSK       | 1       | 1         | 20.17               | 20.30                  | 20.17                | 20.5                | 0.0      |  |
| Channel         |            |         |           | 345000              | 349000                 | 353000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1725                | 1745                   | 1765                 |                     |          |  |
| 30              | QPSK       | 1       | 1         | 20.20               | 20.29                  | 20.26                | 20.5                | 0.0      |  |
| Channel         |            |         |           | 344500              | 349000                 | 353500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1722.5              | 1745                   | 1767.5               |                     |          |  |
| 25              | QPSK       | 1       | 1         | 20.18               | 20.27                  | 20.17                | 20.5                | 0.0      |  |
| Channel         |            |         |           | 344000              | 349000                 | 354000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1720                | 1745                   | 1770                 |                     |          |  |
| 20              | QPSK       | 1       | 1         | 20.21               | 20.27                  | 20.20                | 20.5                | 0.0      |  |
| Channel         |            |         |           | 343500              | 349000                 | 354500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1717.5              | 1745                   | 1772.5               |                     |          |  |
| 15              | QPSK       | 1       | 1         | 20.24               | 20.28                  | 20.23                | 20.5                | 0.0      |  |
| Channel         |            |         |           | 343000              | 349000                 | 355000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1715                | 1745                   | 1775                 |                     |          |  |
| 10              | QPSK       | 1       | 1         | 20.24               | 20.30                  | 20.22                | 20.5                | 0.0      |  |
| Channel         |            |         |           | 342500              | 349000                 | 355500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1712.5              | 1745                   | 1777.5               |                     |          |  |
| 5               | QPSK       | 1       | 1         | 20.24               | 20.33                  | 20.20                | 20.5                | 0.0      |  |

| n66_Ant 2(ENDC) |            |         |           |                     |                        |                      |                     |          |  |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| 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         |            |         |           | 346500              | 349000                 | 351500               |                     |          |  |
| Frequency (MHz) |            |         |           | 1732.5              | 1745                   | 1757.5               |                     |          |  |
| 45              | PI2 BPSK   | 1       | 1         | 22.33               | 22.45                  | 22.38                | 24.0                | 0.0      |  |
| 45              | PI2 BPSK   | 1       | 122       | 22.25               | 22.39                  | 22.38                |                     |          |  |
| 45              | PI2 BPSK   | 1       | 243       | 22.22               | 22.32                  | 22.21                |                     |          |  |
| 45              | PI2 BPSK   | 120     | 0         | 21.92               | 22.00                  | 21.99                | 23.5                | 0.5      |  |
| 45              | PI2 BPSK   | 120     | 60        | 22.22               | 22.37                  | 22.37                | 24.0                | 0.0      |  |
| 45              | PI2 BPSK   | 120     | 122       | 21.79               | 21.92                  | 21.82                | 23.5                | 0.5      |  |
| 45              | PI2 BPSK   | 243     | 0         | 21.81               | 21.96                  | 21.83                | 23.5                | 0.5      |  |
| Channel         |            |         |           | 346000              | 349000                 | 352000               |                     |          |  |
| Frequency (MHz) |            |         |           | 1730                | 1745                   | 1760                 |                     |          |  |
| 40              | QPSK       | 1       | 1         | 22.38               | 22.41                  | 22.33                | 24.0                | 0.0      |  |
| Channel         |            |         |           | 345500              | 349000                 | 352500               |                     |          |  |
| Frequency (MHz) |            |         |           | 1727.5              | 1745                   | 1762.5               |                     |          |  |
| 35              | QPSK       | 1       | 1         | 22.35               | 22.37                  | 22.25                | 24.0                | 0.0      |  |
| Channel         |            |         |           | 345000              | 349000                 | 353000               |                     |          |  |
| Frequency (MHz) |            |         |           | 1725                | 1745                   | 1765                 |                     |          |  |
| 30              | QPSK       | 1       | 1         | 22.38               | 22.41                  | 22.37                | 24.0                | 0.0      |  |
| Channel         |            |         |           | 344500              | 349000                 | 353500               |                     |          |  |
| Frequency (MHz) |            |         |           | 1722.5              | 1745                   | 1767.5               |                     |          |  |
| 25              | QPSK       | 1       | 1         | 22.31               | 22.34                  | 22.24                | 24.0                | 0.0      |  |
| Channel         |            |         |           | 344000              | 349000                 | 354000               |                     |          |  |
| Frequency (MHz) |            |         |           | 1720                | 1745                   | 1770                 |                     |          |  |
| 20              | QPSK       | 1       | 1         | 22.35               | 22.39                  | 22.30                | 24.0                | 0.0      |  |
| Channel         |            |         |           | 343500              | 349000                 | 354500               |                     |          |  |
| Frequency (MHz) |            |         |           | 1717.5              | 1745                   | 1772.5               |                     |          |  |
| 15              | QPSK       | 1       | 1         | 22.36               | 22.37                  | 22.27                | 24.0                | 0.0      |  |
| Channel         |            |         |           | 343000              | 349000                 | 355000               |                     |          |  |
| Frequency (MHz) |            |         |           | 1715                | 1745                   | 1775                 |                     |          |  |
| 10              | QPSK       | 1       | 1         | 22.45               | 22.40                  | 22.27                | 24.0                | 0.0      |  |
| Channel         |            |         |           | 342500              | 349000                 | 355500               |                     |          |  |
| Frequency (MHz) |            |         |           | 1712.5              | 1745                   | 1777.5               |                     |          |  |
| 5               | QPSK       | 1       | 1         | 22.46               | 22.33                  | 22.35                | 24.0                | 0.0      |  |

| FCC_n41_Ant 3   |            |         |           |                       |                          |                        |                     |          |  |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| 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         |            |         |           | 505202                | 518598                   | 528000                 | 20.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |          |  |
| 100             | PI/2 BPSK  | 1       | 1         | 18.57                 | 18.84                    | 18.70                  | 20.0                | 0.0      |  |
| 100             | PI/2 BPSK  | 1       | 137       | 18.63                 | 18.71                    | 18.73                  |                     |          |  |
| 100             | PI/2 BPSK  | 1       | 271       | 18.60                 | 18.75                    | 18.74                  |                     |          |  |
| 100             | PI/2 BPSK  | 135     | 0         | 18.63                 | 18.82                    | 18.67                  |                     |          |  |
| 100             | PI/2 BPSK  | 135     | 69        | 18.53                 | 18.72                    | 18.71                  | 20.0                | 0.0      |  |
| 100             | PI/2 BPSK  | 135     | 138       | 18.60                 | 18.83                    | 18.78                  | 20.0                | 0.0      |  |
| 100             | PI/2 BPSK  | 270     | 0         | 18.56                 | 18.72                    | 18.70                  |                     |          |  |
| 100             | QPSK       | 1       | 1         | 18.76                 | 18.89                    | 18.88                  |                     |          |  |
| 100             | QPSK       | 1       | 137       | 18.66                 | 18.78                    | 18.80                  |                     |          |  |
| 100             | QPSK       | 1       | 271       | 18.74                 | 18.76                    | 18.76                  | 20.0                | 0.0      |  |
| 100             | QPSK       | 135     | 0         | 18.53                 | 18.83                    | 18.75                  |                     |          |  |
| 100             | QPSK       | 135     | 69        | 18.58                 | 18.88                    | 18.80                  |                     |          |  |
| 100             | QPSK       | 135     | 138       | 18.55                 | 18.71                    | 18.68                  |                     |          |  |
| 100             | QPSK       | 270     | 0         | 18.53                 | 18.77                    | 18.74                  | 20.0                | 0.0      |  |
| 100             | 16QAM      | 1       | 1         | 18.82                 | 18.72                    | 18.79                  | 20.0                | 0.0      |  |
| 100             | 64QAM      | 1       | 1         | 18.59                 | 18.83                    | 18.79                  | 20.0                | 0.0      |  |
| 100             | 256QAM     | 1       | 1         | 18.60                 | 18.85                    | 18.79                  | 20.0                | 0.0      |  |
| Channel         |            |         |           | 505200                | 518598                   | 528098                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                | 20.0                | 0.0      |  |
| 90              | QPSK       | 1       | 1         | 18.54                 | 18.73                    | 18.79                  | 20.0                | 0.0      |  |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                | 20.0                | 0.0      |  |
| 80              | QPSK       | 1       | 1         | 18.59                 | 18.82                    | 18.76                  | 20.0                | 0.0      |  |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   | 20.0                | 0.0      |  |
| 70              | QPSK       | 1       | 1         | 18.62                 | 18.73                    | 18.75                  | 20.0                | 0.0      |  |
| Channel         |            |         |           | 505200                | 518598                   | 531998                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                | 20.0                | 0.0      |  |
| 60              | QPSK       | 1       | 1         | 18.67                 | 18.81                    | 18.77                  | 20.0                | 0.0      |  |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                | 20.0                | 0.0      |  |
| 50              | QPSK       | 1       | 1         | 18.60                 | 18.81                    | 18.70                  | 20.0                | 0.0      |  |
| Channel         |            |         |           | 503700                | 518598                   | 533498                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2518.5                | 2592.99                  | 2667.48                | 20.0                | 0.0      |  |
| 45              | QPSK       | 1       | 1         | 18.67                 | 18.82                    | 18.76                  | 20.0                | 0.0      |  |
| Channel         |            |         |           | 502200                | 518598                   | 534000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   | 20.0                | 0.0      |  |
| 40              | QPSK       | 1       | 1         | 18.66                 | 18.75                    | 18.79                  | 20.0                | 0.0      |  |
| Channel         |            |         |           | 502704                | 518598                   | 534498                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2513.52               | 2592.99                  | 2672.49                | 20.0                | 0.0      |  |
| 35              | QPSK       | 1       | 1         | 18.57                 | 18.83                    | 18.75                  | 20.0                | 0.0      |  |
| Channel         |            |         |           | 502200                | 518598                   | 534998                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                | 20.0                | 0.0      |  |
| 30              | QPSK       | 1       | 1         | 18.54                 | 18.72                    | 18.70                  | 20.0                | 0.0      |  |
| Channel         |            |         |           | 501702                | 518598                   | 535500                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2508.51               | 2592.99                  | 2677.5                 | 20.0                | 0.0      |  |
| 25              | QPSK       | 1       | 1         | 18.66                 | 18.83                    | 18.65                  | 20.0                | 0.0      |  |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                | 20.0                | 0.0      |  |
| 20              | QPSK       | 1       | 1         | 18.57                 | 18.73                    | 18.74                  | 20.0                | 0.0      |  |
| Channel         |            |         |           | 500700                | 518598                   | 536498                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                | 20.0                | 0.0      |  |
| 15              | QPSK       | 1       | 1         | 18.58                 | 18.74                    | 18.75                  | 20.0                | 0.0      |  |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   | 20.0                | 0.0      |  |
| 10              | QPSK       | 1       | 1         | 18.61                 | 18.83                    | 18.70                  | 20.0                | 0.0      |  |

| Part96_n77_Ant 4 |            |         |           |                      |                         |                       |                     |          |      |
|------------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|------|
| BW [MHz]         | Modulation | RB Size | RB Offset | Power Low Ch./ Freq. | Power Middle Ch./ Freq. | Power High Ch./ Freq. | Tune-up limit (dBm) | MPR (dB) |      |
| Channel          |            |         |           | 640000               | 641666                  | 643332                |                     |          |      |
| Frequency (MHz)  |            |         |           | 3600                 | 3624.99                 | 3649.98               |                     |          |      |
| 100              | PI/2 BPSK  | 1       | 1         | 16.08                | 16.23                   | 16.11                 | 17.5                | 0.0      |      |
| 100              | PI/2 BPSK  | 1       | 137       | 16.13                | 16.24                   | 16.11                 |                     |          |      |
| 100              | PI/2 BPSK  | 1       | 271       | 16.09                | 16.12                   | 15.99                 |                     |          |      |
| 100              | PI/2 BPSK  | 135     | 0         | 16.12                | 16.13                   | 16.02                 |                     |          | 17.5 |
| 100              | PI/2 BPSK  | 135     | 69        | 16.09                | 16.23                   | 16.12                 | 17.5                | 0.0      |      |
| 100              | PI/2 BPSK  | 135     | 138       | 16.20                | 16.16                   | 16.05                 | 17.5                | 0.0      |      |
| 100              | PI/2 BPSK  | 270     | 0         | 16.10                | 16.18                   | 16.11                 |                     |          |      |
| 100              | QPSK       | 1       | 1         | 16.25                | 16.36                   | 16.25                 |                     |          |      |
| 100              | QPSK       | 1       | 137       | 16.18                | 16.35                   | 16.19                 |                     |          | 17.5 |
| 100              | QPSK       | 1       | 271       | 16.25                | 16.34                   | 16.16                 | 17.5                | 0.0      |      |
| 100              | QPSK       | 135     | 0         | 16.18                | 16.24                   | 16.04                 |                     |          |      |
| 100              | QPSK       | 135     | 69        | 16.21                | 16.27                   | 16.13                 |                     |          |      |
| 100              | QPSK       | 135     | 138       | 16.10                | 16.19                   | 16.10                 |                     |          |      |
| 100              | QPSK       | 270     | 0         | 16.07                | 16.25                   | 16.12                 | 17.5                | 0.0      |      |
| 100              | 16QAM      | 1       | 1         | 16.11                | 16.14                   | 16.01                 | 17.5                | 0.0      |      |
| 100              | 64QAM      | 1       | 1         | 16.19                | 16.12                   | 16.02                 | 17.5                | 0.0      |      |
| 100              | 256QAM     | 1       | 1         | 16.06                | 16.16                   | 16.00                 | 17.5                | 0.0      |      |
| Channel          |            |         |           | 639668               | 641666                  | 643666                | Tune-up limit (dBm) | MPR (dB) |      |
| Frequency (MHz)  |            |         |           | 3595.02              | 3624.99                 | 3654.99               |                     |          |      |
| 90               | QPSK       | 1       | 1         | 16.17                | 16.13                   | 16.01                 | 17.5                | 0.0      |      |
| Channel          |            |         |           | 639334               | 641666                  | 644000                | Tune-up limit (dBm) | MPR (dB) |      |
| Frequency (MHz)  |            |         |           | 3590.01              | 3624.99                 | 3660                  |                     |          |      |
| 80               | QPSK       | 1       | 1         | 16.08                | 16.16                   | 16.10                 | 17.5                | 0.0      |      |
| Channel          |            |         |           | 639000               | 641666                  | 644332                | Tune-up limit (dBm) | MPR (dB) |      |
| Frequency (MHz)  |            |         |           | 3585                 | 3624.99                 | 3664.98               |                     |          |      |
| 70               | QPSK       | 1       | 1         | 25.58                | 25.15                   | 25.39                 | 17.5                | 0.0      |      |
| Channel          |            |         |           | 638668               | 641666                  | 644666                | Tune-up limit (dBm) | MPR (dB) |      |
| Frequency (MHz)  |            |         |           | 3580.02              | 3624.99                 | 3669.99               |                     |          |      |
| 60               | QPSK       | 1       | 1         | 16.17                | 16.23                   | 16.10                 | 17.5                | 0.0      |      |
| Channel          |            |         |           | 638334               | 641666                  | 645000                | Tune-up limit (dBm) | MPR (dB) |      |
| Frequency (MHz)  |            |         |           | 3575.01              | 3624.99                 | 3675                  |                     |          |      |
| 50               | QPSK       | 1       | 1         | 16.14                | 16.25                   | 16.10                 | 17.5                | 0.0      |      |
| Channel          |            |         |           | 638168               | 641666                  | 645166                | Tune-up limit (dBm) | MPR (dB) |      |
| Frequency (MHz)  |            |         |           | 3572.52              | 3624.99                 | 3677.49               |                     |          |      |
| 45               | QPSK       | 1       | 1         | 16.17                | 16.24                   | 16.09                 | 17.5                | 0.0      |      |
| Channel          |            |         |           | 638000               | 641666                  | 645332                | Tune-up limit (dBm) | MPR (dB) |      |
| Frequency (MHz)  |            |         |           | 3570                 | 3624.99                 | 3679.98               |                     |          |      |
| 40               | QPSK       | 1       | 1         | 16.10                | 16.23                   | 16.09                 | 17.5                | 0.0      |      |
| Channel          |            |         |           | 637834               | 641666                  | 645500                | Tune-up limit (dBm) | MPR (dB) |      |
| Frequency (MHz)  |            |         |           | 3567.51              | 3624.99                 | 3682.5                |                     |          |      |
| 35               | QPSK       | 1       | 1         | 16.16                | 16.23                   | 16.02                 | 17.5                | 0.0      |      |
| Channel          |            |         |           | 637668               | 641666                  | 645666                | Tune-up limit (dBm) | MPR (dB) |      |
| Frequency (MHz)  |            |         |           | 3565.02              | 3624.99                 | 3684.99               |                     |          |      |
| 30               | QPSK       | 1       | 1         | 16.07                | 16.19                   | 16.06                 | 17.5                | 0.0      |      |
| Channel          |            |         |           | 637500               | 641666                  | 645832                | Tune-up limit (dBm) | MPR (dB) |      |
| Frequency (MHz)  |            |         |           | 3562.5               | 3624.99                 | 3687.48               |                     |          |      |
| 25               | QPSK       | 1       | 1         | 16.15                | 16.15                   | 16.00                 | 17.5                | 0.0      |      |
| Channel          |            |         |           | 637334               | 641666                  | 646000                | Tune-up limit (dBm) | MPR (dB) |      |
| Frequency (MHz)  |            |         |           | 3560.01              | 3624.99                 | 3690                  |                     |          |      |
| 20               | QPSK       | 1       | 1         | 16.17                | 16.19                   | 16.05                 | 17.5                | 0.0      |      |
| Channel          |            |         |           | 637168               | 641666                  | 646166                | Tune-up limit (dBm) | MPR (dB) |      |
| Frequency (MHz)  |            |         |           | 3557.52              | 3624.99                 | 3692.49               |                     |          |      |
| 15               | QPSK       | 1       | 1         | 16.13                | 16.12                   | 15.99                 | 17.5                | 0.0      |      |
| Channel          |            |         |           | 637000               | 641666                  | 646332                | Tune-up limit (dBm) | MPR (dB) |      |
| Frequency (MHz)  |            |         |           | 3555                 | 3624.99                 | 3694.98               |                     |          |      |
| 10               | QPSK       | 1       | 1         | 16.10                | 16.23                   | 16.10                 | 17.5                | 0.0      |      |

| Part27Q_n77_Ant 4 |            |         |           |                       |                          |                        |                     |          |     |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|
| BW [MHz]          | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |     |
| Channel           |            |         |           | 633332                | 3499.98                  |                        | 17.5                | 0.0      |     |
| Frequency (MHz)   |            |         |           |                       | 3499.98                  |                        |                     |          |     |
| 100               | PI/2 BPSK  | 1       | 1         |                       | 16.38                    |                        | 17.5                | 0.0      |     |
| 100               | PI/2 BPSK  | 1       | 137       |                       | 16.36                    |                        |                     |          |     |
| 100               | PI/2 BPSK  | 1       | 271       |                       | 16.33                    |                        |                     |          |     |
| 100               | PI/2 BPSK  | 135     | 0         |                       | 16.32                    |                        |                     |          |     |
| 100               | PI/2 BPSK  | 135     | 69        |                       | 16.30                    |                        | 17.5                | 0.0      |     |
| 100               | PI/2 BPSK  | 135     | 138       |                       | 16.32                    |                        | 17.5                | 0.0      |     |
| 100               | PI/2 BPSK  | 270     | 0         |                       | 16.32                    |                        |                     |          |     |
| 100               | QPSK       | 1       | 1         |                       | 16.45                    |                        | 17.5                | 0.0      |     |
| 100               | QPSK       | 1       | 137       |                       | 16.43                    |                        |                     |          |     |
| 100               | QPSK       | 1       | 271       |                       | 16.35                    |                        |                     |          |     |
| 100               | QPSK       | 135     | 0         |                       | 16.25                    |                        |                     |          |     |
| 100               | QPSK       | 135     | 69        |                       | 16.40                    |                        | 17.5                | 0.0      |     |
| 100               | QPSK       | 135     | 138       |                       | 16.35                    |                        | 17.5                | 0.0      |     |
| 100               | QPSK       | 270     | 0         |                       | 16.26                    |                        |                     |          |     |
| 100               | 16QAM      | 1       | 1         |                       | 16.36                    |                        | 17.5                | 0.0      |     |
| 100               | 64QAM      | 1       | 1         |                       | 16.38                    |                        | 17.5                | 0.0      |     |
| 100               | 256QAM     | 1       | 1         |                       | 16.30                    |                        | 17.5                | 0.0      |     |
| Channel           |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |          |     |
| 90                | QPSK       | 1       | 1         |                       | 16.26                    | 16.28                  | 16.18               | 17.5     | 0.0 |
| Channel           |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |          |     |
| 80                | QPSK       | 1       | 1         |                       | 16.30                    | 16.25                  | 16.19               | 17.5     | 0.0 |
| Channel           |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |          |     |
| 70                | QPSK       | 1       | 1         |                       | 16.25                    | 16.26                  | 16.20               | 17.5     | 0.0 |
| Channel           |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3480                  | 3499.98                  | 3510.99                |                     |          |     |
| 60                | QPSK       | 1       | 1         |                       | 16.33                    | 16.26                  | 16.24               | 17.5     | 0.0 |
| Channel           |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |          |     |
| 50                | QPSK       | 1       | 1         |                       | 16.26                    | 16.26                  | 16.17               | 17.5     | 0.0 |
| Channel           |            |         |           | 631500                | 633332                   | 635166                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3472.5                | 3499.98                  | 3527.49                |                     |          |     |
| 45                | QPSK       | 1       | 1         |                       | 16.25                    | 16.21                  | 16.21               | 17.5     | 0.0 |
| Channel           |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |          |     |
| 40                | QPSK       | 1       | 1         |                       | 16.31                    | 16.21                  | 16.20               | 17.5     | 0.0 |
| Channel           |            |         |           | 631168                | 633332                   | 635500                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3467.52               | 3499.98                  | 3532.5                 |                     |          |     |
| 35                | QPSK       | 1       | 1         |                       | 16.27                    | 16.24                  | 16.19               | 17.5     | 0.0 |
| Channel           |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |          |     |
| 30                | QPSK       | 1       | 1         |                       | 16.37                    | 16.18                  | 16.26               | 17.5     | 0.0 |
| Channel           |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |          |     |
| 25                | QPSK       | 1       | 1         |                       | 16.37                    | 16.23                  | 16.14               | 17.5     | 0.0 |
| Channel           |            |         |           | 630666                | 633332                   | 636000                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |          |     |
| 20                | QPSK       | 1       | 1         |                       | 16.31                    | 16.30                  | 16.21               | 17.5     | 0.0 |
| Channel           |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |          |     |
| 15                | QPSK       | 1       | 1         |                       | 16.29                    | 16.23                  | 16.24               | 17.5     | 0.0 |
| Channel           |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |          |     |
| 10                | QPSK       | 1       | 1         |                       | 16.25                    | 16.25                  | 16.14               | 17.5     | 0.0 |

| Part27O_n77_Ant 4 |            |         |           |                       |                          |                        |                     |          |     |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|
| BW [MHz]          | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |     |
| Channel           |            |         |           | 650000                | 656000                   | 662000                 | 17.5                | 0.0      |     |
| Frequency (MHz)   |            |         |           | 3750                  | 3840                     | 3930                   |                     |          |     |
| 100               | PI/2 BPSK  | 1       | 1         |                       | 16.22                    | 16.37                  | 16.25               | 17.5     | 0.0 |
| 100               | PI/2 BPSK  | 1       | 137       |                       | 16.31                    | 16.31                  | 16.32               |          |     |
| 100               | PI/2 BPSK  | 1       | 271       |                       | 16.35                    | 16.37                  | 16.29               |          |     |
| 100               | PI/2 BPSK  | 135     | 0         |                       | 16.24                    | 16.24                  | 16.33               |          |     |
| 100               | PI/2 BPSK  | 135     | 69        |                       | 16.34                    | 16.30                  | 16.36               | 17.5     | 0.0 |
| 100               | PI/2 BPSK  | 135     | 138       |                       | 16.32                    | 16.34                  | 16.23               | 17.5     | 0.0 |
| 100               | PI/2 BPSK  | 270     | 0         |                       | 16.27                    | 16.24                  | 16.33               |          |     |
| 100               | QPSK       | 1       | 1         |                       | 16.41                    | 16.49                  | 16.46               | 17.5     | 0.0 |
| 100               | QPSK       | 1       | 137       |                       | 16.39                    | 16.37                  | 16.31               |          |     |
| 100               | QPSK       | 1       | 271       |                       | 16.34                    | 16.45                  | 16.39               |          |     |
| 100               | QPSK       | 135     | 0         |                       | 16.25                    | 16.32                  | 16.35               |          |     |
| 100               | QPSK       | 135     | 69        |                       | 16.35                    | 16.38                  | 16.37               | 17.5     | 0.0 |
| 100               | QPSK       | 135     | 138       |                       | 16.26                    | 16.27                  | 16.29               | 17.5     | 0.0 |
| 100               | QPSK       | 270     | 0         |                       | 16.30                    | 16.35                  | 16.32               |          |     |
| 100               | 16QAM      | 1       | 1         |                       | 16.22                    | 16.37                  | 16.24               | 17.5     | 0.0 |
| 100               | 64QAM      | 1       | 1         |                       | 16.31                    | 16.36                  | 16.23               | 17.5     | 0.0 |
| 100               | 256QAM     | 1       | 1         |                       | 16.30                    | 16.24                  | 16.30               | 17.5     | 0.0 |
| Channel           |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |          |     |
| 90                | QPSK       | 1       | 1         |                       | 16.33                    | 16.30                  | 16.36               | 17.5     | 0.0 |
| Channel           |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |          |     |
| 80                | QPSK       | 1       | 1         |                       | 16.33                    | 16.25                  | 16.24               | 17.5     | 0.0 |
| Channel           |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3735                  | 3840                     | 3945                   |                     |          |     |
| 70                | QPSK       | 1       | 1         |                       | 16.33                    | 16.31                  | 16.26               | 17.5     | 0.0 |
| Channel           |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |          |     |
| 60                | QPSK       | 1       | 1         |                       | 16.23                    | 16.30                  | 16.25               | 17.5     | 0.0 |
| Channel           |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |          |     |
| 50                | QPSK       | 1       | 1         |                       | 16.27                    | 16.36                  | 16.23               | 17.5     | 0.0 |
| Channel           |            |         |           | 648168                | 656000                   | 663832                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3722.52               | 3840                     | 3957.48                |                     |          |     |
| 45                | QPSK       | 1       | 1         |                       | 16.34                    | 16.26                  | 16.23               | 17.5     | 0.0 |
| Channel           |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3720                  | 3840                     | 3960                   |                     |          |     |
| 40                | QPSK       | 1       | 1         |                       | 16.29                    | 16.25                  | 16.32               | 17.5     | 0.0 |
| Channel           |            |         |           | 647834                | 656000                   | 664166                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3717.51               | 3840                     | 3962.49                |                     |          |     |
| 35                | QPSK       | 1       | 1         |                       | 16.30                    | 16.25                  | 16.25               | 17.5     | 0.0 |
| Channel           |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3715.02               | 3840                     | 3964.98                |                     |          |     |
| 30                | QPSK       | 1       | 1         |                       | 16.34                    | 16.35                  | 16.24               | 17.5     | 0.0 |
| Channel           |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3712.5                | 3840                     | 3967.5                 |                     |          |     |
| 25                | QPSK       | 1       | 1         |                       | 16.31                    | 16.27                  | 16.27               | 17.5     | 0.0 |
| Channel           |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |          |     |
| 20                | QPSK       | 1       | 1         |                       | 16.32                    | 16.27                  | 16.33               | 17.5     | 0.0 |
| Channel           |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |          |     |
| 15                | QPSK       | 1       | 1         |                       | 16.31                    | 16.23                  | 16.25               | 17.5     | 0.0 |
| Channel           |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) | MPR (dB) |     |
| Frequency (MHz)   |            |         |           | 3705                  | 3840                     | 3975                   |                     |          |     |
| 10                | QPSK       | 1       | 1         |                       | 16.31                    | 16.30                  | 16.31               | 17.5     | 0.0 |

## Reduced Power Mode for Sensor On

| Band 2_Ant 3    |            |         |           |                      |                      |                      |                    |          |  |
|-----------------|------------|---------|-----------|----------------------|----------------------|----------------------|--------------------|----------|--|
| BSF [MHz]       | Modulation | RB Size | RB Offset | Power Line Ch. Freq. | Power Mod. Ch. Freq. | Power High Ch. Freq. | Turn-up time (dBm) | MPR (dB) |  |
| Channel         |            |         |           |                      |                      |                      |                    |          |  |
| Frequency [MHz] |            |         |           |                      |                      |                      |                    |          |  |
| 20              | QPSK       | 1       | 0         | 13.84                | 13.72                | 13.71                |                    |          |  |
| 20              | QPSK       | 1       | 48        | 13.83                | 13.81                | 13.82                | 14.5               | 0        |  |
| 20              | QPSK       | 1       | 96        | 13.86                | 13.83                | 13.70                |                    |          |  |
| 20              | QPSK       | 50      | 0         | 13.82                | 13.86                | 13.83                |                    |          |  |
| 20              | QPSK       | 50      | 24        | 13.85                | 13.87                | 13.82                | 14.5               | 0        |  |
| 20              | QPSK       | 50      | 48        | 13.82                | 13.87                | 13.86                |                    |          |  |
| 20              | QPSK       | 100     | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 20              | 16QAM      | 1       | 0         | 13.83                | 13.78                | 13.80                |                    |          |  |
| 20              | 16QAM      | 1       | 48        | 13.82                | 13.80                | 13.80                | 14.5               | 0        |  |
| 20              | 16QAM      | 1       | 96        | 13.84                | 13.84                | 13.82                |                    |          |  |
| 20              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 20              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 20              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 20              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 20              | 256QAM     | 1       | 0         | 13.86                | 13.89                | 13.82                | 14.5               | 0        |  |
| 20              | 256QAM     | 1       | 48        | 13.82                | 13.85                | 13.86                |                    |          |  |
| 20              | 256QAM     | 1       | 96        | 13.82                | 13.85                | 13.86                |                    |          |  |
| 20              | 256QAM     | 50      | 0         | 13.88                | 13.83                | 13.85                | 14.5               | 0        |  |
| 20              | 256QAM     | 50      | 24        | 13.82                | 13.83                | 13.85                |                    |          |  |
| 20              | 256QAM     | 50      | 48        | 13.84                | 13.87                | 13.86                |                    |          |  |
| 20              | 256QAM     | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 20              | 256QAM     | 100     | 24        | 13.86                | 13.75                | 13.87                | 14.5               | 0        |  |
| 20              | 256QAM     | 100     | 48        | 13.88                | 13.75                | 13.87                |                    |          |  |
| Channel         |            |         |           |                      |                      |                      |                    |          |  |
| Frequency [MHz] |            |         |           |                      |                      |                      |                    |          |  |
| 16              | QPSK       | 1       | 0         | 13.84                | 13.78                | 13.73                |                    |          |  |
| 16              | QPSK       | 1       | 48        | 13.83                | 13.84                | 13.83                | 14.5               | 0        |  |
| 16              | QPSK       | 1       | 96        | 13.86                | 13.83                | 13.70                |                    |          |  |
| 16              | QPSK       | 50      | 0         | 13.82                | 13.86                | 13.83                |                    |          |  |
| 16              | QPSK       | 50      | 24        | 13.85                | 13.87                | 13.82                | 14.5               | 0        |  |
| 16              | QPSK       | 50      | 48        | 13.82                | 13.87                | 13.86                |                    |          |  |
| 16              | QPSK       | 100     | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | QPSK       | 100     | 24        | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | QPSK       | 100     | 48        | 13.86                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 1       | 0         | 13.84                | 13.87                | 13.81                |                    |          |  |
| 16              | 16QAM      | 1       | 48        | 13.83                | 13.87                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 1       | 96        | 13.86                | 13.83                | 13.70                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 0         | 13.84                | 13.87                | 13.85                |                    |          |  |
| 16              | 16QAM      | 100     | 24        | 13.84                | 13.86                | 13.87                | 14.5               | 0        |  |
| 16              | 16QAM      | 100     | 48        | 13.87                | 13.86                | 13.87                |                    |          |  |
| 16              | 16QAM      | 50      | 0         | 13.82                | 13.87                | 13.84                |                    |          |  |
| 16              | 16QAM      | 50      | 24        | 13.82                | 13.83                | 13.81                | 14.5               | 0        |  |
| 16              | 16QAM      | 50      | 48        | 13.85                | 13.83                | 13.85                |                    |          |  |

| Band 12_Ant 0   |            |         |           |                        |                        |                        |                    |          |  |
|-----------------|------------|---------|-----------|------------------------|------------------------|------------------------|--------------------|----------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Line Ch. / Freq. | Power Mode Ch. / Freq. | Power High Ch. / Freq. | Time-up Int. (dBm) | MPR (dB) |  |
| Channel         |            |         |           |                        |                        |                        |                    |          |  |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |  |
| 10              | QPSK       | 1       | 0         | 23.84                  | 23.85                  | 23.87                  | 25                 | 0        |  |
| 10              | QPSK       | 1       | 25        | 23.84                  | 23.85                  | 23.87                  |                    |          |  |
| 10              | QPSK       | 1       | 49        | 23.84                  | 23.85                  | 23.87                  |                    |          |  |
| 10              | QPSK       | 25      | 0         | 23.85                  | 23.87                  | 23.89                  |                    |          |  |
| 10              | QPSK       | 25      | 12        | 23.85                  | 23.84                  | 23.84                  | 24                 | 1        |  |
| 10              | QPSK       | 25      | 25        | 23.85                  | 23.87                  | 23.89                  |                    |          |  |
| 10              | QPSK       | 50      | 0         | 23.85                  | 23.87                  | 23.89                  |                    |          |  |
| 10              | 16QAM      | 1       | 0         | 23.14                  | 23.16                  | 23.18                  | 24                 | 1        |  |
| 10              | 16QAM      | 1       | 25        | 22.85                  | 22.79                  | 22.75                  |                    |          |  |
| 10              | 16QAM      | 1       | 49        | 22.20                  | 22.96                  | 22.94                  |                    |          |  |
| 10              | 16QAM      | 25      | 0         | 23.14                  | 23.16                  | 23.18                  |                    |          |  |
| 10              | 16QAM      | 25      | 12        | 23.15                  | 23.14                  | 23.13                  | 23                 | 2        |  |
| 10              | 16QAM      | 25      | 25        | 23.85                  | 23.84                  | 23.82                  |                    |          |  |
| 10              | 16QAM      | 50      | 0         | 23.85                  | 23.79                  | 23.65                  |                    |          |  |
| 10              | 16QAM      | 1       | 0         | 21.88                  | 21.87                  | 21.86                  | 22                 | 2        |  |
| 10              | 16QAM      | 1       | 25        | 22.85                  | 22.84                  | 22.82                  |                    |          |  |
| 10              | 16QAM      | 1       | 49        | 22.20                  | 22.94                  | 21.72                  |                    |          |  |
| 10              | 16QAM      | 25      | 0         | 20.54                  | 20.51                  | 20.50                  |                    |          |  |
| 10              | 16QAM      | 25      | 12        | 20.50                  | 20.55                  | 20.54                  |                    |          |  |
| 10              | 16QAM      | 25      | 25        | 20.72                  | 20.58                  | 20.68                  | 22                 | 3        |  |
| 10              | 16QAM      | 50      | 0         | 19.55                  | 19.58                  | 19.55                  |                    |          |  |
| 10              | 256QAM     | 1       | 0         | 19.55                  | 19.58                  | 19.55                  | 20                 | 5        |  |
| 10              | 256QAM     | 1       | 25        | 19.55                  | 19.51                  | 19.56                  |                    |          |  |
| 10              | 256QAM     | 1       | 49        | 18.81                  | 18.98                  | 18.87                  |                    |          |  |
| 10              | 256QAM     | 25      | 0         | 18.78                  | 18.89                  | 18.83                  |                    |          |  |
| 10              | 256QAM     | 25      | 12        | 18.78                  | 18.85                  | 18.82                  | 20                 | 5        |  |
| 10              | 256QAM     | 25      | 25        | 18.87                  | 18.78                  | 18.82                  |                    |          |  |
| 10              | 256QAM     | 50      | 0         | 18.73                  | 18.76                  | 18.77                  |                    |          |  |
| Channel         |            |         |           |                        |                        |                        |                    |          |  |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |  |
| 5               | QPSK       | 1       | 0         | 23.54                  | 23.54                  | 23.53                  | 25                 | 0        |  |
| 5               | QPSK       | 1       | 25        | 23.77                  | 23.56                  | 23.67                  |                    |          |  |
| 5               | QPSK       | 1       | 49        | 23.64                  | 23.54                  | 23.61                  |                    |          |  |
| 5               | QPSK       | 12      | 0         | 23.59                  | 23.58                  | 23.57                  | 24                 | 1        |  |
| 5               | QPSK       | 12      | 7         | 22.52                  | 22.59                  | 22.69                  |                    |          |  |
| 5               | QPSK       | 12      | 13        | 22.55                  | 22.54                  | 22.58                  |                    |          |  |
| 5               | QPSK       | 25      | 0         | 22.58                  | 22.58                  | 22.58                  |                    |          |  |
| 5               | 16QAM      | 1       | 0         | 23.18                  | 23.13                  | 23.12                  | 24                 | 1        |  |
| 5               | 16QAM      | 1       | 12        | 22.95                  | 23.19                  | 23.28                  |                    |          |  |
| 5               | 16QAM      | 1       | 24        | 22.73                  | 23.14                  | 23.13                  |                    |          |  |
| 5               | 16QAM      | 12      | 0         | 21.81                  | 21.75                  | 21.70                  | 23                 | 2        |  |
| 5               | 16QAM      | 12      | 7         | 21.85                  | 21.88                  | 21.88                  |                    |          |  |
| 5               | 16QAM      | 12      | 13        | 21.68                  | 21.72                  | 21.70                  |                    |          |  |
| 5               | 16QAM      | 25      | 0         | 19.74                  | 19.75                  | 19.80                  |                    |          |  |
| 5               | 16QAM      | 1       | 0         | 21.93                  | 21.95                  | 21.93                  | 23                 | 2        |  |
| 5               | 16QAM      | 1       | 12        | 21.86                  | 22.10                  | 21.73                  |                    |          |  |
| 5               | 16QAM      | 1       | 24        | 21.88                  | 21.85                  | 21.44                  |                    |          |  |
| 5               | 16QAM      | 12      | 0         | 20.54                  | 20.59                  | 20.72                  |                    |          |  |
| 5               | 16QAM      | 12      | 7         | 20.59                  | 20.58                  | 20.65                  | 22                 | 3        |  |
| 5               | 16QAM      | 12      | 13        | 20.72                  | 20.63                  | 20.85                  |                    |          |  |
| 5               | 16QAM      | 25      | 0         | 20.81                  | 20.71                  | 20.82                  |                    |          |  |
| 5               | 16QAM      | 25      | 12        | 20.85                  | 20.84                  | 20.88                  | 20                 | 5        |  |
| 5               | 16QAM      | 1       | 12        | 18.73                  | 18.94                  | 19.05                  |                    |          |  |
| 5               | 16QAM      | 1       | 24        | 18.85                  | 18.89                  | 18.85                  |                    |          |  |
| 5               | 256QAM     | 12      | 0         | 18.85                  | 18.89                  | 18.85                  | 20                 | 5        |  |
| 5               | 256QAM     | 12      | 7         | 18.72                  | 18.85                  | 18.73                  |                    |          |  |
| 5               | 256QAM     | 12      | 13        | 18.88                  | 18.82                  | 18.88                  |                    |          |  |
| 5               | 256QAM     | 25      | 0         | 18.72                  | 18.76                  | 18.75                  |                    |          |  |
| Channel         |            |         |           |                        |                        |                        |                    |          |  |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |  |
| 1.4             | QPSK       | 1       | 0         | 23.81                  | 23.81                  | 23.83                  | 25                 | 0        |  |
| 1.4             | QPSK       | 1       | 8         | 23.81                  | 23.86                  | 23.86                  |                    |          |  |
| 1.4             | QPSK       | 1       | 14        | 23.48                  | 23.58                  | 23.48                  |                    |          |  |
| 1.4             | QPSK       | 8       | 0         | 22.57                  | 22.58                  | 22.53                  | 24                 | 1        |  |
| 1.4             | QPSK       | 8       | 8         | 22.58                  | 22.55                  | 22.52                  |                    |          |  |
| 1.4             | QPSK       | 8       | 7         | 22.51                  | 22.48                  | 22.48                  |                    |          |  |
| 1.4             | QPSK       | 16      | 0         | 22.55                  | 22.56                  | 22.55                  |                    |          |  |
| 1.4             | 16QAM      | 1       | 0         | 23.58                  | 22.81                  | 23.50                  | 24                 | 1        |  |
| 1.4             | 16QAM      | 1       | 4         | 22.75                  | 22.87                  | 22.86                  |                    |          |  |
| 1.4             | 16QAM      | 1       | 14        | 23.14                  | 22.79                  | 22.85                  |                    |          |  |
| 1.4             | 16QAM      | 8       | 0         | 21.53                  | 21.53                  | 21.62                  | 23                 | 2        |  |
| 1.4             | 16QAM      | 8       | 8         | 21.68                  | 21.51                  | 21.44                  |                    |          |  |
| 1.4             | 16QAM      | 8       | 7         | 21.60                  | 21.50                  | 21.47                  |                    |          |  |
| 1.4             | 16QAM      | 16      | 0         | 21.48                  | 21.63                  | 21.61                  | 23                 | 2        |  |
| 1.4             | 16QAM      | 1       | 0         | 21.63                  | 21.60                  | 21.58                  |                    |          |  |
| 1.4             | 16QAM      | 1       | 8         | 21.68                  | 21.58                  | 21.73                  |                    |          |  |
| 1.4             | 16QAM      | 1       | 14        | 21.86                  | 21.45                  | 21.63                  |                    |          |  |
| 1.4             | 16QAM      | 8       | 0         | 20.54                  | 20.61                  | 20.60                  | 22                 | 3        |  |
| 1.4             | 16QAM      | 8       | 4         | 20.58                  | 20.58                  | 20.57                  |                    |          |  |
| 1.4             | 16QAM      | 8       | 7         | 20.68                  | 20.57                  | 20.62                  |                    |          |  |
| 1.4             | 16QAM      | 16      | 0         | 20.48                  | 20.59                  | 20.43                  |                    |          |  |
| 1.4             | 256QAM     | 1       | 0         | 19.55                  | 19.76                  | 19.50                  | 20                 | 5        |  |
| 1.4             | 256QAM     | 1       | 8         | 19.08                  | 19.39                  | 19.03                  |                    |          |  |
| 1.4             | 256QAM     | 1       | 14        | 18.72                  | 18.81                  | 18.77                  |                    |          |  |
| 1.4             | 256QAM     | 8       | 0         | 18.85                  | 18.89                  | 18.77                  |                    |          |  |
| 1.4             | 256QAM     | 8       | 4         | 18.72                  | 18.61                  | 18.64                  | 20                 | 5        |  |
| 1.4             | 256QAM     | 8       | 8         | 18.45                  | 18.63                  | 18.53                  |                    |          |  |
| 1.4             | 256QAM     | 16      | 0         | 18.72                  | 18.62                  | 18.62                  |                    |          |  |
| Channel         |            |         |           |                        |                        |                        |                    |          |  |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |  |
| 1.4             | QPSK       | 1       | 0         | 25.95                  | 25.93                  | 25.95                  | 25                 | 0        |  |
| 1.4             | QPSK       | 1       | 5         | 25.95                  | 25.95                  | 25.95                  |                    |          |  |
| 1.4             | QPSK       | 1       | 5         | 25.71                  | 25.85                  | 25.85                  |                    |          |  |
| 1.4             | QPSK       | 3       | 0         | 25.53                  | 25.57                  | 25.53                  |                    |          |  |
| 1.4             | QPSK       | 3       | 1         | 25.65                  | 25.67                  | 25.65                  |                    |          |  |
| 1.4             | QPSK       | 3       | 3         | 25.58                  | 25.63                  | 25.57                  | 24                 | 1        |  |
| 1.4             | QPSK       | 6       | 0         | 25.57                  | 25.56                  | 25.57                  |                    |          |  |
| 1.4             | QPSK       | 6       | 1         | 25.15                  | 22.85                  | 23.05                  |                    |          |  |
| 1.4             | 16QAM      | 1       | 3         | 22.73                  | 22.87                  | 22.74                  |                    |          |  |
| 1.4             | 16QAM      | 1       | 5         | 23.14                  | 22.87                  | 23.08                  |                    |          |  |
| 1.4             | 16QAM      | 3       | 0         | 22.55                  | 22.55                  | 22.51                  | 24                 | 1        |  |
| 1.4             | 16QAM      | 3       | 1         | 22.48                  | 22.48                  | 22.59                  |                    |          |  |
| 1.4             | 16QAM      | 3       | 5         | 22.58                  | 22.62                  | 22.61                  |                    |          |  |
| 1.4             | 16QAM      | 6       | 0         | 21.68                  | 21.58                  | 21.57                  | 23                 | 2        |  |
| 1.4             | 16QAM      | 6       | 1         | 21.67                  | 21.58                  | 21.43                  |                    |          |  |
| 1.4             | 16QAM      | 1       | 3         | 21.85                  | 21.84                  | 21.87                  |                    |          |  |
| 1.4             | 16QAM      | 1       | 5         | 21.88                  | 21.89                  | 21.83                  | 23                 | 2        |  |
| 1.4             | 16QAM      | 3       | 1         | 21.74                  | 21.74                  | 21.45                  |                    |          |  |
| 1.4             | 16QAM      | 3       | 1         | 21.68                  | 21.43                  | 21.74                  |                    |          |  |
| 1.4             | 16QAM      | 3       | 1         | 21.63                  | 21.36                  | 21.43                  |                    |          |  |
| 1.4             | 16QAM      | 6       | 0         | 20.53                  | 20.57                  | 20.43                  | 22                 | 3        |  |
| 1.4             | 256QAM     | 1       | 0         | 19.57                  | 19.87                  | 19.59                  | 20                 | 5        |  |
| 1.4             | 256QAM     | 1       | 5         | 19.05                  | 19.38                  | 19.02                  |                    |          |  |
| 1.4             | 256QAM     | 1       | 5         | 18.70                  | 18.94                  | 18.70                  |                    |          |  |
| 1.4             | 256QAM     | 3       | 1         | 18.85                  | 18.88                  | 18.82                  |                    |          |  |
| 1.4             | 256QAM     | 3       | 1         | 18.65                  | 18.83                  | 18.63                  |                    |          |  |
| 1.4             | 256QAM     | 6       | 0         | 18.75                  | 18.75                  | 18.47                  | 20                 | 5        |  |

| Band 13_Ant 0   |            |         |           |                        |                        |                        |                    |          |    |
|-----------------|------------|---------|-----------|------------------------|------------------------|------------------------|--------------------|----------|----|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Line Ch. / Freq. | Power Mode Ch. / Freq. | Power High Ch. / Freq. | Time-up Int. (dBm) | MPR (dB) |    |
| Channel         |            |         |           |                        |                        |                        |                    |          |    |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |    |
| 10              | QPSK       | 1       | 0         | 23.52                  | 23.52                  | 23.52                  | 25                 | 0        |    |
| 10              | QPSK       | 1       | 25        | 23.52                  | 23.52                  | 23.52                  |                    |          |    |
| 10              | QPSK       | 1       | 49        | 23.52                  | 23.52                  | 23.52                  |                    |          |    |
| 10              | QPSK       | 25      | 0         | 23.52                  | 23.52                  | 23.52                  |                    |          |    |
| 10              | QPSK       | 25      | 12        | 23.52                  | 23.52                  | 23.52                  | 24                 | 1        |    |
| 10              | QPSK       | 25      | 25        | 23.52                  | 23.52                  | 23.52                  |                    |          |    |
| 10              | QPSK       | 50      | 0         | 23.52                  | 23.52                  | 23.52                  |                    |          |    |
| 10              | 16QAM      | 1       | 0         | 23.54                  | 23.54                  | 23.54                  | 24                 | 1        |    |
| 10              | 16QAM      | 1       | 25        | 23.52                  | 23.52                  | 23.52                  |                    |          |    |
| 10              | 16QAM      | 1       | 49        | 23.43                  | 23.43                  | 23.43                  |                    |          |    |
| 10              | 16QAM      | 25      | 0         | 23.52                  | 23.52                  | 23.52                  |                    |          |    |
| 10              | 16QAM      | 25      | 12        | 23.52                  | 23.52                  | 23.52                  | 23                 | 2        |    |
| 10              | 16QAM      | 25      | 25        | 23.50                  | 23.50                  | 23.50                  |                    |          |    |
| 10              | 16QAM      | 50      | 0         | 23.43                  | 23.43                  | 23.43                  |                    |          |    |
| 10              | 16QAM      | 1       | 0         | 22.92                  | 22.92                  | 22.92                  | 23                 | 2        |    |
| 10              | 16QAM      | 1       | 25        | 22.98                  | 22.98                  | 22.98                  |                    |          |    |
| 10              | 16QAM      | 1       | 49        | 22.93                  | 22.93                  | 22.93                  |                    |          |    |
| 10              | 16QAM      | 25      | 0         | 20.85                  | 20.85                  | 20.85                  |                    |          |    |
| 10              | 16QAM      | 25      | 12        | 20.82                  | 20.82                  | 20.82                  | 22                 | 3        |    |
| 10              | 16QAM      | 25      | 25        | 20.82                  | 20.82                  | 20.82                  |                    |          |    |
| 10              | 16QAM      | 50      | 0         | 19.85                  | 19.85                  | 19.85                  |                    |          |    |
| 10              | 256QAM     | 1       | 0         | 19.85                  | 19.85                  | 19.85                  | 20                 | 5        |    |
| 10              | 256QAM     | 1       | 25        | 19.89                  | 19.89                  | 19.89                  |                    |          |    |
| 10              | 256QAM     | 1       | 49        | 18.98                  | 18.98                  | 18.98                  |                    |          |    |
| 10              | 256QAM     | 25      | 0         | 18.77                  | 18.77                  | 18.77                  |                    |          |    |
| 10              | 256QAM     | 25      | 12        | 18.60                  | 18.60                  | 18.75                  | 20                 | 5        |    |
| 10              | 256QAM     | 25      | 25        | 18.70                  | 18.70                  | 18.70                  |                    |          |    |
| 10              | 256QAM     | 50      | 0         | 18.62                  | 18.62                  | 18.62                  |                    |          |    |
| Channel         |            |         |           |                        |                        |                        |                    |          |    |
| Frequency (MHz) |            |         |           |                        |                        |                        |                    |          |    |
| 5               | QPSK       | 1       | 0         | 23.78                  | 24.01                  | 23.88                  | 25                 | 0        | </ |

| Band 66_Ant 3   |            |         |           |                      |                        |                       |                    |          |  |
|-----------------|------------|---------|-----------|----------------------|------------------------|-----------------------|--------------------|----------|--|
| BW (kHz)        | Modulation | RF Size | RF Offset | Power Low Co. [Frac] | Power Media Co. [Frac] | Power High Co. [Frac] | Time-up time (min) | MPR (dB) |  |
| Channel         |            |         |           |                      |                        |                       |                    |          |  |
| Frequency (MHz) |            |         |           |                      |                        |                       |                    |          |  |
| 20              | QPSK       | 1       | 0         | 17.02                | 17.45                  | 17.76                 |                    |          |  |
| 20              | QPSK       | 1       | 40        | 12.17                | 12.22                  | 12.23                 | 13.5               | 0        |  |
| 20              | QPSK       | 1       | 50        | 12.19                | 12.14                  | 12.12                 |                    |          |  |
| 20              | QPSK       | 50      | 0         | 12.11                | 12.17                  | 12.17                 |                    |          |  |
| 20              | QPSK       | 50      | 24        | 12.19                | 12.11                  | 11.99                 | 13.5               | 0        |  |
| 20              | QPSK       | 50      | 0         | 12.13                | 12.13                  | 11.99                 |                    |          |  |
| 20              | 16QAM      | 1       | 0         | 12.04                | 12.09                  | 11.96                 |                    |          |  |
| 20              | 16QAM      | 1       | 40        | 12.09                | 12.07                  | 11.99                 | 13.5               | 0        |  |
| 20              | 16QAM      | 1       | 50        | 12.04                | 12.07                  | 11.99                 |                    |          |  |
| 20              | 16QAM      | 50      | 24        | 12.04                | 12.12                  | 12.01                 | 13.5               | 0        |  |
| 20              | 16QAM      | 50      | 50        | 12.09                | 12.16                  | 11.96                 |                    |          |  |
| 20              | 16QAM      | 50      | 0         | 12.15                | 12.10                  | 12.00                 |                    |          |  |
| 20              | 16QAM      | 1       | 0         | 12.07                | 12.16                  | 12.00                 |                    |          |  |
| 20              | 16QAM      | 1       | 40        | 12.07                | 12.13                  | 11.94                 | 13.5               | 0        |  |
| 20              | 16QAM      | 50      | 50        | 12.11                | 12.08                  | 12.02                 |                    |          |  |
| 20              | 16QAM      | 50      | 24        | 12.05                | 12.13                  | 11.97                 | 13.5               | 0        |  |
| 20              | 16QAM      | 50      | 50        | 12.07                | 12.07                  | 12.02                 |                    |          |  |
| 20              | 16QAM      | 100     | 0         | 12.12                | 12.06                  | 11.99                 |                    |          |  |
| 20              | 256QAM     | 1       | 40        | 12.03                | 12.11                  | 11.99                 | 13.5               | 0        |  |
| 20              | 256QAM     | 1       | 50        | 12.04                | 12.15                  | 11.96                 |                    |          |  |
| 20              | 256QAM     | 1       | 50        | 12.11                | 12.15                  | 11.99                 |                    |          |  |
| 20              | 256QAM     | 50      | 0         | 12.13                | 12.16                  | 11.99                 |                    |          |  |
| 20              | 256QAM     | 50      | 24        | 12.13                | 12.16                  | 11.99                 | 13.5               | 0        |  |
| 20              | 256QAM     | 50      | 50        | 12.03                | 12.08                  | 11.99                 |                    |          |  |
| 20              | 256QAM     | 100     | 0         | 12.05                | 12.15                  | 11.96                 |                    |          |  |
| Channel         |            |         |           |                      |                        |                       |                    |          |  |
| Frequency (MHz) |            |         |           |                      |                        |                       |                    |          |  |
| 15              | QPSK       | 1       | 0         | 17.15                | 17.52                  | 17.73                 |                    |          |  |
| 15              | QPSK       | 1       | 37        | 12.19                | 12.13                  | 12.16                 | 13.5               | 0        |  |
| 15              | QPSK       | 1       | 74        | 12.13                | 12.12                  | 12.11                 |                    |          |  |
| 15              | QPSK       | 50      | 0         | 12.12                | 12.07                  | 12.05                 |                    |          |  |
| 15              | QPSK       | 50      | 20        | 12.01                | 12.00                  | 12.10                 | 13.5               | 0        |  |
| 15              | QPSK       | 50      | 30        | 12.10                | 12.14                  | 12.07                 |                    |          |  |
| 15              | QPSK       | 50      | 0         | 12.03                | 12.12                  | 12.16                 |                    |          |  |
| 15              | 16QAM      | 1       | 0         | 11.98                | 12.08                  | 11.94                 |                    |          |  |
| 15              | 16QAM      | 1       | 37        | 12.09                | 12.02                  | 12.10                 | 13.5               | 0        |  |
| 15              | 16QAM      | 1       | 74        | 11.99                | 12.06                  | 11.95                 |                    |          |  |
| 15              | 16QAM      | 50      | 0         | 12.01                | 12.00                  | 12.00                 | 13.5               | 0        |  |
| 15              | 16QAM      | 50      | 20        | 12.00                | 12.02                  | 11.97                 |                    |          |  |
| 15              | 16QAM      | 50      | 30        | 12.15                | 12.14                  | 12.05                 |                    |          |  |
| 15              | 16QAM      | 1       | 0         | 12.09                | 12.10                  | 11.99                 |                    |          |  |
| 15              | 16QAM      | 1       | 0         | 12.10                | 12.05                  | 12.00                 | 13.5               | 0        |  |
| 15              | 16QAM      | 1       | 37        | 12.06                | 12.07                  | 12.04                 |                    |          |  |
| 15              | 16QAM      | 50      | 20        | 12.07                | 12.07                  | 11.99                 |                    |          |  |
| 15              | 16QAM      | 50      | 0         | 11.97                | 12.01                  | 12.07                 |                    |          |  |
| 15              | 16QAM      | 50      | 20        | 12.04                | 12.05                  | 12.00                 | 13.5               | 0        |  |
| 15              | 16QAM      | 50      | 30        | 11.99                | 11.99                  | 12.00                 |                    |          |  |
| 15              | 16QAM      | 75      | 0         | 12.02                | 11.97                  | 12.01                 |                    |          |  |
| 15              | 256QAM     | 1       | 0         | 12.07                | 12.02                  | 12.07                 | 13.5               | 0        |  |
| 15              | 256QAM     | 1       | 37        | 12.13                | 12.14                  | 12.00                 |                    |          |  |
| 15              | 256QAM     | 1       | 74        | 12.13                | 12.13                  | 12.00                 |                    |          |  |
| 15              | 256QAM     | 50      | 0         | 12.05                | 12.10                  | 12.04                 | 13.5               | 0        |  |
| 15              | 256QAM     | 50      | 20        | 12.06                | 12.01                  | 12.07                 |                    |          |  |
| 15              | 256QAM     | 50      | 30        | 12.03                | 11.93                  | 11.99                 |                    |          |  |
| 15              | 256QAM     | 75      | 0         | 12.03                | 12.00                  | 12.12                 |                    |          |  |
| Channel         |            |         |           |                      |                        |                       |                    |          |  |
| Frequency (MHz) |            |         |           |                      |                        |                       |                    |          |  |
| 10              | QPSK       | 1       | 0         | 17.02                | 17.45                  | 17.76                 |                    |          |  |
| 10              | QPSK       | 1       | 20        | 12.17                | 12.20                  | 12.18                 | 13.5               | 0        |  |
| 10              | QPSK       | 1       | 40        | 12.12                | 12.08                  | 12.11                 |                    |          |  |
| 10              | QPSK       | 25      | 0         | 12.14                | 12.10                  | 12.05                 |                    |          |  |
| 10              | QPSK       | 25      | 12        | 12.06                | 12.10                  | 11.97                 | 13.5               | 0        |  |
| 10              | QPSK       | 25      | 20        | 12.05                | 12.10                  | 12.08                 |                    |          |  |
| 10              | QPSK       | 25      | 0         | 12.07                | 12.02                  | 12.10                 |                    |          |  |
| 10              | 16QAM      | 1       | 0         | 12.02                | 11.96                  | 12.02                 | 13.5               | 0        |  |
| 10              | 16QAM      | 1       | 20        | 12.00                | 12.05                  | 11.94                 |                    |          |  |
| 10              | 16QAM      | 25      | 0         | 11.94                | 11.97                  | 11.94                 |                    |          |  |
| 10              | 16QAM      | 25      | 12        | 12.07                | 12.10                  | 11.99                 | 13.5               | 0        |  |
| 10              | 16QAM      | 25      | 20        | 12.15                | 12.01                  | 12.10                 |                    |          |  |
| 10              | 16QAM      | 50      | 0         | 12.01                | 12.08                  | 12.01                 |                    |          |  |
| 10              | 16QAM      | 50      | 0         | 12.00                | 12.04                  | 12.12                 | 13.5               | 0        |  |
| 10              | 16QAM      | 50      | 20        | 11.94                | 12.03                  | 12.04                 |                    |          |  |
| 10              | 16QAM      | 50      | 0         | 11.99                | 11.97                  | 12.02                 |                    |          |  |
| 10              | 256QAM     | 1       | 0         | 12.10                | 12.10                  | 12.00                 | 13.5               | 0        |  |
| 10              | 256QAM     | 1       | 20        | 12.04                | 12.07                  | 12.11                 |                    |          |  |
| 10              | 256QAM     | 1       | 40        | 12.11                | 12.08                  | 12.00                 |                    |          |  |
| 10              | 256QAM     | 25      | 0         | 12.11                | 12.15                  | 12.10                 | 13.5               | 0        |  |
| 10              | 256QAM     | 25      | 12        | 11.98                | 11.99                  | 12.02                 |                    |          |  |
| 10              | 256QAM     | 25      | 20        | 12.05                | 12.07                  | 12.03                 |                    |          |  |
| 10              | 256QAM     | 50      | 0         | 12.14                | 12.12                  | 12.02                 |                    |          |  |
| Channel         |            |         |           |                      |                        |                       |                    |          |  |
| Frequency (MHz) |            |         |           |                      |                        |                       |                    |          |  |
| 5               | QPSK       | 1       | 0         | 17.16                | 17.52                  | 17.87                 |                    |          |  |
| 5               | QPSK       | 1       | 12        | 12.16                | 12.10                  | 12.16                 | 13.5               | 0        |  |
| 5               | QPSK       | 1       | 24        | 12.11                | 12.08                  | 12.10                 |                    |          |  |
| 5               | QPSK       | 12      | 0         | 12.16                | 12.15                  | 12.08                 |                    |          |  |
| 5               | QPSK       | 7       | 0         | 12.03                | 12.06                  | 12.03                 | 13.5               | 0        |  |
| 5               | QPSK       | 12      | 13        | 12.11                | 12.09                  | 12.01                 |                    |          |  |
| 5               | QPSK       | 25      | 0         | 12.01                | 12.04                  | 12.11                 |                    |          |  |
| 5               | 16QAM      | 0       | 0         | 11.94                | 12.01                  | 12.00                 | 13.5               | 0        |  |
| 5               | 16QAM      | 1       | 12        | 11.98                | 11.92                  | 12.00                 |                    |          |  |
| 5               | 16QAM      | 24      | 0         | 11.96                | 11.93                  | 11.94                 |                    |          |  |
| 5               | 16QAM      | 12      | 0         | 12.03                | 11.95                  | 11.96                 |                    |          |  |
| 5               | 16QAM      | 12      | 7         | 12.04                | 12.00                  | 12.00                 | 13.5               | 0        |  |
| 5               | 16QAM      | 13      | 0         | 12.14                | 12.05                  | 12.01                 |                    |          |  |
| 5               | 16QAM      | 25      | 0         | 12.08                | 12.01                  | 12.08                 |                    |          |  |
| 5               | 16QAM      | 25      | 0         | 12.12                | 12.05                  | 12.10                 | 13.5               | 0        |  |
| 5               | 16QAM      | 1       | 12        | 12.02                | 12.09                  | 12.11                 |                    |          |  |
| 5               | 16QAM      | 1       | 24        | 12.06                | 11.97                  | 12.01                 |                    |          |  |
| 5               | 16QAM      | 50      | 0         | 11.95                | 11.96                  | 11.94                 |                    |          |  |
| 5               | 256QAM     | 1       | 0         | 11.97                | 11.98                  | 12.00                 | 13.5               | 0        |  |
| 5               | 256QAM     | 1       | 12        | 12.10                | 12.10                  | 12.00                 |                    |          |  |
| 5               | 256QAM     | 1       | 24        | 12.09                | 12.13                  | 12.05                 |                    |          |  |
| 5               | 256QAM     | 13      | 0         | 12.02                | 12.11                  | 12.02                 | 13.5               | 0        |  |
| 5               | 256QAM     | 12      | 7         | 11.98                | 12.02                  | 12.00                 |                    |          |  |
| 5               | 256QAM     | 13      | 0         | 12.01                | 11.99                  | 12.01                 |                    |          |  |
| 5               | 256QAM     | 20      | 0         | 12.01                | 12.00                  | 12.10                 |                    |          |  |
| Channel         |            |         |           |                      |                        |                       |                    |          |  |
| Frequency (MHz) |            |         |           |                      |                        |                       |                    |          |  |
| 3               | QPSK       | 1       | 0         | 17.03                | 17.46                  | 17.77                 |                    |          |  |
| 3               | QPSK       | 1       | 8         | 12.11                | 12.18                  | 12.15                 | 13.5               | 0        |  |
| 3               | QPSK       | 14      | 0         | 12.11                | 12.05                  | 12.05                 |                    |          |  |
| 3               | QPSK       | 8       | 0         | 12.08                | 12.13                  | 12.10                 | 13.5               | 0        |  |
| 3               | QPSK       | 8       | 4         | 12.07                | 12.02                  | 12.01                 |                    |          |  |
| 3               | QPSK       | 15      | 0         | 12.13                | 12.14                  | 12.01                 |                    |          |  |
| 3               | 16QAM      | 1       | 0         | 11.95                | 11.95                  | 11.95                 | 13.5               | 0        |  |
| 3               | 16QAM      | 1       | 8         | 12.01                | 11.95                  | 12.02                 |                    |          |  |
| 3               | 16QAM      | 14      | 0         | 12.05                | 12.05                  | 12.01                 |                    |          |  |
| 3               | 16QAM      | 8       | 4         | 11.97                | 11.96                  | 12.01                 | 13.5               | 0        |  |
| 3               | 16QAM      | 8       | 0         | 12.04                | 12.07                  | 12.00                 |                    |          |  |
| 3               | 16QAM      | 15      | 0         | 11.96                | 11.96                  | 12.04                 |                    |          |  |
| 3               | 16QAM      | 1       | 8         | 12.03                | 12.00                  | 12.01                 | 13.5               | 0        |  |
| 3               | 16QAM      | 1       | 8         | 12.03                | 12.00                  | 12.01                 |                    |          |  |
| 3               | 16QAM      | 1       | 14        | 12.06                | 11.98                  | 12.05                 |                    |          |  |
| 3               | 16QAM      | 8       | 0         | 12.05                | 12.04                  | 12.01                 | 13.5               | 0        |  |
| 3               | 16QAM      | 8       | 4         | 12.09                | 12.12                  | 12.10                 |                    |          |  |
| 3               | 16QAM      | 15      | 0         | 12.03                | 12.02                  | 11.95                 |                    |          |  |
| 3               | 256QAM     | 1       | 0         | 12.04                | 12.09                  | 12.00                 | 13.5               | 0        |  |
| 3               | 256QAM     | 1       | 8         | 12.06                | 12.03                  | 12.11                 |                    |          |  |
| 3               | 256QAM     | 1       | 14        | 12.13                | 12.06                  | 12.10                 |                    |          |  |
| 3               | 256QAM     | 8       | 0         | 12.10                | 12.04                  | 12.01                 | 13.5               | 0        |  |
| 3               | 256QAM     | 8       | 4         | 12.01                | 12.07                  | 12.00                 |                    |          |  |
| 3               | 256QAM     | 8       | 7         | 12.06                | 12.04                  | 12.00                 |                    |          |  |
| 3               | 256QAM     | 15      | 0         | 12.04                | 12.00                  | 12.10                 |                    |          |  |
| Channel         |            |         |           |                      |                        |                       |                    |          |  |
| Frequency (MHz) |            |         |           |                      |                        |                       |                    |          |  |
| 1.4             | QPSK       | 1       | 0         | 17.03                | 17.46                  | 17.77                 |                    |          |  |
| 1.4             | QPSK       | 1       | 3         | 12.20                | 12.10                  | 12.17                 | 13.5               | 0        |  |
| 1.4             | QPSK       | 1       | 3         | 12.02                | 11.99                  | 11.96                 |                    |          |  |
| 1.4             | QPSK       | 3       | 1         | 11.99                | 12.01                  | 12.05                 |                    |          |  |
| 1.4             | QPSK       | 3       | 0         | 12.11                | 12.08                  | 12.07                 |                    |          |  |
| 1.4             | QPSK       | 3       | 0         | 12.02                | 12.08                  | 12.06                 | 13.5               | 0        |  |
| 1.4             | 16QAM      | 1       | 0         | 12.01                | 12.05                  | 11.96                 |                    |          |  |
| 1.4             | 16QAM      | 1       | 3         | 12.01                | 12.01                  | 11.96                 |                    |          |  |
| 1.4             | 16QAM      | 1       | 3         | 12.01                | 12.01                  | 11.96                 | 13.5               | 0        |  |
| 1.4             | 16QAM      | 3       | 0         | 12.01                | 12.04                  | 11.92                 |                    |          |  |
| 1.4             | 16QAM      | 3       | 0         | 12.02                | 12.04                  | 11.95                 |                    |          |  |
| 1.4             | 16QAM      | 3       | 1         | 12.01                | 12.01                  | 12.06                 |                    |          |  |
| 1.4             | 16QAM      | 3       | 0         | 12.01                | 12.05                  | 12.04                 |                    |          |  |
| 1.4             | 16QAM      | 3       | 0         | 12.02                | 12.05                  | 12.04                 | 13.5               | 0        |  |
| 1.4             | 16QAM      | 1       | 3         | 12.05                | 12.06                  | 12.10                 |                    |          |  |
| 1.4             | 16QAM      | 3       | 0         | 12.01                | 12.06                  | 11.92                 |                    |          |  |
| 1.4             | 16QAM      | 3       | 0         | 12.02                | 12.04                  | 11.98                 |                    |          |  |
| 1.4             | 256QAM     | 1       | 0         | 12.07                | 12.02                  | 11.97                 | 13.5               | 0        |  |
| 1.4             | 256QAM     | 1       | 3         | 12.07                | 12.07                  | 12.03                 |                    |          |  |
| 1.4             | 256QAM     | 3       | 0         | 12.10                | 12.06                  | 12.07                 |                    |          |  |
| 1.4             | 256QAM     | 3       | 0         | 12.08                | 12.08                  | 12.04                 |                    |          |  |
| 1.4             | 256QAM     | 3       | 0         | 11.97                | 11.93                  | 12.04                 |                    |          |  |

| n2_Ant 3        |            |         |           |                      |                         |                       |                     |          |
|-----------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|
| 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         |            |         |           | 374000               | 376000                  | 378000                |                     |          |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 40              | PV2 BPSK   | 1       | 1         | 12.00                | 12.04                   | 12.01                 | 13.5                | 0.0      |
| 40              | PV2 BPSK   | 1       | 108       | 12.05                | 12.01                   | 12.01                 |                     |          |
| 40              | PV2 BPSK   | 1       | 214       | 11.99                | 12.07                   | 11.97                 |                     |          |
| 40              | PV2 BPSK   | 108     | 0         | 12.03                | 12.09                   | 11.99                 | 13.5                | 0.0      |
| 40              | PV2 BPSK   | 108     | 54        | 12.02                | 12.01                   | 12.00                 | 13.5                | 0.0      |
| 40              | PV2 BPSK   | 108     | 108       | 11.98                | 12.09                   | 12.02                 | 13.5                | 0.0      |
| 40              | PV2 BPSK   | 216     | 0         | 12.09                | 12.08                   | 12.02                 |                     |          |
| 40              | QPSK       | 1       | 1         | 12.10                | 12.12                   | 12.08                 |                     |          |
| 40              | QPSK       | 1       | 108       | 12.03                | 12.07                   | 11.97                 | 13.5                | 0.0      |
| 40              | QPSK       | 1       | 214       | 12.02                | 12.01                   | 12.00                 |                     |          |
| 40              | QPSK       | 108     | 0         | 12.02                | 12.09                   | 12.03                 | 13.5                | 0.0      |
| 40              | QPSK       | 108     | 54        | 12.03                | 12.10                   | 12.04                 | 13.5                | 0.0      |
| 40              | QPSK       | 108     | 108       | 12.07                | 12.04                   | 11.99                 | 13.5                | 0.0      |
| 40              | QPSK       | 216     | 0         | 11.98                | 12.05                   | 11.95                 | 13.5                | 0.0      |
| 40              | 16QAM      | 1       | 1         | 12.02                | 12.07                   | 11.99                 | 13.5                | 0.0      |
| 40              | 64QAM      | 1       | 1         | 11.99                | 12.08                   | 12.03                 | 13.5                | 0.0      |
| 40              | 256QAM     | 1       | 1         | 12.02                | 12.02                   | 11.98                 | 13.5                | 0.0      |
| Channel         |            |         |           | 375000               | 376000                  | 376500                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 35              | QPSK       | 1       | 1         | 12.07                | 12.05                   | 12.01                 | 13.5                | 0.0      |
| Channel         |            |         |           | 373000               | 376000                  | 376000                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 30              | QPSK       | 1       | 1         | 12.04                | 12.07                   | 11.99                 | 13.5                | 0.0      |
| Channel         |            |         |           | 372500               | 376000                  | 375900                | Tune-up limit (dB)  | MPR      |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 25              | QPSK       | 1       | 1         | 12.07                | 12.00                   | 12.00                 | 13.5                | 0.0      |
| Channel         |            |         |           | 372000               | 376000                  | 380000                | Tune-up limit (dB)  | MPR      |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 20              | QPSK       | 1       | 1         | 11.99                | 12.03                   | 11.99                 | 13.5                | 0.0      |
| Channel         |            |         |           | 371500               | 376000                  | 380500                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 15              | QPSK       | 1       | 1         | 12.07                | 12.05                   | 12.02                 | 13.5                | 0.0      |
| Channel         |            |         |           | 371000               | 376000                  | 381000                | Tune-up limit (dBm) | MPR      |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 10              | QPSK       | 1       | 1         | 12.01                | 12.02                   | 11.99                 | 13.5                | 0.0      |
| Channel         |            |         |           | 370500               | 376000                  | 381500                | Tune-up limit (dBm) | MPR      |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 5               | QPSK       | 1       | 1         | 12.04                | 12.05                   | 12.01                 | 13.5                | 0.0      |

| n2_Ant 2(ENDC)  |            |         |           |                      |                         |                       |                     |          |
|-----------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|
| 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         |            |         |           | 374000               | 376000                  | 378000                |                     |          |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 40              | PV2 BPSK   | 1       | 1         | 13.33                | 13.42                   | 13.35                 | 15.0                | 0.0      |
| 40              | PV2 BPSK   | 1       | 108       | 13.36                | 13.40                   | 13.38                 |                     |          |
| 40              | PV2 BPSK   | 1       | 214       | 13.30                | 13.44                   | 13.35                 |                     |          |
| 40              | PV2 BPSK   | 108     | 0         | 13.37                | 13.47                   | 13.38                 | 15.0                | 0.0      |
| 40              | PV2 BPSK   | 108     | 54        | 13.36                | 13.41                   | 13.39                 | 15.0                | 0.0      |
| 40              | PV2 BPSK   | 108     | 108       | 13.35                | 13.47                   | 13.43                 | 15.0                | 0.0      |
| 40              | PV2 BPSK   | 216     | 0         | 13.33                | 13.41                   | 13.42                 |                     |          |
| 40              | QPSK       | 1       | 1         | 13.40                | 13.52                   | 13.45                 |                     |          |
| 40              | QPSK       | 1       | 108       | 13.48                | 13.46                   | 13.41                 | 15.0                | 0.0      |
| 40              | QPSK       | 1       | 214       | 13.40                | 13.51                   | 13.45                 |                     |          |
| 40              | QPSK       | 108     | 0         | 13.36                | 13.42                   | 13.41                 | 15.0                | 0.0      |
| 40              | QPSK       | 108     | 54        | 13.40                | 13.48                   | 13.44                 | 15.0                | 0.0      |
| 40              | QPSK       | 108     | 108       | 13.35                | 13.38                   | 13.38                 | 15.0                | 0.0      |
| 40              | QPSK       | 216     | 0         | 13.31                | 13.41                   | 13.38                 |                     |          |
| 40              | 16QAM      | 1       | 1         | 13.31                | 13.44                   | 13.42                 | 15.0                | 0.0      |
| 40              | 64QAM      | 1       | 1         | 13.30                | 13.44                   | 13.43                 | 15.0                | 0.0      |
| 40              | 256QAM     | 1       | 1         | 13.32                | 13.43                   | 13.42                 | 15.0                | 0.0      |
| Channel         |            |         |           | 375000               | 376000                  | 376500                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 35              | QPSK       | 1       | 1         | 13.32                | 13.45                   | 13.35                 | 15.0                | 0.0      |
| Channel         |            |         |           | 373000               | 376000                  | 376000                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 30              | QPSK       | 1       | 1         | 13.35                | 13.46                   | 13.43                 | 15.0                | 0.0      |
| Channel         |            |         |           | 372500               | 376000                  | 375900                | Tune-up limit (dB)  | MPR      |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 25              | QPSK       | 1       | 1         | 13.38                | 13.43                   | 13.37                 | 15.0                | 0.0      |
| Channel         |            |         |           | 372000               | 376000                  | 380000                | Tune-up limit (dB)  | MPR      |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 20              | QPSK       | 1       | 1         | 13.35                | 13.41                   | 13.35                 | 15.0                | 0.0      |
| Channel         |            |         |           | 371500               | 376000                  | 380500                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 15              | QPSK       | 1       | 1         | 13.32                | 13.38                   | 13.42                 | 15.0                | 0.0      |
| Channel         |            |         |           | 371000               | 376000                  | 381000                | Tune-up limit (dBm) | MPR      |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 10              | QPSK       | 1       | 1         | 13.39                | 13.46                   | 13.34                 | 15.0                | 0.0      |
| Channel         |            |         |           | 370500               | 376000                  | 381500                | Tune-up limit (dBm) | MPR      |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 5               | QPSK       | 1       | 1         | 13.34                | 13.35                   | 13.35                 | 15.0                | 0.0      |

| n5_Ant 0        |            |         |           |                      |                         |                       |                     |          |
|-----------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq | Power Middle Ch. / Freq | Power High Ch. / Freq | Tune-up limit (dBm) | MPR (dB) |
| Channel         |            |         |           | 167400               | 167300                  | 167300                |                     |          |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 25              | PV2 BPSK   | 1       | 1         | 23.70                |                         |                       | 25.0                | 0.0      |
| 25              | PV2 BPSK   | 1       | 65        | 23.72                |                         |                       |                     |          |
| 25              | PV2 BPSK   | 1       | 131       | 23.70                |                         |                       |                     |          |
| 25              | PV2 BPSK   | 64      | 0         | 23.18                |                         |                       | 24.5                | 0.5      |
| 25              | PV2 BPSK   | 64      | 32        | 23.81                |                         |                       | 25.0                | 0.0      |
| 25              | PV2 BPSK   | 64      | 66        | 23.28                |                         |                       | 24.5                | 0.5      |
| 25              | PV2 BPSK   | 128     | 0         | 23.27                |                         |                       |                     |          |
| 25              | QPSK       | 1       | 1         | 23.62                |                         |                       |                     |          |
| 25              | QPSK       | 1       | 65        | 23.73                |                         |                       | 25.0                | 0.0      |
| 25              | QPSK       | 1       | 131       | 23.70                |                         |                       |                     |          |
| 25              | QPSK       | 64      | 0         | 22.71                |                         |                       | 24.0                | 1.0      |
| 25              | QPSK       | 64      | 32        | 23.78                |                         |                       | 25.0                | 0.0      |
| 25              | QPSK       | 64      | 66        | 22.80                |                         |                       | 24.0                | 1.0      |
| 25              | QPSK       | 128     | 0         | 22.77                |                         |                       |                     |          |
| 25              | 16QAM      | 1       | 1         | 22.41                |                         |                       | 24.0                | 1.0      |
| 25              | 64QAM      | 1       | 1         | 20.98                |                         |                       | 22.5                | 2.5      |
| 25              | 256QAM     | 1       | 1         | 19.61                |                         |                       | 20.5                | 4.5      |
| Channel         |            |         |           | 166800               | 167300                  | 167800                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 20              | QPSK       | 1       | 1         | 23.62                | 23.77                   | 23.60                 | 25.0                | 0.0      |
| Channel         |            |         |           | 166300               | 167300                  | 166800                | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 15              | QPSK       | 1       | 1         | 23.67                | 23.75                   | 23.56                 | 25.0                | 0.0      |
| Channel         |            |         |           | 165800               | 167300                  | 166300                | Tune-up limit (dBm) | MPR      |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 10              | QPSK       | 1       | 1         | 23.61                | 23.81                   | 23.62                 | 25.0                | 0.0      |
| Channel         |            |         |           | 165300               | 167300                  | 165800                | Tune-up limit (dBm) | MPR      |
| Frequency (MHz) |            |         |           |                      |                         |                       |                     |          |
| 5               | QPSK       | 1       | 1         | 23.71                | 23.76                   | 23.67                 | 25.0                | 0.0      |

| n25_Ant 3       |            |         |           |                     |                        |                      |                     |          |  |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| 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         |            |         |           | 374000              | 376500                 | 379000               |                     |          |  |
| Frequency (MHz) |            |         |           | 1840                | 1862.5                 | 1885                 |                     |          |  |
| 40              | Pl2 BPSK   | 1       | 1         | 12.04               | 12.20                  | 12.12                | 13.5                | 0.0      |  |
| 40              | Pl2 BPSK   | 1       | 108       | 12.04               | 12.15                  | 12.12                |                     |          |  |
| 40              | Pl2 BPSK   | 1       | 214       | 12.01               | 12.12                  | 12.05                |                     |          |  |
| 40              | Pl2 BPSK   | 108     | 0         | 11.92               | 12.11                  | 12.13                | 13.5                | 0.0      |  |
| 40              | Pl2 BPSK   | 108     | 54        | 11.97               | 12.22                  | 12.14                | 13.5                | 0.0      |  |
| 40              | Pl2 BPSK   | 108     | 108       | 12.02               | 12.23                  | 12.10                | 13.5                | 0.0      |  |
| 40              | Pl2 BPSK   | 216     | 0         | 11.99               | 12.20                  | 12.13                | 13.5                | 0.0      |  |
| 40              | QPSK       | 1       | 1         | 12.21               | 12.25                  | 12.22                |                     |          |  |
| 40              | QPSK       | 1       | 108       | 12.14               | 12.24                  | 12.10                |                     |          |  |
| 40              | QPSK       | 1       | 214       | 12.09               | 12.13                  | 12.12                | 13.5                | 0.0      |  |
| 40              | QPSK       | 108     | 0         | 12.03               | 12.16                  | 12.06                |                     |          |  |
| 40              | QPSK       | 108     | 54        | 12.07               | 12.24                  | 12.18                |                     |          |  |
| 40              | QPSK       | 108     | 108       | 11.97               | 12.16                  | 12.15                | 13.5                | 0.0      |  |
| 40              | QPSK       | 216     | 0         | 12.04               | 12.13                  | 12.04                | 13.5                | 0.0      |  |
| 40              | 16QAM      | 1       | 1         | 11.94               | 12.20                  | 12.15                |                     |          |  |
| 40              | 64QAM      | 1       | 1         | 12.02               | 12.09                  | 12.05                |                     |          |  |
| 40              | 256QAM     | 1       | 1         | 11.92               | 12.14                  | 12.17                | 13.5                | 0.0      |  |
| Channel         |            |         |           | 372500              | 376500                 | 379500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1867.5              | 1882.5                 | 1897.5               |                     |          |  |
| 35              | QPSK       | 1       | 1         | 11.95               | 12.10                  | 12.14                | 13.5                | 0.0      |  |
| Channel         |            |         |           | 373500              | 376500                 | 380000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1865                | 1882.5                 | 1900                 |                     |          |  |
| 30              | QPSK       | 1       | 1         | 11.96               | 12.23                  | 12.03                | 13.5                | 0.0      |  |
| Channel         |            |         |           | 372500              | 376500                 | 380500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1862.5              | 1882.5                 | 1902.5               |                     |          |  |
| 25              | QPSK       | 1       | 1         | 11.96               | 12.18                  | 12.04                | 13.5                | 0.0      |  |
| Channel         |            |         |           | 372000              | 376500                 | 381000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1860                | 1882.5                 | 1905                 |                     |          |  |
| 20              | QPSK       | 1       | 1         | 12.01               | 12.21                  | 12.08                | 13.5                | 0.0      |  |
| Channel         |            |         |           | 371500              | 376500                 | 381500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1857.5              | 1882.5                 | 1910                 |                     |          |  |
| 15              | QPSK       | 1       | 1         | 12.04               | 12.21                  | 12.07                | 13.5                | 0.0      |  |
| Channel         |            |         |           | 371000              | 376500                 | 382000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1855                | 1882.5                 | 1910                 |                     |          |  |
| 10              | QPSK       | 1       | 1         | 12.05               | 12.11                  | 12.08                | 13.5                | 0.0      |  |
| Channel         |            |         |           | 370500              | 376500                 | 382500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1852.5              | 1882.5                 | 1912.5               |                     |          |  |
| 5               | QPSK       | 1       | 1         | 12.05               | 12.13                  | 12.08                | 13.5                | 0.0      |  |

| n66_Ant 3       |            |         |           |                     |                        |                      |                     |          |  |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| 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         |            |         |           | 346500              | 349000                 | 351500               |                     |          |  |
| Frequency (MHz) |            |         |           | 1722.5              | 1745                   | 1767.5               |                     |          |  |
| 45              | Pl2 BPSK   | 1       | 1         | 15.22               | 15.39                  | 15.25                | 15.5                | 0.0      |  |
| 45              | Pl2 BPSK   | 1       | 122       | 15.27               | 15.26                  | 15.11                |                     |          |  |
| 45              | Pl2 BPSK   | 1       | 243       | 15.31               | 15.32                  | 15.17                |                     |          |  |
| 45              | Pl2 BPSK   | 120     | 0         | 15.27               | 15.29                  | 15.14                | 15.5                | 0.0      |  |
| 45              | Pl2 BPSK   | 120     | 60        | 15.32               | 15.32                  | 15.12                | 15.5                | 0.0      |  |
| 45              | Pl2 BPSK   | 120     | 122       | 15.33               | 15.29                  | 15.20                | 15.5                | 0.0      |  |
| 45              | Pl2 BPSK   | 243     | 0         | 15.33               | 15.32                  | 15.23                | 15.5                | 0.0      |  |
| 45              | QPSK       | 1       | 1         | 15.41               | 15.43                  | 15.40                |                     |          |  |
| 45              | QPSK       | 1       | 122       | 15.27               | 15.36                  | 15.26                |                     |          |  |
| 45              | QPSK       | 1       | 243       | 15.40               | 15.33                  | 15.25                | 15.5                | 0.0      |  |
| 45              | QPSK       | 120     | 0         | 15.22               | 15.32                  | 15.24                |                     |          |  |
| 45              | QPSK       | 120     | 60        | 15.35               | 15.40                  | 15.26                |                     |          |  |
| 45              | QPSK       | 120     | 122       | 15.25               | 15.35                  | 15.16                | 15.5                | 0.0      |  |
| 45              | QPSK       | 243     | 0         | 15.32               | 15.36                  | 15.16                | 15.5                | 0.0      |  |
| 45              | 16QAM      | 1       | 1         | 15.30               | 15.30                  | 15.20                |                     |          |  |
| 45              | 64QAM      | 1       | 1         | 15.30               | 15.36                  | 15.22                |                     |          |  |
| 45              | 256QAM     | 1       | 1         | 15.28               | 15.35                  | 15.14                | 15.5                | 0.0      |  |
| Channel         |            |         |           | 345000              | 349000                 | 350000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1730                | 1745                   | 1760                 |                     |          |  |
| 40              | QPSK       | 1       | 1         | 15.21               | 15.33                  | 15.23                | 15.5                | 0.0      |  |
| Channel         |            |         |           | 345500              | 349000                 | 350500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1727.5              | 1745                   | 1762.5               |                     |          |  |
| 35              | QPSK       | 1       | 1         | 15.30               | 15.26                  | 15.25                | 15.5                | 0.0      |  |
| Channel         |            |         |           | 345000              | 349000                 | 350000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1725                | 1745                   | 1765                 |                     |          |  |
| 30              | QPSK       | 1       | 1         | 15.34               | 15.35                  | 15.24                | 15.5                | 0.0      |  |
| Channel         |            |         |           | 344500              | 349000                 | 350500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1722.5              | 1745                   | 1767.5               |                     |          |  |
| 25              | QPSK       | 1       | 1         | 15.25               | 15.39                  | 15.24                | 15.5                | 0.0      |  |
| Channel         |            |         |           | 345000              | 349000                 | 350000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1720                | 1745                   | 1770                 |                     |          |  |
| 20              | QPSK       | 1       | 1         | 15.30               | 15.39                  | 15.16                | 15.5                | 0.0      |  |
| Channel         |            |         |           | 343500              | 349000                 | 350500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1717.5              | 1745                   | 1772.5               |                     |          |  |
| 15              | QPSK       | 1       | 1         | 15.31               | 15.31                  | 15.25                | 15.5                | 0.0      |  |
| Channel         |            |         |           | 343000              | 349000                 | 350500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1715                | 1745                   | 1775                 |                     |          |  |
| 10              | QPSK       | 1       | 1         | 15.29               | 15.34                  | 15.20                | 15.5                | 0.0      |  |
| Channel         |            |         |           | 342500              | 349000                 | 350500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1712.5              | 1745                   | 1777.5               |                     |          |  |
| 5               | QPSK       | 1       | 1         | 15.31               | 15.26                  | 15.16                | 15.5                | 0.0      |  |

| n66_Ant 2(ENDC) |            |         |           |                     |                     |                      |                     |          |  |
|-----------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------------|----------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Mid Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |  |
| Channel         |            |         |           | 345500              | 349000              | 351500               |                     |          |  |
| Frequency (MHz) |            |         |           | 1732.5              | 1745                | 1757.5               |                     |          |  |
| 45              | Pl2 BPSK   | 1       | 1         | 22.33               | 22.45               | 22.38                | 24.0                | 0.0      |  |
| 45              | Pl2 BPSK   | 1       | 122       | 22.25               | 22.39               | 22.38                |                     |          |  |
| 45              | Pl2 BPSK   | 1       | 243       | 22.22               | 22.32               | 22.21                |                     |          |  |
| 45              | Pl2 BPSK   | 120     | 0         | 21.92               | 22.00               | 21.99                | 23.5                | 0.5      |  |
| 45              | Pl2 BPSK   | 120     | 60        | 22.22               | 22.37               | 22.37                | 24.0                | 0.0      |  |
| 45              | Pl2 BPSK   | 120     | 122       | 21.79               | 21.92               | 21.82                | 23.5                | 0.5      |  |
| 45              | Pl2 BPSK   | 243     | 0         | 21.81               | 21.96               | 21.83                | 24.0                | 0.0      |  |
| 45              | QPSK       | 1       | 1         | 22.46               | 22.49               | 22.37                |                     |          |  |
| 45              | QPSK       | 1       | 122       | 22.32               | 22.39               | 22.31                |                     |          |  |
| 45              | QPSK       | 1       | 243       | 22.29               | 22.34               | 22.29                | 23.0                | 1.0      |  |
| 45              | QPSK       | 120     | 0         | 21.50               | 21.51               | 21.46                |                     |          |  |
| 45              | QPSK       | 120     | 60        | 22.44               | 22.48               | 22.36                |                     |          |  |
| 45              | QPSK       | 120     | 122       | 21.42               | 21.45               | 21.45                | 23.0                | 1.0      |  |
| 45              | QPSK       | 243     | 0         | 21.42               | 21.46               | 21.40                | 23.0                | 1.0      |  |
| 45              | 16QAM      | 1       | 1         | 21.09               | 21.16               | 21.12                |                     |          |  |
| 45              | 64QAM      | 1       | 1         | 19.67               | 19.75               | 19.73                |                     |          |  |
| 45              | 256QAM     | 1       | 1         | 18.32               | 18.38               | 18.34                | 19.5                | 4.5      |  |
| Channel         |            |         |           | 345000              | 349000              | 350000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1730                | 1745                | 1760                 |                     |          |  |
| 40              | QPSK       | 1       | 1         | 22.38               | 22.41               | 22.33                | 24.0                | 0.0      |  |
| Channel         |            |         |           | 345500              | 349000              | 350500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1727.5              | 1745                | 1762.5               |                     |          |  |
| 35              | QPSK       | 1       | 1         | 22.35               | 22.37               | 22.25                | 24.0                | 0.0      |  |
| Channel         |            |         |           | 345000              | 349000              | 350000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1725                | 1745                | 1765                 |                     |          |  |
| 30              | QPSK       | 1       | 1         | 22.38               | 22.41               | 22.37                | 24.0                | 0.0      |  |
| Channel         |            |         |           | 344500              | 349000              | 350500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1722.5              | 1745                | 1767.5               |                     |          |  |
| 25              | QPSK       | 1       | 1         | 22.31               | 22.34               | 22.24                | 24.0                | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                     |          |  |
| Channel         |            |         |           | 344000              | 349000              | 350000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1720                | 1745                | 1770                 |                     |          |  |
| 20              | QPSK       | 1       | 1         | 22.35               | 22.38               | 22.26                | 24.0                | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                     |          |  |
| Channel         |            |         |           | 343500              | 349000              | 350500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1717.5              | 1745                | 1772.5               |                     |          |  |
| 15              | QPSK       | 1       | 1         | 22.36               | 22.37               | 22.27                | 24.0                | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                     |          |  |
| Channel         |            |         |           | 343000              | 349000              | 350000               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1715                | 1745                | 1775                 |                     |          |  |
| 10              | QPSK       | 1       | 1         | 22.41               | 22.40               | 22.27                | 24.0                | 0.0      |  |
| Channel         |            |         |           |                     |                     |                      |                     |          |  |
| Channel         |            |         |           | 342500              | 349000              | 350500               | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 1712.5              | 1745                | 1772.5               |                     |          |  |
| 5               | QPSK       | 1       | 1         | 22.42               | 22.33               | 22.35                | 24.0                | 0.0      |  |

| FCC_n41_Ant 3   |            |         |           |                       |                          |                        |                     |          |  |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| 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         |            |         |           | 530202                | 518598                   | 530002                 | 16.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2546.01               | 2692.99                  | 2640                   |                     |          |  |
| 100             | PI/2 BPSK  | 1       | 1         | 14.69                 | 14.74                    | 14.80                  | 16.0                | 0.0      |  |
| 100             | PI/2 BPSK  | 1       | 137       | 14.57                 | 14.79                    | 14.77                  |                     |          |  |
| 100             | PI/2 BPSK  | 1       | 271       | 14.80                 | 14.79                    | 14.80                  |                     |          |  |
| 100             | PI/2 BPSK  | 135     | 0         | 14.64                 | 14.82                    | 14.80                  |                     |          |  |
| 100             | PI/2 BPSK  | 135     | 69        | 14.57                 | 14.73                    | 14.77                  | 16.0                | 0.0      |  |
| 100             | PI/2 BPSK  | 135     | 138       | 14.66                 | 14.74                    | 14.80                  |                     |          |  |
| 100             | PI/2 BPSK  | 270     | 0         | 14.61                 | 14.81                    | 14.81                  |                     |          |  |
| 100             | QPSK       | 1       | 1         | 14.85                 | 14.92                    | 14.89                  |                     |          |  |
| 100             | QPSK       | 1       | 137       | 14.82                 | 14.87                    | 14.77                  | 16.0                | 0.0      |  |
| 100             | QPSK       | 1       | 271       | 14.84                 | 14.78                    | 14.76                  |                     |          |  |
| 100             | QPSK       | 135     | 0         | 14.58                 | 14.84                    | 14.75                  |                     |          |  |
| 100             | QPSK       | 135     | 69        | 14.70                 | 14.85                    | 14.94                  |                     |          |  |
| 100             | QPSK       | 135     | 138       | 14.57                 | 14.78                    | 14.70                  | 16.0                | 0.0      |  |
| 100             | QPSK       | 270     | 0         | 14.67                 | 14.82                    | 14.70                  |                     |          |  |
| 100             | 16QAM      | 1       | 1         | 14.58                 | 14.84                    | 14.82                  |                     | 13.0     |  |
| 100             | 64QAM      | 1       | 1         | 14.64                 | 14.87                    | 14.77                  |                     |          |  |
| 100             | 256QAM     | 1       | 1         | 14.57                 | 14.85                    | 14.73                  |                     |          |  |
| Channel         |            |         |           | 505200                | 518598                   | 530000                 | 16.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2641                  | 2692.99                  | 2644.98                |                     |          |  |
| 90              | QPSK       | 1       | 1         | 14.55                 | 14.86                    | 14.74                  | 16.0                | 0.0      |  |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 |                     |          |  |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                | 16.0                | 0.0      |  |
| 80              | QPSK       | 1       | 1         | 14.69                 | 14.86                    | 14.83                  |                     |          |  |
| Channel         |            |         |           | 505202                | 518598                   | 531000                 | 16.0                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2531.01               | 2692.99                  | 2655                   |                     |          |  |
| 70              | QPSK       | 1       | 1         | 14.63                 | 14.82                    | 14.70                  | 16.0                | 0.0      |  |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 |                     |          |  |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                | 16.0                | 0.0      |  |
| 60              | QPSK       | 1       | 1         | 14.69                 | 14.74                    | 14.76                  |                     | 13.0     |  |
| Channel         |            |         |           | 504204                | 518598                   | 532000                 |                     |          |  |
| Frequency (MHz) |            |         |           | 2521.02               | 2692.99                  | 2664.98                | 16.0                | 0.0      |  |
| 50              | QPSK       | 1       | 1         | 14.80                 | 14.80                    | 14.71                  |                     | 13.0     |  |
| Channel         |            |         |           | 503700                | 518598                   | 533496                 |                     |          |  |
| Frequency (MHz) |            |         |           | 2518.5                | 2592.99                  | 2667.48                | 16.0                | 0.0      |  |
| 45              | QPSK       | 1       | 1         | 14.62                 | 14.79                    | 14.74                  |                     | 13.0     |  |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 |                     |          |  |
| Frequency (MHz) |            |         |           | 2516.01               | 2692.99                  | 2670                   | 16.0                | 0.0      |  |
| 40              | QPSK       | 1       | 1         | 14.65                 | 14.80                    | 14.70                  |                     | 13.0     |  |
| Channel         |            |         |           | 502704                | 518598                   | 534498                 |                     |          |  |
| Frequency (MHz) |            |         |           | 2513.52               | 2592.99                  | 2672.49                | 16.0                | 0.0      |  |
| 35              | QPSK       | 1       | 1         | 14.57                 | 14.76                    | 14.82                  |                     | 13.0     |  |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 |                     |          |  |
| Frequency (MHz) |            |         |           | 2511                  | 2692.99                  | 2674.98                | 16.0                | 0.0      |  |
| 30              | QPSK       | 1       | 1         | 14.63                 | 14.78                    | 14.72                  |                     | 13.0     |  |
| Channel         |            |         |           | 501702                | 518598                   | 535500                 |                     |          |  |
| Frequency (MHz) |            |         |           | 2508.51               | 2592.99                  | 2677.5                 | 16.0                | 0.0      |  |
| 25              | QPSK       | 1       | 1         | 14.62                 | 14.74                    | 14.74                  |                     | 13.0     |  |
| Channel         |            |         |           | 501204                | 518598                   | 535996                 |                     |          |  |
| Frequency (MHz) |            |         |           | 2506.02               | 2692.99                  | 2678.98                | 16.0                | 0.0      |  |
| 20              | QPSK       | 1       | 1         | 14.57                 | 14.82                    | 14.69                  |                     | 13.0     |  |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 |                     |          |  |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                | 16.0                | 0.0      |  |
| 15              | QPSK       | 1       | 1         | 14.64                 | 14.79                    | 14.77                  |                     | 13.0     |  |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 |                     |          |  |
| Frequency (MHz) |            |         |           | 2501.01               | 2692.99                  | 2685                   | 16.0                | 0.0      |  |
| 10              | QPSK       | 1       | 1         | 14.61                 | 14.75                    | 14.79                  |                     | 13.0     |  |

| Part96_n77_Ant 4 |            |         |           |                       |                          |                        |                     |          |  |     |  |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|-----|--|
| BW [MHz]         | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |  |     |  |
| Channel          |            |         |           | 640000                | 641666                   | 643332                 |                     |          |  |     |  |
| Frequency (MHz)  |            |         |           | 3600                  | 3624.99                  | 3649.98                |                     |          |  |     |  |
| 100              | PI/2 BPSK  | 1       | 1         | 11.65                 | 11.71                    | 11.46                  | 13.0                | 0.0      |  |     |  |
| 100              | PI/2 BPSK  | 1       | 137       | 11.74                 | 11.68                    | 11.59                  |                     |          |  |     |  |
| 100              | PI/2 BPSK  | 1       | 271       | 11.68                 | 11.80                    | 11.54                  |                     |          |  |     |  |
| 100              | PI/2 BPSK  | 135     | 0         | 11.75                 | 11.75                    | 11.60                  |                     |          |  |     |  |
| 100              | PI/2 BPSK  | 135     | 69        | 11.71                 | 11.68                    | 11.51                  | 13.0                | 0.0      |  |     |  |
| 100              | PI/2 BPSK  | 135     | 138       | 11.65                 | 11.67                    | 11.53                  |                     |          |  |     |  |
| 100              | PI/2 BPSK  | 270     | 0         | 11.63                 | 11.67                    | 11.57                  |                     |          |  |     |  |
| 100              | QPSK       | 1       | 1         | 11.85                 | 11.89                    | 11.76                  |                     |          |  |     |  |
| 100              | QPSK       | 1       | 137       | 11.78                 | 11.79                    | 11.63                  | 13.0                | 0.0      |  |     |  |
| 100              | QPSK       | 1       | 271       | 11.84                 | 11.81                    | 11.63                  |                     |          |  |     |  |
| 100              | QPSK       | 135     | 0         | 11.68                 | 11.81                    | 11.47                  |                     |          |  |     |  |
| 100              | QPSK       | 135     | 69        | 11.75                 | 11.82                    | 11.61                  |                     |          |  |     |  |
| 100              | QPSK       | 135     | 138       | 11.72                 | 11.68                    | 11.46                  | 13.0                | 0.0      |  |     |  |
| 100              | QPSK       | 270     | 0         | 11.74                 | 11.76                    | 11.48                  |                     |          |  |     |  |
| 100              | 16QAM      | 1       | 1         | 11.61                 | 11.70                    | 11.49                  |                     | 13.0     |  |     |  |
| 100              | 64QAM      | 1       | 1         | 11.74                 | 11.73                    | 11.51                  |                     |          |  | 0.0 |  |
| 100              | 256QAM     | 1       | 1         | 11.66                 | 11.72                    | 11.45                  |                     |          |  | 0.0 |  |
| Channel          |            |         |           | 639668                | 641666                   | 643666                 | Tune-up limit (dBm) | MPR (dB) |  |     |  |
| Frequency (MHz)  |            |         |           | 3595.02               | 3624.99                  | 3654.99                |                     |          |  |     |  |
| 90               | QPSK       | 1       | 1         | 11.68                 | 11.80                    | 11.51                  | 13.0                | 0.0      |  |     |  |
| Channel          |            |         |           | 639334                | 641666                   | 644000                 |                     |          |  |     |  |
| Frequency (MHz)  |            |         |           | 3590.01               | 3624.99                  | 3660                   | 13.0                | 0.0      |  |     |  |
| 80               | QPSK       | 1       | 1         | 11.75                 | 11.71                    | 11.47                  |                     |          |  |     |  |
| Channel          |            |         |           | 639000                | 641666                   | 644332                 | Tune-up limit (dBm) | MPR (dB) |  |     |  |
| Frequency (MHz)  |            |         |           | 3585                  | 3624.99                  | 3664.98                |                     |          |  |     |  |
| 70               | QPSK       | 1       | 1         | 11.63                 | 11.78                    | 11.51                  | 13.0                | 0.0      |  |     |  |
| Channel          |            |         |           | 638668                | 641666                   | 644666                 |                     |          |  |     |  |
| Frequency (MHz)  |            |         |           | 3580.02               | 3624.99                  | 3669.99                | Tune-up limit (dBm) | MPR (dB) |  |     |  |
| 60               | QPSK       | 1       | 1         | 11.75                 | 11.77                    | 11.47                  |                     |          |  |     |  |
| Channel          |            |         |           | 638334                | 641666                   | 645000                 |                     |          |  |     |  |
| Frequency (MHz)  |            |         |           | 3575.01               | 3624.99                  | 3675                   | Tune-up limit (dBm) | MPR (dB) |  |     |  |
| 50               | QPSK       | 1       | 1         | 11.72                 | 11.76                    | 11.58                  |                     |          |  |     |  |
| Channel          |            |         |           | 638168                | 641666                   | 645166                 |                     |          |  |     |  |
| Frequency (MHz)  |            |         |           | 3572.52               | 3624.99                  | 3677.49                | Tune-up limit (dBm) | MPR (dB) |  |     |  |
| 45               | QPSK       | 1       | 1         | 11.72                 | 11.69                    | 11.59                  |                     |          |  |     |  |
| Channel          |            |         |           | 638000                | 641666                   | 645332                 |                     |          |  |     |  |
| Frequency (MHz)  |            |         |           | 3570                  | 3624.99                  | 3679.98                | Tune-up limit (dBm) | MPR (dB) |  |     |  |
| 40               | QPSK       | 1       | 1         | 11.61                 | 11.68                    | 11.56                  |                     |          |  |     |  |
| Channel          |            |         |           | 637834                | 641666                   | 645500                 |                     |          |  |     |  |
| Frequency (MHz)  |            |         |           | 3567.51               | 3624.99                  | 3682.5                 | Tune-up limit (dBm) | MPR (dB) |  |     |  |
| 35               | QPSK       | 1       | 1         | 11.68                 | 11.67                    | 11.58                  |                     |          |  |     |  |
| Channel          |            |         |           | 637668                | 641666                   | 645666                 |                     |          |  |     |  |
| Frequency (MHz)  |            |         |           | 3565.02               | 3624.99                  | 3684.99                | Tune-up limit (dBm) | MPR (dB) |  |     |  |
| 30               | QPSK       | 1       | 1         | 11.71                 | 11.70                    | 11.48                  |                     |          |  |     |  |
| Channel          |            |         |           | 637500                | 641666                   | 645832                 |                     |          |  |     |  |
| Frequency (MHz)  |            |         |           | 3562.5                | 3624.99                  | 3687.48                | Tune-up limit (dBm) | MPR (dB) |  |     |  |
| 25               | QPSK       | 1       | 1         | 11.73                 | 11.68                    | 11.46                  |                     |          |  |     |  |
| Channel          |            |         |           | 637384                | 641666                   | 646000                 |                     |          |  |     |  |
| Frequency (MHz)  |            |         |           | 3560.01               | 3624.99                  | 3690                   | Tune-up limit (dBm) | MPR (dB) |  |     |  |
| 20               | QPSK       | 1       | 1         | 11.72                 | 11.77                    | 11.56                  |                     |          |  |     |  |
| Channel          |            |         |           | 637168                | 641666                   | 646166                 | Tune-up limit (dBm) | MPR (dB) |  |     |  |
| Frequency (MHz)  |            |         |           | 3557.52               | 3624.99                  | 3692.49                |                     |          |  |     |  |
| 15               | QPSK       | 1       | 1         | 11.61                 | 11.77                    | 11.47                  | 13.0                | 0.0      |  |     |  |
| Channel          |            |         |           | 637000                | 641666                   | 646332                 |                     |          |  |     |  |
| Frequency (MHz)  |            |         |           | 3555                  | 3624.99                  | 3694.98                | Tune-up limit (dBm) | MPR (dB) |  |     |  |
| 10               | QPSK       | 1       | 1         | 11.64                 | 11.75                    | 11.47                  |                     |          |  |     |  |

| Part27Q_n77_Ant 4 |            |         |           |                       |                          |                        |                     |          |  |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz]          | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |  |
| Channel           |            |         |           | 633332                | 3499.98                  |                        |                     |          |  |
| Frequency (MHz)   |            |         |           | 3499.98               | 11.83                    |                        |                     |          |  |
| 100               | PI/2 BPSK  | 1       | 1         |                       | 11.83                    |                        | 13.0                | 0.0      |  |
| 100               | PI/2 BPSK  | 1       | 137       |                       | 11.83                    |                        |                     |          |  |
| 100               | PI/2 BPSK  | 1       | 271       |                       | 11.81                    |                        |                     |          |  |
| 100               | PI/2 BPSK  | 135     | 0         |                       | 11.73                    |                        | 13.0                | 0.0      |  |
| 100               | PI/2 BPSK  | 135     | 69        |                       | 11.82                    |                        | 13.0                | 0.0      |  |
| 100               | PI/2 BPSK  | 135     | 138       |                       | 11.78                    |                        | 13.0                | 0.0      |  |
| 100               | PI/2 BPSK  | 270     | 0         |                       | 11.82                    |                        | 13.0                | 0.0      |  |
| 100               | QPSK       | 1       | 1         |                       | 11.93                    |                        |                     |          |  |
| 100               | QPSK       | 1       | 137       |                       | 11.89                    |                        | 13.0                | 0.0      |  |
| 100               | QPSK       | 1       | 271       |                       | 11.81                    |                        |                     |          |  |
| 100               | QPSK       | 135     | 0         |                       | 11.74                    |                        | 13.0                | 0.0      |  |
| 100               | QPSK       | 135     | 69        |                       | 11.84                    |                        |                     |          |  |
| 100               | QPSK       | 135     | 138       |                       | 11.78                    |                        | 13.0                | 0.0      |  |
| 100               | QPSK       | 270     | 0         |                       | 11.82                    |                        | 13.0                | 0.0      |  |
| 100               | 16QAM      | 1       | 1         |                       | 11.83                    |                        | 13.0                | 0.0      |  |
| 100               | 64QAM      | 1       | 1         |                       | 11.83                    |                        | 13.0                | 0.0      |  |
| 100               | 256QAM     | 1       | 1         |                       | 11.77                    |                        | 13.0                | 0.0      |  |
| Channel           |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |          |  |
| 90                | QPSK       | 1       | 1         | 11.81                 | 11.82                    | 11.81                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |          |  |
| 80                | QPSK       | 1       | 1         | 11.73                 | 11.76                    | 11.77                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |          |  |
| 70                | QPSK       | 1       | 1         | 11.77                 | 11.76                    | 11.75                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |          |  |
| 60                | QPSK       | 1       | 1         | 11.78                 | 11.71                    | 11.79                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 631666                | 633332                   | 635000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |          |  |
| 50                | QPSK       | 1       | 1         | 11.79                 | 11.73                    | 11.68                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 631500                | 633332                   | 635166                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3472.5                | 3499.98                  | 3527.49                |                     |          |  |
| 45                | QPSK       | 1       | 1         | 11.74                 | 11.69                    | 11.69                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |          |  |
| 40                | QPSK       | 1       | 1         | 11.70                 | 11.80                    | 11.73                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 631168                | 633332                   | 635500                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3467.52               | 3499.98                  | 3532.5                 |                     |          |  |
| 35                | QPSK       | 1       | 1         | 11.86                 | 11.71                    | 11.68                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |          |  |
| 30                | QPSK       | 1       | 1         | 11.79                 | 11.71                    | 11.68                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |          |  |
| 25                | QPSK       | 1       | 1         | 11.76                 | 11.78                    | 11.74                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |          |  |
| 20                | QPSK       | 1       | 1         | 11.77                 | 11.80                    | 11.73                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |          |  |
| 15                | QPSK       | 1       | 1         | 11.72                 | 11.68                    | 11.67                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |          |  |
| 10                | QPSK       | 1       | 1         | 11.80                 | 11.67                    | 11.70                  | 13.0                | 0.0      |  |

| Part27O_n77_Ant 4 |            |         |           |                       |                          |                        |                     |          |  |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz]          | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |  |
| Channel           |            |         |           | 650000                | 656000                   | 662000                 |                     |          |  |
| Frequency (MHz)   |            |         |           | 3745                  | 3840                     | 3930                   |                     |          |  |
| 100               | PI/2 BPSK  | 1       | 1         |                       | 11.85                    |                        | 13.0                | 0.0      |  |
| 100               | PI/2 BPSK  | 1       | 137       |                       | 11.75                    |                        |                     |          |  |
| 100               | PI/2 BPSK  | 1       | 271       |                       | 11.74                    |                        |                     |          |  |
| 100               | PI/2 BPSK  | 135     | 0         |                       | 11.78                    |                        | 13.0                | 0.0      |  |
| 100               | PI/2 BPSK  | 135     | 69        |                       | 11.78                    |                        | 13.0                | 0.0      |  |
| 100               | PI/2 BPSK  | 135     | 138       |                       | 11.77                    |                        | 13.0                | 0.0      |  |
| 100               | PI/2 BPSK  | 270     | 0         |                       | 11.74                    |                        | 13.0                | 0.0      |  |
| 100               | QPSK       | 1       | 1         |                       | 11.98                    |                        |                     |          |  |
| 100               | QPSK       | 1       | 137       |                       | 11.85                    |                        | 13.0                | 0.0      |  |
| 100               | QPSK       | 1       | 271       |                       | 11.93                    |                        |                     |          |  |
| 100               | QPSK       | 135     | 0         |                       | 11.86                    |                        | 13.0                | 0.0      |  |
| 100               | QPSK       | 135     | 69        |                       | 11.98                    |                        |                     |          |  |
| 100               | QPSK       | 135     | 138       |                       | 11.78                    |                        | 13.0                | 0.0      |  |
| 100               | QPSK       | 270     | 0         |                       | 11.82                    |                        | 13.0                | 0.0      |  |
| 100               | 16QAM      | 1       | 1         |                       | 11.76                    |                        | 13.0                | 0.0      |  |
| 100               | 64QAM      | 1       | 1         |                       | 11.78                    |                        | 13.0                | 0.0      |  |
| 100               | 256QAM     | 1       | 1         |                       | 11.78                    |                        | 13.0                | 0.0      |  |
| Channel           |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |          |  |
| 90                | QPSK       | 1       | 1         | 11.86                 | 11.73                    | 11.78                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |          |  |
| 80                | QPSK       | 1       | 1         | 11.75                 | 11.72                    | 11.65                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3735                  | 3840                     | 3945                   |                     |          |  |
| 70                | QPSK       | 1       | 1         | 11.80                 | 11.72                    | 11.77                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |          |  |
| 60                | QPSK       | 1       | 1         | 11.77                 | 11.71                    | 11.69                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |          |  |
| 50                | QPSK       | 1       | 1         | 11.78                 | 11.67                    | 11.72                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 648168                | 656000                   | 663832                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3722.52               | 3840                     | 3957.48                |                     |          |  |
| 45                | QPSK       | 1       | 1         | 11.77                 | 11.58                    | 11.72                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3720                  | 3840                     | 3960                   |                     |          |  |
| 40                | QPSK       | 1       | 1         | 11.84                 | 11.70                    | 11.66                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 647834                | 656000                   | 664166                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3717.51               | 3840                     | 3962.49                |                     |          |  |
| 35                | QPSK       | 1       | 1         | 11.81                 | 11.70                    | 11.77                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 647598                | 656000                   | 664332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3715.02               | 3840                     | 3964.98                |                     |          |  |
| 30                | QPSK       | 1       | 1         | 11.79                 | 11.59                    | 11.68                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3712.5                | 3840                     | 3967.5                 |                     |          |  |
| 25                | QPSK       | 1       | 1         | 11.75                 | 11.60                    | 11.68                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 647384                | 656000                   | 664666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |          |  |
| 20                | QPSK       | 1       | 1         | 11.78                 | 11.70                    | 11.63                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |          |  |
| 15                | QPSK       | 1       | 1         | 11.75                 | 11.58                    | 11.69                  | 13.0                | 0.0      |  |
| Channel           |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3705                  | 3840                     | 3975                   |                     |          |  |
| 10                | QPSK       | 1       | 1         | 11.72                 | 11.65                    | 11.66                  | 13.0                | 0.0      |  |

### Reduced Power Mode for Hotspot On

| Band 2 Ant 3    |            |         |       |    |               |               |               |               |                      |           |
|-----------------|------------|---------|-------|----|---------------|---------------|---------------|---------------|----------------------|-----------|
| SRV (MHz)       | Modulation | RS Eize | RS CR | CR | PR Freq (MHz) | PR Freq (MHz) | PR Freq (MHz) | PR Freq (MHz) | Time-up time (after) | MPFS (dB) |
| Channel         |            |         |       |    |               |               |               |               |                      |           |
| Frequency (MHz) |            |         |       |    |               |               |               |               |                      |           |
| 25              | QPSK       | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         | 17.5                 | 0         |
| 25              | QPSK       | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 25              | QPSK       | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 25              | QPSK       | 50      | 25    |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 25              | QPSK       | 50      | 25    |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 100             | QPSK       | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 100             | QPSK       | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 100             | QPSK       | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 100             | QPSK       | 50      | 25    |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 100             | QPSK       | 50      | 25    |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 25              | 16QAM      | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 25              | 16QAM      | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 25              | 16QAM      | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 25              | 16QAM      | 50      | 25    |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 25              | 16QAM      | 50      | 25    |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 100             | 16QAM      | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 100             | 16QAM      | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 100             | 16QAM      | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 100             | 16QAM      | 50      | 25    |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 100             | 16QAM      | 50      | 25    |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 25              | 64QAM      | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 25              | 64QAM      | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 25              | 64QAM      | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 25              | 64QAM      | 50      | 25    |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 25              | 64QAM      | 50      | 25    |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 100             | 64QAM      | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 100             | 64QAM      | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 100             | 64QAM      | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 100             | 64QAM      | 50      | 25    |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 100             | 64QAM      | 50      | 25    |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 25              | 256QAM     | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 25              | 256QAM     | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 25              | 256QAM     | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 25              | 256QAM     | 50      | 25    |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 25              | 256QAM     | 50      | 25    |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 100             | 256QAM     | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 100             | 256QAM     | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 100             | 256QAM     | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 100             | 256QAM     | 50      | 25    |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 100             | 256QAM     | 50      | 25    |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 25              | 512QAM     | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 25              | 512QAM     | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 25              | 512QAM     | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 25              | 512QAM     | 50      | 25    |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 25              | 512QAM     | 50      | 25    |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 100             | 512QAM     | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 100             | 512QAM     | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 100             | 512QAM     | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 100             | 512QAM     | 50      | 25    |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 100             | 512QAM     | 50      | 25    |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| Channel         |            |         |       |    |               |               |               |               |                      |           |
| Frequency (MHz) |            |         |       |    |               |               |               |               |                      |           |
| 5               | QPSK       | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 5               | QPSK       | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 5               | QPSK       | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 5               | QPSK       | 25      | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         |                      |           |
| 5               | QPSK       | 25      | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 5               | QPSK       | 25      | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 5               | QPSK       | 25      | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 5               | QPSK       | 25      | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 5               | QPSK       | 25      | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 5               | QPSK       | 25      | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         |                      |           |
| 5               | QPSK       | 25      | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 5               | 16QAM      | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 5               | 16QAM      | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 5               | 16QAM      | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 5               | 16QAM      | 25      | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         |                      |           |
| 5               | 16QAM      | 25      | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 5               | 16QAM      | 25      | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 5               | 64QAM      | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 5               | 64QAM      | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 5               | 64QAM      | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 5               | 64QAM      | 25      | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         |                      |           |
| 5               | 64QAM      | 25      | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 5               | 64QAM      | 25      | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 5               | 256QAM     | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 5               | 256QAM     | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 5               | 256QAM     | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 5               | 256QAM     | 25      | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         |                      |           |
| 5               | 256QAM     | 25      | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 5               | 256QAM     | 25      | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 5               | 512QAM     | 1       | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         | 17.5                 | 0         |
| 5               | 512QAM     | 1       | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 5               | 512QAM     | 1       | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| 5               | 512QAM     | 25      | 0     |    | 18.65         | 18.65         | 18.65         | 18.65         |                      |           |
| 5               | 512QAM     | 25      | 0     |    | 18.67         | 18.67         | 18.67         | 18.67         |                      |           |
| 5               | 512QAM     | 25      | 0     |    | 18.64         | 18.64         | 18.65         | 18.65         |                      |           |
| Channel         |            |         |       |    |               |               |               |               |                      |           |
| Frequency (MHz) |            |         |       |    |               |               |               |               |                      |           |
| 14              | QPSK       | 1       | 0     |    | 18.58         | 18.57         | 18.57         | 18.57         | 17.5                 | 0         |
| 14              | QPSK       | 1       | 0     |    | 18.58         | 18.57         | 18.57         | 18.57         |                      |           |
| 14              | QPSK       | 1       | 0     |    | 18.56         | 18.56         | 18.56         | 18.56         |                      |           |
| 14              | QPSK       | 5       | 0     |    | 18.58         | 18.58         | 18.58         | 18.58         |                      |           |
| 14              | QPSK       | 5       | 0     |    | 18.54         | 18.54         | 18.54         | 18.54         |                      |           |
| 14              | QPSK       | 5       | 0     |    | 18.51         | 18.51         | 18.51         | 18.51         |                      |           |
| 14              | QPSK       | 5       | 0     |    | 18.48         | 18.54         | 18.50         | 18.50         | 17.5                 | 0         |
| 14              | QPSK       | 5       | 0     |    | 18.46         | 18.54         | 18.50         | 18.50         |                      |           |
| 14              | 16QAM      | 1       | 0     |    | 18.58         | 18.57         | 18.57         | 18.57         |                      |           |
| 14              | 16QAM      | 1       | 0     |    | 18.54         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              | 16QAM      | 5       | 0     |    | 18.58         | 18.58         | 18.58         | 18.58         |                      |           |
| 14              | 16QAM      | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         | 17.5                 | 0         |
| 14              | 16QAM      | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 16QAM      | 5       | 0     |    | 18.51         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 16QAM      | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              | 16QAM      | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 64QAM      | 1       | 0     |    | 18.58         | 18.58         | 18.58         | 18.58         | 17.5                 | 0         |
| 14              | 64QAM      | 1       | 0     |    | 18.56         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              | 64QAM      | 5       | 0     |    | 18.58         | 18.58         | 18.58         | 18.58         |                      |           |
| 14              | 64QAM      | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              | 64QAM      | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 256QAM     | 1       | 0     |    | 18.58         | 18.58         | 18.58         | 18.58         | 17.5                 | 0         |
| 14              | 256QAM     | 1       | 0     |    | 18.56         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              | 256QAM     | 5       | 0     |    | 18.58         | 18.58         | 18.58         | 18.58         |                      |           |
| 14              | 256QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              | 256QAM     | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 1       | 0     |    | 18.58         | 18.58         | 18.58         | 18.58         | 17.5                 | 0         |
| 14              | 512QAM     | 1       | 0     |    | 18.56         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.58         | 18.58         | 18.58         | 18.58         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.51         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         | 17.5                 | 0         |
| 14              | 512QAM     | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.51         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.51         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         | 17.5                 | 0         |
| 14              | 512QAM     | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.51         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.51         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         | 17.5                 | 0         |
| 14              | 512QAM     | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.51         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.51         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         | 17.5                 | 0         |
| 14              | 512QAM     | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.51         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.51         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         | 17.5                 | 0         |
| 14              | 512QAM     | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.51         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.51         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         | 17.5                 | 0         |
| 14              | 512QAM     | 5       | 0     |    | 18.53         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.51         | 18.58         | 18.57         | 18.57         |                      |           |
| 14              | 512QAM     | 5       | 0     |    | 18.55         | 18.57         | 18.58         | 18.58         |                      |           |
| 14              |            |         |       |    |               |               |               |               |                      |           |

| Band 2_Ant 2(ENDC) |              |        |          |         |                 |              |                 |                 |                  |          |
|--------------------|--------------|--------|----------|---------|-----------------|--------------|-----------------|-----------------|------------------|----------|
| 5M (MHz)           | Multicasting | RB No. | RB Group | Ch. No. | Ch. Freq. (MHz) | Ch. BW (MHz) | Ch. Power (dBm) | Ch. Power (dBm) | Time-up time (s) | MPC (dB) |
| Channel            |              |        |          |         |                 |              |                 |                 |                  |          |
| Frequency (MHz)    |              |        |          |         |                 |              |                 |                 |                  |          |
| 20                 | QPSK         | 1      | 0        | 1       | 13.17           | 13.17        | 13.17           | 13.17           | 15               | 0        |
| 20                 | QPSK         | 1      | 0        | 2       | 13.83           | 13.83        | 13.83           | 13.83           | 15               | 0        |
| 20                 | QPSK         | 1      | 0        | 3       | 14.50           | 13.82        | 13.82           | 13.82           | 15               | 0        |
| 20                 | QPSK         | 1      | 0        | 4       | 15.16           | 13.82        | 13.82           | 13.82           | 15               | 0        |
| 20                 | QPSK         | 1      | 0        | 5       | 15.82           | 13.84        | 13.84           | 13.84           | 15               | 0        |
| 20                 | QPSK         | 1      | 0        | 6       | 16.48           | 13.86        | 13.86           | 13.86           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 7       | 17.14           | 13.82        | 13.82           | 13.81           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 8       | 17.80           | 13.84        | 13.84           | 13.84           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 9       | 18.46           | 13.86        | 13.86           | 13.86           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 10      | 19.12           | 13.88        | 13.88           | 13.88           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 11      | 19.78           | 13.90        | 13.90           | 13.90           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 12      | 20.44           | 13.92        | 13.92           | 13.92           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 13      | 21.10           | 13.94        | 13.94           | 13.94           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 14      | 21.76           | 13.96        | 13.96           | 13.96           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 15      | 22.42           | 13.98        | 13.98           | 13.98           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 16      | 23.08           | 14.00        | 14.00           | 14.00           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 17      | 23.74           | 14.02        | 14.02           | 14.02           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 18      | 24.40           | 14.04        | 14.04           | 14.04           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 19      | 25.06           | 14.06        | 14.06           | 14.06           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 20      | 25.72           | 14.08        | 14.08           | 14.08           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 21      | 26.38           | 14.10        | 14.10           | 14.10           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 22      | 27.04           | 14.12        | 14.12           | 14.12           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 23      | 27.70           | 14.14        | 14.14           | 14.14           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 24      | 28.36           | 14.16        | 14.16           | 14.16           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 25      | 29.02           | 14.18        | 14.18           | 14.18           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 26      | 29.68           | 14.20        | 14.20           | 14.20           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 27      | 30.34           | 14.22        | 14.22           | 14.22           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 28      | 31.00           | 14.24        | 14.24           | 14.24           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 29      | 31.66           | 14.26        | 14.26           | 14.26           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 30      | 32.32           | 14.28        | 14.28           | 14.28           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 31      | 32.98           | 14.30        | 14.30           | 14.30           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 32      | 33.64           | 14.32        | 14.32           | 14.32           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 33      | 34.30           | 14.34        | 14.34           | 14.34           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 34      | 34.96           | 14.36        | 14.36           | 14.36           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 35      | 35.62           | 14.38        | 14.38           | 14.38           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 36      | 36.28           | 14.40        | 14.40           | 14.40           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 37      | 36.94           | 14.42        | 14.42           | 14.42           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 38      | 37.60           | 14.44        | 14.44           | 14.44           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 39      | 38.26           | 14.46        | 14.46           | 14.46           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 40      | 38.92           | 14.48        | 14.48           | 14.48           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 41      | 39.58           | 14.50        | 14.50           | 14.50           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 42      | 40.24           | 14.52        | 14.52           | 14.52           | 15               | 0        |
| 20                 | 16QAM        | 1      | 0        | 43      | 40.90           | 14.54        | 14.54           | 14.54           | 15               | 0        |

| Band 4 Ant3     |            |         |          |                 |                 |                 |                 |                 |                    |          |
|-----------------|------------|---------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|--------------------|----------|
| BW (MHz)        | Modulation | RB Size | RB Count | Ch. Freq. (MHz) | Ch. Freq. (MHz) | Ch. Freq. (MHz) | Ch. Freq. (MHz) | Ch. Freq. (MHz) | Time-up time (min) | MFR (dB) |
| Channel         |            |         |          |                 |                 |                 |                 |                 |                    |          |
| Frequency (MHz) |            |         |          |                 |                 |                 |                 |                 |                    |          |
| 20              | QPSK       | 1       | 8        | 17.22           | 17.22           | 17.22           | 17.22           | 17.22           |                    |          |
| 20              | QPSK       | 1       | 8        | 17.23           | 17.23           | 17.23           | 17.23           | 17.23           | 17.5               | 0        |
| 20              | QPSK       | 1       | 8        | 17.24           | 17.24           | 17.24           | 17.24           | 17.24           |                    |          |
| 20              | QPSK       | 1       | 8        | 17.25           | 17.25           | 17.25           | 17.25           | 17.25           |                    |          |
| 20              | QPSK       | 1       | 8        | 17.26           | 17.26           | 17.26           | 17.26           | 17.26           | 17.5               | 0        |
| 20              | QPSK       | 50      | 50       | 17.27           | 17.27           | 17.27           | 17.27           | 17.27           |                    |          |
| 20              | QPSK       | 50      | 50       | 17.28           | 17.28           | 17.28           | 17.28           | 17.28           |                    |          |
| 20              | 16QAM      | 1       | 8        | 17.29           | 17.29           | 17.29           | 17.29           | 17.29           | 17.5               | 0        |
| 20              | 16QAM      | 1       | 8        | 17.30           | 17.30           | 17.30           | 17.30           | 17.30           |                    |          |
| 20              | 16QAM      | 1       | 8        | 17.31           | 17.31           | 17.31           | 17.31           | 17.31           |                    |          |
| 20              | 16QAM      | 1       | 8        | 17.32           | 17.32           | 17.32           | 17.32           | 17.32           | 17.5               | 0        |
| 20              | 16QAM      | 50      | 50       | 17.33           | 17.33           | 17.33           | 17.33           | 17.33           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.34           | 17.34           | 17.34           | 17.34           | 17.34           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.35           | 17.35           | 17.35           | 17.35           | 17.35           | 17.5               | 0        |
| 20              | 16QAM      | 50      | 50       | 17.36           | 17.36           | 17.36           | 17.36           | 17.36           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.37           | 17.37           | 17.37           | 17.37           | 17.37           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.38           | 17.38           | 17.38           | 17.38           | 17.38           | 17.5               | 0        |
| 20              | 16QAM      | 50      | 50       | 17.39           | 17.39           | 17.39           | 17.39           | 17.39           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.40           | 17.40           | 17.40           | 17.40           | 17.40           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.41           | 17.41           | 17.41           | 17.41           | 17.41           | 17.5               | 0        |
| 20              | 16QAM      | 50      | 50       | 17.42           | 17.42           | 17.42           | 17.42           | 17.42           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.43           | 17.43           | 17.43           | 17.43           | 17.43           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.44           | 17.44           | 17.44           | 17.44           | 17.44           | 17.5               | 0        |
| 20              | 16QAM      | 50      | 50       | 17.45           | 17.45           | 17.45           | 17.45           | 17.45           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.46           | 17.46           | 17.46           | 17.46           | 17.46           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.47           | 17.47           | 17.47           | 17.47           | 17.47           | 17.5               | 0        |
| 20              | 16QAM      | 50      | 50       | 17.48           | 17.48           | 17.48           | 17.48           | 17.48           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.49           | 17.49           | 17.49           | 17.49           | 17.49           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.50           | 17.50           | 17.50           | 17.50           | 17.50           | 17.5               | 0        |
| 20              | 16QAM      | 50      | 50       | 17.51           | 17.51           | 17.51           | 17.51           | 17.51           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.52           | 17.52           | 17.52           | 17.52           | 17.52           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.53           | 17.53           | 17.53           | 17.53           | 17.53           | 17.5               | 0        |
| 20              | 16QAM      | 50      | 50       | 17.54           | 17.54           | 17.54           | 17.54           | 17.54           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.55           | 17.55           | 17.55           | 17.55           | 17.55           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.56           | 17.56           | 17.56           | 17.56           | 17.56           | 17.5               | 0        |
| 20              | 16QAM      | 50      | 50       | 17.57           | 17.57           | 17.57           | 17.57           | 17.57           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.58           | 17.58           | 17.58           | 17.58           | 17.58           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.59           | 17.59           | 17.59           | 17.59           | 17.59           | 17.5               | 0        |
| 20              | 16QAM      | 50      | 50       | 17.60           | 17.60           | 17.60           | 17.60           | 17.60           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.61           | 17.61           | 17.61           | 17.61           | 17.61           |                    |          |
| 20              | 16QAM      | 50      | 50       | 17.62           | 17.62           | 17.62           | 17.62           | 17.62           | 17.5               | 0        |
| 20              | 16QAM      | 50      | 50       | 17.63           | 17.63           | 17.63           | 17.63           | 17.63           |                    |          |

[illegible]

| Band 12_Ant 0   |            |         |           |                      |                      |                      |                     |          |    |
|-----------------|------------|---------|-----------|----------------------|----------------------|----------------------|---------------------|----------|----|
| RF (MHz)        | Modulation | RB Size | RB Offset | Power Max (Ch./Freq) | Power Min (Ch./Freq) | Power Max (Ch./Freq) | Time-up limit (sec) | MFR (dB) |    |
| Channel         |            |         |           |                      |                      |                      |                     |          |    |
| Frequency (MHz) |            |         |           |                      |                      |                      |                     |          |    |
| 18              | QPSK       | 1       | 0         | 23.61                | 23.55                | 23.52                |                     |          |    |
| 18              | QPSK       | 1       | 26        | 23.64                | 23.58                | 23.55                |                     |          | 0  |
| 18              | QPSK       | 1       | 26        | 23.64                | 23.58                | 23.55                |                     |          |    |
| 18              | QPSK       | 25      | 0         | 22.27                | 22.24                | 22.24                |                     |          |    |
| 18              | QPSK       | 25      | 24        | 22.27                | 22.24                | 22.24                |                     |          |    |
| 18              | QPSK       | 25      | 26        | 22.58                | 22.58                | 22.55                | 24                  | 1        |    |
| 18              | QPSK       | 25      | 0         | 21.14                | 21.14                | 21.14                |                     |          |    |
| 18              | 16QAM      | 1       | 0         | 23.14                | 23.10                | 23.10                |                     |          |    |
| 18              | 16QAM      | 1       | 26        | 23.68                | 23.59                | 23.58                |                     |          | 24 |
| 18              | 16QAM      | 1       | 26        | 23.68                | 23.59                | 23.58                |                     |          |    |
| 18              | 16QAM      | 25      | 0         | 21.54                | 21.53                | 21.54                |                     |          |    |
| 18              | 16QAM      | 25      | 24        | 21.54                | 21.53                | 21.54                |                     |          |    |
| 18              | 16QAM      | 25      | 26        | 21.85                | 21.84                | 21.82                | 23                  | 2        |    |
| 18              | 16QAM      | 50      | 0         | 21.87                | 21.72                | 21.65                |                     |          |    |
| 18              | 16QAM      | 50      | 24        | 21.88                | 21.73                | 21.65                |                     |          |    |
| 18              | 64QAM      | 1       | 26        | 21.81                | 21.52                | 21.50                | 23                  | 2        |    |
| 18              | 64QAM      | 1       | 26        | 21.81                | 21.52                | 21.50                |                     |          |    |
| 18              | 64QAM      | 25      | 0         | 20.84                | 20.87                | 20.88                |                     |          |    |
| 18              | 64QAM      | 25      | 12        | 20.88                | 20.95                | 20.94                |                     |          |    |
| 18              | 64QAM      | 25      | 12        | 20.88                | 20.95                | 20.94                | 22                  | 3        |    |
| 18              | 64QAM      | 25      | 0         | 20.84                | 20.84                | 20.82                |                     |          |    |
| 18              | 256QAM     | 1       | 26        | 18.96                | 18.86                | 18.87                |                     |          |    |
| 18              | 256QAM     | 1       | 26        | 18.96                | 18.87                | 18.87                |                     |          |    |
| 18              | 256QAM     | 1       | 26        | 18.96                | 18.87                | 18.87                | 20                  | 5        |    |
| 18              | 256QAM     | 25      | 12        | 18.74                | 18.73                | 18.74                |                     |          |    |
| 18              | 256QAM     | 25      | 12        | 18.74                | 18.73                | 18.74                | 20                  | 5        |    |
| 18              | 256QAM     | 50      | 0         | 18.71                | 18.70                | 18.72                |                     |          |    |
| Channel         |            |         |           |                      |                      |                      |                     |          |    |
| Frequency (MHz) |            |         |           |                      |                      |                      |                     |          |    |
| 3               | QPSK       | 1       | 0         | 23.54                | 23.54                | 23.53                |                     |          |    |
| 3               | QPSK       | 1       | 12        | 23.77                | 23.58                | 23.57                |                     |          | 0  |
| 3               | QPSK       | 1       | 12        | 23.77                | 23.58                | 23.57                |                     |          |    |
| 3               | QPSK       | 12      | 0         | 22.68                | 22.62                | 22.69                |                     |          |    |
| 3               | QPSK       | 12      | 0         | 22.68                | 22.62                | 22.69                |                     |          |    |
| 3               | QPSK       | 12      | 18        | 22.68                | 22.68                | 22.68                | 24                  | 1        |    |
| 3               | QPSK       | 1       | 0         | 22.68                | 22.68                | 22.69                |                     |          |    |
| 3               | 16QAM      | 1       | 12        | 22.67                | 22.68                | 22.67                | 24                  | 1        |    |
| 3               | 16QAM      | 1       | 12        | 22.67                | 22.68                | 22.67                |                     |          |    |
| 3               | 16QAM      | 12      | 0         | 21.81                | 21.70                | 21.70                |                     |          |    |
| 3               | 16QAM      | 12      | 7         | 21.80                | 21.68                | 21.68                |                     |          |    |
| 3               | 16QAM      | 12      | 18        | 21.88                | 21.75                | 21.75                | 23                  | 2        |    |
| 3               | 16QAM      | 25      | 0         | 21.59                | 21.67                | 21.67                |                     |          |    |
| 3               | 16QAM      | 25      | 12        | 21.53                | 21.52                | 21.53                |                     |          |    |
| 3               | 64QAM      | 1       | 12        | 21.68                | 22.10                | 21.73                | 23                  | 2        |    |
| 3               | 64QAM      | 1       | 12        | 21.68                | 22.10                | 21.73                |                     |          |    |
| 3               | 64QAM      | 12      | 0         | 20.84                | 20.80                | 20.84                |                     |          |    |
| 3               | 64QAM      | 12      | 7         | 20.77                | 20.73                | 20.86                | 22                  | 3        |    |
| 3               | 64QAM      | 12      | 18        | 20.84                | 20.84                | 20.84                |                     |          |    |
| 3               | 64QAM      | 25      | 0         | 20.81                | 20.71                | 20.82                |                     |          |    |
| 3               | 256QAM     | 1       | 0         | 18.93                | 18.94                | 18.93                |                     |          |    |
| 3               | 256QAM     | 1       | 12        | 18.75                | 18.75                | 18.75                |                     |          |    |
| 3               | 256QAM     | 1       | 24        | 18.65                | 18.65                | 18.75                | 20                  | 5        |    |
| 3               | 256QAM     | 12      | 0         | 18.75                | 18.75                | 18.75                |                     |          |    |
| 3               | 256QAM     | 12      | 7         | 18.72                | 18.66                | 18.72                | 20                  | 5        |    |
| 3               | 256QAM     | 12      | 18        | 18.69                | 18.62                | 18.69                |                     |          |    |
| 3               | 256QAM     | 25      | 0         | 18.70                | 18.70                | 18.70                |                     |          |    |
| Channel         |            |         |           |                      |                      |                      |                     |          |    |
| Frequency (MHz) |            |         |           |                      |                      |                      |                     |          |    |
| 20              | QPSK       | 1       | 0         | 23.61                | 23.55                | 23.52                |                     |          |    |
| 20              | QPSK       | 1       | 8         | 23.59                | 23.50                | 23.57                |                     |          | 0  |
| 20              | QPSK       | 1       | 8         | 23.58                | 23.50                | 23.57                |                     |          |    |
| 20              | QPSK       | 8       | 0         | 22.57                | 22.48                | 22.53                |                     |          |    |
| 20              | QPSK       | 8       | 4         | 22.58                | 22.50                | 22.57                |                     |          |    |
| 20              | QPSK       | 8       | 20        | 22.58                | 22.50                | 22.57                | 24                  | 1        |    |
| 20              | QPSK       | 16      | 0         | 22.63                | 22.58                | 22.59                |                     |          |    |
| 20              | QPSK       | 16      | 8         | 22.63                | 22.58                | 22.59                |                     |          |    |
| 20              | QPSK       | 16      | 24        | 22.63                | 22.58                | 22.59                |                     |          |    |
| 20              | 16QAM      | 1       | 8         | 23.70                | 22.67                | 22.66                | 24                  | 1        |    |
| 20              | 16QAM      | 1       | 16        | 23.14                | 22.79                | 22.78                |                     |          |    |
| 20              | 16QAM      | 1       | 16        | 23.13                | 22.79                | 22.78                |                     |          |    |
| 20              | 16QAM      | 8       | 4         | 21.48                | 21.55                | 21.44                | 23                  | 2        |    |
| 20              | 16QAM      | 8       | 4         | 21.48                | 21.55                | 21.44                |                     |          |    |
| 20              | 16QAM      | 8       | 20        | 21.48                | 21.55                | 21.44                | 23                  | 2        |    |
| 20              | 16QAM      | 16      | 0         | 21.49                | 21.63                | 21.61                |                     |          |    |
| 20              | 16QAM      | 16      | 0         | 21.83                | 21.86                | 21.87                |                     |          |    |
| 20              | 16QAM      | 16      | 8         | 21.80                | 21.78                | 21.78                |                     |          |    |
| 20              | 64QAM      | 1       | 14        | 21.86                | 21.89                | 21.80                | 23                  | 2        |    |
| 20              | 64QAM      | 1       | 14        | 21.84                | 20.81                | 21.80                |                     |          |    |
| 20              | 64QAM      | 8       | 4         | 20.95                | 20.39                | 20.57                | 22                  | 3        |    |
| 20              | 64QAM      | 8       | 4         | 20.99                | 20.39                | 20.57                |                     |          |    |
| 20              | 64QAM      | 15      | 7         | 20.48                | 20.35                | 20.43                |                     |          |    |
| 20              | 256QAM     | 1       | 0         | 18.90                | 18.79                | 18.90                |                     |          |    |
| 20              | 256QAM     | 1       | 8         | 18.89                | 18.69                | 18.89                |                     |          |    |
| 20              | 256QAM     | 1       | 16        | 18.75                | 18.51                | 18.84                | 20                  | 5        |    |
| 20              | 256QAM     | 1       | 14        | 18.72                | 18.61                | 18.77                |                     |          |    |
| 20              | 256QAM     | 8       | 4         | 18.64                | 18.61                | 18.64                |                     |          |    |
| 20              | 256QAM     | 8       | 4         | 18.70                | 18.61                | 18.64                |                     |          |    |
| 20              | 256QAM     | 8       | 7         | 18.62                | 18.62                | 18.53                | 20                  | 5        |    |
| 20              | 256QAM     | 15      | 15        | 18.58                | 18.58                | 18.58                |                     |          |    |
| Channel         |            |         |           |                      |                      |                      |                     |          |    |
| Frequency (MHz) |            |         |           |                      |                      |                      |                     |          |    |
| 1.4             | QPSK       | 1       | 0         | 23.58                | 23.53                | 23.53                |                     |          |    |
| 1.4             | QPSK       | 1       | 3         | 23.60                | 23.50                | 23.50                |                     |          |    |
| 1.4             | QPSK       | 1       | 3         | 23.59                | 23.50                | 23.50                |                     |          | 0  |
| 1.4             | QPSK       | 3       | 0         | 23.53                | 23.47                | 23.53                |                     |          |    |
| 1.4             | QPSK       | 3       | 1         | 23.50                | 23.67                | 23.55                |                     |          |    |
| 1.4             | QPSK       | 3       | 1         | 23.50                | 23.67                | 23.55                |                     |          |    |
| 1.4             | QPSK       | 6       | 0         | 22.57                | 22.58                | 22.51                | 24                  | 1        |    |
| 1.4             | 16QAM      | 1       | 0         | 23.10                | 23.05                | 23.05                |                     |          |    |
| 1.4             | 16QAM      | 1       | 3         | 23.75                | 22.67                | 22.74                |                     |          |    |
| 1.4             | 16QAM      | 1       | 5         | 22.55                | 22.67                | 22.68                | 24                  | 1        |    |
| 1.4             | 16QAM      | 1       | 5         | 22.55                | 22.67                | 22.68                |                     |          |    |
| 1.4             | 16QAM      | 3       | 1         | 22.46                | 22.48                | 22.55                |                     |          |    |
| 1.4             | 16QAM      | 6       | 3         | 21.88                | 21.78                | 21.87                | 23                  | 2        |    |
| 1.4             | 8QAM       | 1       | 0         | 21.87                | 21.88                | 21.41                |                     |          |    |
| 1.4             | 8QAM       | 1       | 21        | 21.85                | 21.79                | 21.41                |                     |          |    |
| 1.4             | 8QAM       | 1       | 5         | 21.88                | 21.89                | 21.41                | 23                  | 2        |    |
| 1.4             | 8QAM       | 3       | 3         | 21.83                | 21.73                | 21.74                |                     |          |    |
| 1.4             | 8QAM       | 3       | 3         | 21.83                | 21.73                | 21.74                |                     |          |    |
| 1.4             | 256QAM     | 1       | 0         | 18.76                | 18.81                | 18.99                |                     |          |    |
| 1.4             | 256QAM     | 1       | 0         | 18.76                | 18.81                | 18.99                |                     |          |    |
| 1.4             | 256QAM     | 3       | 0         | 18.49                | 18.86                | 18.82                |                     |          |    |
| 1.4             | 256QAM     | 3       | 0         | 18.49                | 18.86                | 18.82                |                     |          |    |
| 1.4             | 256QAM     | 3       | 3         | 18.53                | 18.85                | 18.47                | 20                  | 5        |    |

| Band 13_Ant 0   |            |         |           |                      |                      |                       |                    |          |    |
|-----------------|------------|---------|-----------|----------------------|----------------------|-----------------------|--------------------|----------|----|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power Low (Ch Power) | Power Med (Ch Power) | Power High (Ch Power) | Time-up time (sec) | MPE (dB) |    |
| Channel         |            |         |           | 23250                |                      |                       |                    |          |    |
| Frequency (MHz) |            |         |           | 742                  |                      |                       |                    |          |    |
| 18              | QPSK       | 1       | 0         | 23.00                | 23.00                | 23.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 23.00                | 23.00                | 23.00                 |                    |          | 25 |
| 18              | QPSK       | 1       | 25        | 23.00                | 23.00                | 23.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 23.00                | 23.00                | 23.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 23.00                | 23.00                | 23.00                 |                    |          |    |
| 18              | QPSK       | 25      | 25        | 23.00                | 23.00                | 23.00                 |                    |          | 24 |
| 18              | QPSK       | 50      | 0         | 23.00                | 23.00                | 23.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 23.00                | 23.00                | 23.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 23.00                | 23.00                | 23.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 23.00                | 23.00                | 23.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 23.00                | 23.00                | 23.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 23.00                | 23.00                | 23.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 23.00                | 23.00                | 23.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 23.00                | 23.00                | 23.00                 |                    |          |    |
| 18              | QPSK       | 1       | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 20 |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 20 |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 25      | 12        | 18.00                | 18.00                | 18.00                 |                    |          | 23 |
| 18              | QPSK       | 25      | 25        | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 50      | 0         | 18.00                | 18.00                | 18.00                 |                    |          |    |
| 18              | QPSK       | 1       | 25        | 18.00                | 18.00                | 18.00                 |                    |          | 24 |
| 18              | QPSK       | 1       | 25        |                      |                      |                       |                    |          |    |

| Band 30_Ant 3   |            |         |           |                     |                      |                     |                      |                 |          |
|-----------------|------------|---------|-----------|---------------------|----------------------|---------------------|----------------------|-----------------|----------|
| RF [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power High Ch./Freq. | Power Max Ch./Freq. | Power High Ch./Freq. | Time slot (min) | SNR (dB) |
| Channel         |            |         |           | 27716               |                      | 27736               |                      | Time slot (min) | SNR (dB) |
| Frequency (MHz) |            |         |           | 27716               |                      | 27736               |                      |                 |          |
| 10              | QPSK       | 1       | 0         | 12.03               |                      |                     |                      |                 |          |
| 10              | QPSK       | 1       | 26        | 11.94               |                      |                     |                      | 13              | 0        |
| 10              | QPSK       | 25      | 0         | 12.03               |                      |                     |                      |                 |          |
| 10              | QPSK       | 25      | 12        | 11.94               |                      |                     |                      | 13              | 0        |
| 10              | QPSK       | 25      | 12        | 11.97               |                      |                     |                      |                 |          |
| 10              | QPSK       | 50      | 0         | 11.94               |                      |                     |                      |                 |          |
| 10              | QPSK       | 50      | 1         | 11.95               |                      |                     |                      |                 |          |
| 10              | QPSK       | 1       | 26        | 11.97               |                      |                     |                      | 13              | 0        |
| 10              | QPSK       | 1       | 26        | 11.97               |                      |                     |                      |                 |          |
| 10              | QPSK       | 25      | 0         | 11.91               |                      |                     |                      |                 |          |
| 10              | QPSK       | 25      | 12        | 11.97               |                      |                     |                      | 13              | 0        |
| 10              | QPSK       | 25      | 12        | 11.97               |                      |                     |                      |                 |          |
| 10              | QPSK       | 50      | 0         | 11.94               |                      |                     |                      |                 |          |
| 10              | QPSK       | 50      | 1         | 11.96               |                      |                     |                      |                 |          |
| 10              | QPSK       | 1       | 26        | 11.99               |                      |                     |                      | 13              | 0        |
| 10              | QPSK       | 25      | 12        | 11.92               |                      |                     |                      |                 |          |
| 10              | QPSK       | 25      | 12        | 11.99               |                      |                     |                      | 13              | 0        |
| 10              | QPSK       | 25      | 12        | 11.97               |                      |                     |                      |                 |          |
| 10              | QPSK       | 50      | 0         | 11.95               |                      |                     |                      |                 |          |
| 10              | QPSK       | 1       | 26        | 11.91               |                      |                     |                      |                 |          |
| 10              | QPSK       | 25      | 12        | 11.94               |                      |                     |                      | 13              | 0        |
| 10              | QPSK       | 1       | 26        | 11.95               |                      |                     |                      |                 |          |
| 10              | QPSK       | 25      | 12        | 11.92               |                      |                     |                      | 13              | 0        |
| 10              | QPSK       | 25      | 12        | 11.93               |                      |                     |                      |                 |          |
| 10              | QPSK       | 50      | 0         | 11.94               |                      |                     |                      |                 |          |
| 10              | QPSK       | 50      | 1         | 11.97               |                      |                     |                      |                 |          |
| Channel         |            |         |           | 27716               |                      | 27736               |                      | Time slot (min) | SNR (dB) |
| Frequency (MHz) |            |         |           | 27716               |                      | 27736               |                      |                 |          |
| 5               | QPSK       | 1       | 0         | 12.01               | 12.01                | 12.01               |                      |                 |          |
| 5               | QPSK       | 1       | 12        | 11.98               | 11.93                | 11.88               |                      | 13              | 0        |
| 5               | QPSK       | 1       | 26        | 11.95               | 11.87                | 11.83               |                      |                 |          |
| 5               | QPSK       | 12      | 0         | 11.90               | 11.91                | 11.94               |                      |                 |          |
| 5               | QPSK       | 12      | 7         | 11.88               | 11.90                | 11.90               |                      |                 |          |
| 5               | QPSK       | 12      | 7         | 11.88               | 11.88                | 11.88               |                      | 13              | 0        |
| 5               | QPSK       | 25      | 0         | 11.82               | 11.81                | 11.87               |                      |                 |          |
| 5               | QPSK       | 25      | 1         | 11.86               | 11.85                | 11.88               |                      |                 |          |
| 5               | QPSK       | 1       | 12        | 11.87               | 11.83                | 11.82               |                      | 13              | 0        |
| 5               | QPSK       | 1       | 26        | 11.83               | 11.84                | 11.86               |                      |                 |          |
| 5               | QPSK       | 12      | 7         | 11.82               | 11.80                | 11.83               |                      |                 |          |
| 5               | QPSK       | 12      | 7         | 11.82               | 11.83                | 11.83               |                      | 13              | 0        |
| 5               | QPSK       | 25      | 0         | 11.83               | 11.84                | 11.85               |                      |                 |          |
| 5               | QPSK       | 25      | 1         | 11.83               | 11.83                | 11.83               |                      |                 |          |
| 5               | QPSK       | 1       | 12        | 11.82               | 11.80                | 11.83               |                      | 13              | 0        |
| 5               | QPSK       | 1       | 26        | 11.79               | 11.88                | 11.84               |                      |                 |          |
| 5               | QPSK       | 12      | 7         | 11.84               | 11.81                | 11.87               |                      |                 |          |
| 5               | QPSK       | 12      | 7         | 11.84               | 11.82                | 11.82               |                      |                 |          |
| 5               | QPSK       | 12      | 7         | 11.80               | 11.82                | 11.84               |                      |                 |          |
| 5               | QPSK       | 25      | 0         | 11.83               | 11.80                | 11.80               |                      | 13              | 0        |
| 5               | QPSK       | 25      | 1         | 11.80               | 11.82                | 11.83               |                      |                 |          |
| 5               | QPSK       | 1       | 12        | 11.80               | 11.82                | 11.80               |                      |                 |          |
| 5               | QPSK       | 12      | 12        | 11.81               | 11.81                | 11.88               |                      | 13              | 0        |
| 5               | QPSK       | 12      | 13        | 11.88               | 11.92                | 11.85               |                      |                 |          |

| Band 30_Ant 2(ENDC) |            |         |           |                     |                        |                      |                      |          |
|---------------------|------------|---------|-----------|---------------------|------------------------|----------------------|----------------------|----------|
| BW [MHz]            | Modulation | RB Size | RB Offset | Power Low (Ch Freq) | Power Normal (Ch Freq) | Power High (Ch Freq) | Turn-up time (after) | MFR (dB) |
| Channel             |            |         |           | 27716               | 27716                  | 27716                |                      |          |
| Frequency (MHz)     |            |         |           | 27716               | 27716                  | 27716                |                      |          |
| 10                  | QPSK       | 1       | 0         | 14.58               | 14.58                  |                      |                      |          |
| 10                  | QPSK       | 1       | 26        | 14.58               | 14.58                  | 16.00                |                      | 0        |
| 10                  | QPSK       | 25      | 0         | 14.60               | 14.60                  |                      |                      |          |
| 10                  | QPSK       | 25      | 12        | 14.62               | 14.62                  |                      | 10                   | 0        |
| 10                  | QPSK       | 25      | 0         | 14.72               | 14.72                  |                      |                      |          |
| 10                  | QPSK       | 50      | 0         | 14.76               | 14.76                  |                      |                      |          |
| 10                  | QPSK       | 50      | 26        | 14.76               | 14.76                  | 16.00                | 10                   | 0        |
| 10                  | QPSK       | 25      | 12        | 14.76               | 14.76                  |                      |                      |          |
| 10                  | QPSK       | 50      | 12        | 14.76               | 14.76                  |                      | 10                   | 0        |
| 10                  | QPSK       | 50      | 0         | 14.76               | 14.76                  |                      |                      |          |
| 10                  | QPSK       | 50      | 0         | 14.76               | 14.76                  | 16.00                | 10                   | 0        |
| 10                  | QPSK       | 1       | 26        | 14.76               | 14.76                  |                      |                      |          |
| 10                  | QPSK       | 1       | 0         | 14.76               | 14.76                  | 16.00                |                      |          |
| 10                  | QPSK       | 25      | 12        | 14.76               | 14.76                  |                      | 10                   | 0        |
| 10                  | QPSK       | 25      | 0         | 14.76               | 14.76                  |                      |                      |          |
| 10                  | QPSK       | 50      | 0         | 14.76               | 14.76                  | 16.00                |                      |          |
| 20                  | 256QAM     | 1       | 26        | 14.76               | 14.76                  |                      |                      |          |
| 20                  | 256QAM     | 1       | 0         | 14.76               | 14.76                  | 16.00                |                      |          |
| 20                  | 256QAM     | 25      | 12        | 14.76               | 14.76                  |                      | 10                   | 0        |
| 20                  | 256QAM     | 25      | 0         | 14.76               | 14.76                  |                      |                      |          |
| 20                  | 256QAM     | 50      | 0         | 14.76               | 14.76                  | 16.00                |                      |          |
| 20                  | 256QAM     | 50      | 26        | 14.76               | 14.76                  | 16.00                |                      |          |
| 20                  | 256QAM     | 1       | 0         | 14.76               | 14.76                  |                      |                      |          |
| 20                  | 256QAM     | 1       | 26        | 14.76               | 14.76                  | 16.00                |                      |          |
| 20                  | 256QAM     | 25      | 12        | 14.76               | 14.76                  |                      | 10                   | 0        |
| 20                  | 256QAM     | 25      | 0         | 14.76               | 14.76                  |                      |                      |          |
| 20                  | 256QAM     | 50      | 0         | 14.76               | 14.76                  | 16.00                |                      |          |
| 20                  | 256QAM     | 50      | 26        | 14.76               | 14.76                  | 16.00                |                      |          |
| Channel             |            |         |           | 27716               | 27716                  | 27716                |                      |          |
| Frequency (MHz)     |            |         |           | 27716               | 27716                  | 27716                |                      |          |
| 5                   | QPSK       | 1       | 0         | 14.74               | 14.82                  |                      |                      |          |
| 5                   | QPSK       | 1       | 12        | 14.78               | 14.72                  | 16.00                |                      | 0        |
| 5                   | QPSK       | 12      | 0         | 14.80               | 14.80                  |                      | 10                   | 0        |
| 5                   | QPSK       | 12      | 0         | 14.72               | 14.08                  | 14.72                |                      |          |
| 5                   | QPSK       | 12      | 7         | 14.81               | 14.80                  | 14.80                |                      |          |
| 5                   | QPSK       | 12      | 19        | 14.80               | 14.87                  | 14.80                | 10                   | 0        |
| 5                   | QPSK       | 25      | 0         | 14.80               | 14.84                  | 16.00                |                      |          |
| 5                   | QPSK       | 25      | 12        | 14.80               | 14.72                  | 14.76                |                      |          |
| 5                   | QPSK       | 1       | 12        | 14.80               | 14.08                  | 14.80                |                      |          |
| 5                   | QPSK       | 1       | 26        | 14.74               | 14.76                  | 14.80                |                      |          |
| 5                   | QPSK       | 12      | 6         | 14.81               | 14.82                  | 14.80                |                      |          |
| 5                   | QPSK       | 12      | 7         | 14.72               | 14.83                  | 14.83                |                      |          |
| 5                   | QPSK       | 12      | 31        | 14.82               | 14.73                  | 14.80                |                      |          |
| 5                   | QPSK       | 25      | 0         | 14.82               | 14.09                  | 14.80                |                      |          |
| 5                   | QPSK       | 1       | 0         | 14.82               | 14.81                  | 14.80                |                      |          |
| 5                   | QPSK       | 1       | 26        | 14.76               | 14.89                  | 14.83                |                      |          |
| 5                   | QPSK       | 1       | 26        | 14.80               | 14.86                  | 16.00                |                      | 0        |
| 5                   | QPSK       | 12      | 19        | 14.71               | 14.80                  | 14.82                |                      |          |
| 5                   | QPSK       | 12      | 7         | 14.78               | 14.76                  | 14.80                |                      |          |
| 5                   | QPSK       | 12      | 13        | 14.81               | 14.80                  | 14.71                |                      |          |
| 5                   | QPSK       | 12      | 19        | 14.73               | 14.81                  | 14.74                |                      |          |
| 5                   | QPSK       | 1       | 0         | 14.84               | 14.80                  | 14.80                |                      |          |
| 5                   | QPSK       | 1       | 26        | 14.72               | 14.76                  | 14.80                |                      |          |
| 5                   | 256QAM     | 1       | 24        | 14.82               | 14.87                  | 14.71                |                      |          |
| 5                   | 256QAM     | 12      | 0         | 14.87               | 14.73                  | 14.80                |                      |          |
| 5                   | 256QAM     | 12      | 12        | 14.72               | 14.72                  | 14.81                |                      |          |
| 5                   | 256QAM     | 12      | 13        | 14.85               | 14.88                  | 14.84                |                      | 0        |

21.62

| Band 66_Ant 3   |           |         |           |                     |                       |                      |                     |          |  |  |
|-----------------|-----------|---------|-----------|---------------------|-----------------------|----------------------|---------------------|----------|--|--|
| BW [MHz]        | Multiplex | RF Size | RF Offset | Power Low Ch [Freq] | Power Media Ch [Freq] | Power High Ch [Freq] | Time-up limit (min) | MPE (dB) |  |  |
| Channel         |           |         |           |                     |                       |                      |                     |          |  |  |
| Frequency [MHz] |           |         |           |                     |                       |                      |                     |          |  |  |
| 20              | QPSK      | 1       | 0         | 17.26               | 17.45                 | 17.75                |                     |          |  |  |
| 20              | QPSK      | 1       | 44        | 18.15               | 18.25                 | 18.11                | 17.5                | 0        |  |  |
| 20              | QPSK      | 1       | 96        | 18.07               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | QPSK      | 50      | 0         | 18.07               | 18.17                 | 18.17                |                     |          |  |  |
| 20              | QPSK      | 50      | 24        | 18.03               | 18.11                 | 18.08                | 17.5                | 0        |  |  |
| 20              | QPSK      | 50      | 50        | 18.05               | 18.05                 | 18.05                |                     |          |  |  |
| 20              | 16QAM     | 1       | 0         | 18.06               | 18.15                 | 18.06                |                     |          |  |  |
| 20              | 16QAM     | 1       | 44        | 18.04               | 18.15                 | 18.15                | 17.5                | 0        |  |  |
| 20              | 16QAM     | 1       | 96        | 18.08               | 18.12                 | 18.13                |                     |          |  |  |
| 20              | 16QAM     | 50      | 0         | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 16QAM     | 50      | 24        | 18.01               | 18.16                 | 18.07                | 17.5                | 0        |  |  |
| 20              | 16QAM     | 50      | 50        | 18.02               | 18.08                 | 18.07                |                     |          |  |  |
| 20              | 16QAM     | 100     | 0         | 18.05               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 16QAM     | 1       | 0         | 18.07               | 18.10                 | 18.08                |                     |          |  |  |
| 20              | 16QAM     | 1       | 44        | 18.03               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 16QAM     | 1       | 96        | 18.09               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 16QAM     | 50      | 0         | 18.07               | 18.15                 | 18.07                |                     |          |  |  |
| 20              | 16QAM     | 50      | 24        | 18.07               | 18.15                 | 18.15                | 17.5                | 0        |  |  |
| 20              | 16QAM     | 50      | 50        | 18.07               | 18.08                 | 18.08                |                     |          |  |  |
| 20              | 16QAM     | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              | 256QAM    | 50      | 0         | 18.08               | 18.12                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 50      | 24        | 18.01               | 18.15                 | 18.05                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 50      | 50        | 18.07               | 18.14                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 100     | 0         | 18.04               | 18.08                 | 18.05                |                     |          |  |  |
| 20              | 256QAM    | 1       | 0         | 18.09               | 18.07                 | 18.10                |                     |          |  |  |
| 20              | 256QAM    | 1       | 44        | 18.05               | 18.12                 | 18.12                | 17.5                | 0        |  |  |
| 20              | 256QAM    | 1       | 96        | 18.05               | 18.15                 | 18.15                |                     |          |  |  |
| 20              |           |         |           |                     |                       |                      |                     |          |  |  |

| n2_Ant 3        |            |         |           |                             |                                |                              |                        |             |  |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|-------------|--|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 1870                        | 1890                           | 1900                         |                        |             |  |
| Frequency (MHz) |            |         |           | 1870                        | 1890                           | 1900                         |                        |             |  |
| 40              | PV2 BPSK   | 1       | 1         | 17.38                       | 17.55                          | 17.38                        |                        |             |  |
| 40              | PV2 BPSK   | 1       | 108       | 17.41                       | 17.51                          | 17.38                        | 19.0                   | 0.0         |  |
| 40              | PV2 BPSK   | 1       | 214       | 17.44                       | 17.50                          | 17.49                        |                        |             |  |
| 40              | PV2 BPSK   | 108     | 0         | 17.41                       | 17.56                          | 17.38                        | 19.0                   | 0.0         |  |
| 40              | PV2 BPSK   | 108     | 54        | 17.44                       | 17.49                          | 17.41                        | 19.0                   | 0.0         |  |
| 40              | PV2 BPSK   | 108     | 108       | 17.40                       | 17.49                          | 17.45                        |                        |             |  |
| 40              | PV2 BPSK   | 216     | 0         | 17.33                       | 17.59                          | 17.40                        | 19.0                   | 0.0         |  |
| 40              | QPSK       | 1       | 1         | 17.56                       | 17.65                          | 17.53                        |                        |             |  |
| 40              | QPSK       | 1       | 108       | 17.61                       | 17.61                          | 17.44                        | 19.0                   | 0.0         |  |
| 40              | QPSK       | 1       | 214       | 17.48                       | 17.65                          | 17.52                        |                        |             |  |
| 40              | QPSK       | 108     | 0         | 17.43                       | 17.57                          | 17.39                        | 19.0                   | 0.0         |  |
| 40              | QPSK       | 108     | 54        | 17.45                       | 17.62                          | 17.50                        | 19.0                   | 0.0         |  |
| 40              | QPSK       | 108     | 108       | 17.42                       | 17.52                          | 17.44                        | 19.0                   | 0.0         |  |
| 40              | QPSK       | 216     | 0         | 17.42                       | 17.47                          | 17.43                        |                        |             |  |
| 40              | 16QAM      | 1       | 1         | 17.38                       | 17.56                          | 17.41                        | 19.0                   | 0.0         |  |
| 40              | 64QAM      | 1       | 1         | 17.32                       | 17.48                          | 17.47                        | 19.0                   | 0.0         |  |
| 40              | 256QAM     | 1       | 1         | 17.34                       | 17.45                          | 17.45                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 1867.5                      | 1880                           | 1892.5                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1867.5                      | 1880                           | 1892.5                       |                        |             |  |
| 35              | QPSK       | 1       | 1         | 17.43                       | 17.48                          | 17.45                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 373000                      | 376000                         | 379000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1865                        | 1880                           | 1895                         |                        |             |  |
| 30              | QPSK       | 1       | 1         | 17.39                       | 17.61                          | 17.48                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 372500                      | 376000                         | 379500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1862.5                      | 1880                           | 1897.5                       |                        |             |  |
| 25              | QPSK       | 1       | 1         | 17.34                       | 17.55                          | 17.35                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 372000                      | 376000                         | 380000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1860                        | 1880                           | 1900                         |                        |             |  |
| 20              | QPSK       | 1       | 1         | 17.41                       | 17.55                          | 17.44                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 371500                      | 376000                         | 380500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1857.5                      | 1880                           | 1902.5                       |                        |             |  |
| 15              | QPSK       | 1       | 1         | 17.40                       | 17.58                          | 17.35                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 371000                      | 376000                         | 381000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1855                        | 1880                           | 1905                         |                        |             |  |
| 10              | QPSK       | 1       | 1         | 17.31                       | 17.52                          | 17.43                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 370500                      | 376000                         | 381500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1852.5                      | 1880                           | 1907.5                       |                        |             |  |
| 5               | QPSK       | 1       | 1         | 17.39                       | 17.52                          | 17.39                        | 19.0                   | 0.0         |  |

| n2_Ant 2(ENDC)  |            |         |           |                             |                                |                              |                        |             |  |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|-------------|--|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 1870                        | 1880                           | 1900                         |                        |             |  |
| Frequency (MHz) |            |         |           | 1870                        | 1880                           | 1900                         |                        |             |  |
| 40              | PV2 BPSK   | 1       | 1         | 13.73                       | 13.80                          | 13.81                        |                        |             |  |
| 40              | PV2 BPSK   | 1       | 108       | 13.73                       | 13.89                          | 13.90                        | 15.5                   | 0.0         |  |
| 40              | PV2 BPSK   | 1       | 214       | 13.74                       | 13.80                          | 13.88                        |                        |             |  |
| 40              | PV2 BPSK   | 108     | 0         | 13.74                       | 13.82                          | 13.82                        | 15.5                   | 0.0         |  |
| 40              | PV2 BPSK   | 108     | 54        | 13.68                       | 13.93                          | 13.83                        | 15.5                   | 0.0         |  |
| 40              | PV2 BPSK   | 108     | 108       | 13.71                       | 13.84                          | 13.81                        |                        |             |  |
| 40              | PV2 BPSK   | 216     | 0         | 13.70                       | 13.86                          | 13.88                        | 15.5                   | 0.0         |  |
| 40              | QPSK       | 1       | 1         | 13.89                       | 14.02                          | 14.00                        |                        |             |  |
| 40              | QPSK       | 1       | 108       | 13.86                       | 13.96                          | 13.96                        | 15.5                   | 0.0         |  |
| 40              | QPSK       | 1       | 214       | 13.74                       | 13.90                          | 13.90                        |                        |             |  |
| 40              | QPSK       | 108     | 0         | 13.69                       | 13.92                          | 13.78                        | 15.5                   | 0.0         |  |
| 40              | QPSK       | 108     | 54        | 13.81                       | 13.95                          | 13.93                        | 15.5                   | 0.0         |  |
| 40              | QPSK       | 108     | 108       | 13.68                       | 13.96                          | 13.78                        | 15.5                   | 0.0         |  |
| 40              | QPSK       | 216     | 0         | 13.70                       | 13.90                          | 13.79                        |                        |             |  |
| 40              | 16QAM      | 1       | 1         | 13.73                       | 13.85                          | 13.80                        | 15.5                   | 0.0         |  |
| 40              | 64QAM      | 1       | 1         | 13.75                       | 13.85                          | 13.81                        | 15.5                   | 0.0         |  |
| 40              | 256QAM     | 1       | 1         | 13.77                       | 13.87                          | 13.85                        | 15.5                   | 0.0         |  |
| Channel         |            |         |           | 372500                      | 376000                         | 379500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1867.5                      | 1880                           | 1892.5                       |                        |             |  |
| 35              | QPSK       | 1       | 1         | 13.72                       | 13.91                          | 13.92                        | 15.5                   | 0.0         |  |
| Channel         |            |         |           | 373000                      | 376000                         | 379000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1865                        | 1880                           | 1895                         |                        |             |  |
| 30              | QPSK       | 1       | 1         | 13.69                       | 13.80                          | 13.92                        | 15.5                   | 0.0         |  |
| Channel         |            |         |           | 372500                      | 376000                         | 379500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1862.5                      | 1880                           | 1897.5                       |                        |             |  |
| 25              | QPSK       | 1       | 1         | 13.73                       | 13.92                          | 13.89                        | 15.5                   | 0.0         |  |
| Channel         |            |         |           | 372000                      | 376000                         | 380000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1860                        | 1880                           | 1900                         |                        |             |  |
| 20              | QPSK       | 1       | 1         | 13.68                       | 13.87                          | 13.91                        | 15.5                   | 0.0         |  |
| Channel         |            |         |           | 371500                      | 376000                         | 380500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1857.5                      | 1880                           | 1902.5                       |                        |             |  |
| 15              | QPSK       | 1       | 1         | 13.77                       | 13.81                          | 13.92                        | 15.5                   | 0.0         |  |
| Channel         |            |         |           | 371000                      | 376000                         | 381000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1855                        | 1880                           | 1905                         |                        |             |  |
| 10              | QPSK       | 1       | 1         | 13.77                       | 13.86                          | 13.88                        | 15.5                   | 0.0         |  |
| Channel         |            |         |           | 370500                      | 376000                         | 381500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1852.5                      | 1880                           | 1907.5                       |                        |             |  |
| 5               | QPSK       | 1       | 1         | 13.76                       | 13.91                          | 13.78                        | 15.5                   | 0.0         |  |

| n5_Ant 0        |            |         |           |                             |                                |                              |                        |             |  |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|-------------|--|
| BW (MHz)        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 167300                      |                                |                              |                        |             |  |
| Frequency (MHz) |            |         |           | 836.5                       |                                |                              |                        |             |  |
| 25              | PV2 BPSK   | 1       | 1         | 23.79                       |                                |                              |                        |             |  |
| 25              | PV2 BPSK   | 1       | 65        | 23.72                       |                                |                              | 25.0                   | 0.0         |  |
| 25              | PV2 BPSK   | 1       | 131       | 23.70                       |                                |                              |                        |             |  |
| 25              | PV2 BPSK   | 64      | 0         | 23.18                       |                                |                              | 24.5                   | 0.5         |  |
| 25              | PV2 BPSK   | 64      | 32        | 23.81                       |                                |                              | 25.0                   | 0.0         |  |
| 25              | PV2 BPSK   | 64      | 66        | 23.58                       |                                |                              | 24.5                   | 0.5         |  |
| 25              | PV2 BPSK   | 128     | 0         | 23.27                       |                                |                              |                        |             |  |
| 25              | QPSK       | 1       | 1         | 23.62                       |                                |                              | 25.0                   | 0.0         |  |
| 25              | QPSK       | 1       | 65        | 23.73                       |                                |                              |                        |             |  |
| 25              | QPSK       | 1       | 131       | 23.70                       |                                |                              |                        |             |  |
| 25              | QPSK       | 64      | 0         | 22.71                       |                                |                              | 24.0                   | 1.0         |  |
| 25              | QPSK       | 64      | 32        | 23.78                       |                                |                              | 25.0                   | 0.0         |  |
| 25              | QPSK       | 64      | 66        | 22.80                       |                                |                              | 24.0                   | 1.0         |  |
| 25              | QPSK       | 128     | 0         | 22.77                       |                                |                              |                        |             |  |
| 25              | 16QAM      | 1       | 1         | 22.41                       |                                |                              | 24.0                   | 1.0         |  |
| 25              | 64QAM      | 1       | 1         | 20.98                       |                                |                              | 22.5                   | 2.5         |  |
| 25              | 256QAM     | 1       | 1         | 19.61                       |                                |                              | 20.5                   | 4.5         |  |
| Channel         |            |         |           | 166800                      | 167300                         | 167800                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 834                         | 836.5                          | 839                          |                        |             |  |
| 20              | QPSK       | 1       | 1         | 23.62                       | 23.77                          | 23.60                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 166300                      | 167300                         | 168300                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 831.5                       | 836.5                          | 841.5                        |                        |             |  |
| 15              | QPSK       | 1       | 1         | 23.67                       | 23.75                          | 23.56                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 165800                      | 167300                         | 168800                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 829                         | 836.5                          | 846                          |                        |             |  |
| 10              | QPSK       | 1       | 1         | 23.61                       | 23.81                          | 23.62                        | 25.0                   | 0.0         |  |
| Channel         |            |         |           | 165300                      | 167300                         | 169300                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 836.5                       | 836.5                          | 846.5                        |                        |             |  |
| 5               | QPSK       | 1       | 1         | 23.71                       | 23.76                          | 23.57                        | 25.0                   | 0.0         |  |

| n25_Ant 3       |            |         |           |                             |                                |                              |                        |             |  |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|-------------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 374000                      | 376500                         | 379000                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1870                        | 1882.5                         | 1895                         |                        |             |  |
| 40              | Pl2 BPSK   | 1       | 1         | 17.58                       | 17.68                          | 17.58                        |                        |             |  |
| 40              | Pl2 BPSK   | 1       | 108       | 17.63                       | 17.59                          | 17.44                        | 19.0                   | 0.0         |  |
| 40              | Pl2 BPSK   | 1       | 214       | 17.56                       | 17.67                          | 17.54                        |                        |             |  |
| 40              | Pl2 BPSK   | 108     | 0         | 17.55                       | 17.56                          | 17.51                        | 19.0                   | 0.0         |  |
| 40              | Pl2 BPSK   | 108     | 54        | 17.49                       | 17.54                          | 17.53                        | 19.0                   | 0.0         |  |
| 40              | Pl2 BPSK   | 108     | 108       | 17.49                       | 17.55                          | 17.49                        | 19.0                   | 0.0         |  |
| 40              | Pl2 BPSK   | 216     | 0         | 17.48                       | 17.53                          | 17.54                        | 19.0                   | 0.0         |  |
| 40              | QPSK       | 1       | 1         | 17.59                       | 17.71                          | 17.65                        |                        |             |  |
| 40              | QPSK       | 1       | 108       | 17.53                       | 17.69                          | 17.61                        | 19.0                   | 0.0         |  |
| 40              | QPSK       | 1       | 214       | 17.64                       | 17.67                          | 17.58                        |                        |             |  |
| 40              | QPSK       | 108     | 0         | 17.59                       | 17.58                          | 17.43                        | 19.0                   | 0.0         |  |
| 40              | QPSK       | 108     | 54        | 17.64                       | 17.68                          | 17.58                        | 19.0                   | 0.0         |  |
| 40              | QPSK       | 108     | 108       | 17.62                       | 17.56                          | 17.52                        | 19.0                   | 0.0         |  |
| 40              | QPSK       | 216     | 0         | 17.52                       | 17.65                          | 17.49                        | 19.0                   | 0.0         |  |
| 40              | 16QAM      | 1       | 1         | 17.59                       | 17.67                          | 17.50                        | 19.0                   | 0.0         |  |
| 40              | 64QAM      | 1       | 1         | 17.51                       | 17.54                          | 17.48                        | 19.0                   | 0.0         |  |
| 40              | 256QAM     | 1       | 1         | 17.49                       | 17.60                          | 17.49                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 372000                      | 374500                         | 376500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1867.5                      | 1882.5                         | 1897.5                       |                        |             |  |
| 35              | QPSK       | 1       | 1         | 17.57                       | 17.59                          | 17.53                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 373000                      | 376500                         | 380000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1865                        | 1882.5                         | 1900                         |                        |             |  |
| 30              | QPSK       | 1       | 1         | 17.62                       | 17.62                          | 17.51                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 372500                      | 376500                         | 380500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1862.5                      | 1882.5                         | 1902.5                       |                        |             |  |
| 25              | QPSK       | 1       | 1         | 17.63                       | 17.54                          | 17.57                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 372000                      | 376500                         | 381000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1860                        | 1882.5                         | 1905                         |                        |             |  |
| 20              | QPSK       | 1       | 1         | 17.53                       | 17.67                          | 17.46                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 371500                      | 376500                         | 381500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1857.5                      | 1882.5                         | 1907.5                       |                        |             |  |
| 15              | QPSK       | 1       | 1         | 17.53                       | 17.55                          | 17.52                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 371000                      | 376500                         | 382000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1855                        | 1882.5                         | 1910                         |                        |             |  |
| 10              | QPSK       | 1       | 1         | 17.51                       | 17.60                          | 17.55                        | 19.0                   | 0.0         |  |
| Channel         |            |         |           | 370500                      | 376500                         | 382500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1852.5                      | 1882.5                         | 1912.5                       |                        |             |  |
| 5               | QPSK       | 1       | 1         | 17.59                       | 17.61                          | 17.49                        | 19.0                   | 0.0         |  |

| n66_Ant 3       |            |         |           |                             |                                |                              |                        |             |  |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|------------------------|-------------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power<br>Low<br>Ch. / Freq. | Power<br>Middle<br>Ch. / Freq. | Power<br>High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Channel         |            |         |           | 346000                      | 349000                         | 351500                       |                        |             |  |
| Frequency (MHz) |            |         |           | 1722.5                      | 1745                           | 1757.5                       |                        |             |  |
| 45              | Pl2 BPSK   | 1       | 1         | 20.13                       | 20.40                          | 20.20                        |                        |             |  |
| 45              | Pl2 BPSK   | 1       | 122       | 20.06                       | 20.30                          | 20.17                        | 20.5                   | 0.0         |  |
| 45              | Pl2 BPSK   | 1       | 243       | 20.12                       | 20.32                          | 20.25                        |                        |             |  |
| 45              | Pl2 BPSK   | 120     | 0         | 20.07                       | 20.34                          | 20.28                        | 20.5                   | 0.0         |  |
| 45              | Pl2 BPSK   | 120     | 60        | 20.13                       | 20.28                          | 20.17                        | 20.5                   | 0.0         |  |
| 45              | Pl2 BPSK   | 120     | 122       | 20.16                       | 20.37                          | 20.25                        | 20.5                   | 0.0         |  |
| 45              | Pl2 BPSK   | 243     | 0         | 20.05                       | 20.34                          | 20.20                        | 20.5                   | 0.0         |  |
| 45              | QPSK       | 1       | 1         | 20.30                       | 20.45                          | 20.32                        |                        |             |  |
| 45              | QPSK       | 1       | 122       | 20.20                       | 20.35                          | 20.26                        | 20.5                   | 0.0         |  |
| 45              | QPSK       | 1       | 243       | 20.27                       | 20.44                          | 20.28                        |                        |             |  |
| 45              | QPSK       | 120     | 0         | 20.06                       | 20.32                          | 20.18                        | 20.5                   | 0.0         |  |
| 45              | QPSK       | 120     | 60        | 20.20                       | 20.42                          | 20.31                        | 20.5                   | 0.0         |  |
| 45              | QPSK       | 120     | 122       | 20.15                       | 20.28                          | 20.16                        | 20.5                   | 0.0         |  |
| 45              | QPSK       | 243     | 0         | 20.08                       | 20.30                          | 20.27                        | 20.5                   | 0.0         |  |
| 45              | 16QAM      | 1       | 1         | 20.06                       | 20.34                          | 20.30                        | 20.5                   | 0.0         |  |
| 45              | 64QAM      | 1       | 1         | 20.07                       | 20.31                          | 20.18                        | 20.5                   | 0.0         |  |
| 45              | 256QAM     | 1       | 1         | 20.00                       | 20.31                          | 20.26                        | 20.5                   | 0.0         |  |
| Channel         |            |         |           | 345000                      | 349000                         | 352000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1730                        | 1745                           | 1760                         |                        |             |  |
| 40              | QPSK       | 1       | 1         | 20.08                       | 20.30                          | 20.17                        | 20.5                   | 0.0         |  |
| Channel         |            |         |           | 345000                      | 349000                         | 352500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1727.5                      | 1745                           | 1762.5                       |                        |             |  |
| 35              | QPSK       | 1       | 1         | 20.08                       | 20.38                          | 20.18                        | 20.5                   | 0.0         |  |
| Channel         |            |         |           | 345000                      | 349000                         | 353000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1725                        | 1745                           | 1765                         |                        |             |  |
| 30              | QPSK       | 1       | 1         | 20.08                       | 20.40                          | 20.19                        | 20.5                   | 0.0         |  |
| Channel         |            |         |           | 344500                      | 349000                         | 353500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1722.5                      | 1745                           | 1767.5                       |                        |             |  |
| 25              | QPSK       | 1       | 1         | 20.15                       | 20.36                          | 20.29                        | 20.5                   | 0.0         |  |
| Channel         |            |         |           | 344000                      | 349000                         | 354000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1720                        | 1745                           | 1770                         |                        |             |  |
| 20              | QPSK       | 1       | 1         | 20.15                       | 20.34                          | 20.23                        | 20.5                   | 0.0         |  |
| Channel         |            |         |           | 343500                      | 349000                         | 354500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1717.5                      | 1745                           | 1772.5                       |                        |             |  |
| 15              | QPSK       | 1       | 1         | 20.17                       | 20.33                          | 20.26                        | 20.5                   | 0.0         |  |
| Channel         |            |         |           | 343000                      | 349000                         | 355000                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1715                        | 1745                           | 1775                         |                        |             |  |
| 10              | QPSK       | 1       | 1         | 20.15                       | 20.36                          | 20.27                        | 20.5                   | 0.0         |  |
| Channel         |            |         |           | 342500                      | 349000                         | 355500                       | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |
| Frequency (MHz) |            |         |           | 1712.5                      | 1745                           | 1777.5                       |                        |             |  |
| 5               | QPSK       | 1       | 1         | 20.18                       | 20.35                          | 20.28                        | 20.5                   | 0.0         |  |

| n66_Ant 2(ENDC) |            |         |           |                          |                             |                           |                        |             |  |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|-------------|--|
| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dbm) | MPR<br>(db) |  |
| Channel         |            |         |           | 346500                   | 349000                      | 351500                    |                        |             |  |
| Frequency (MHz) |            |         |           | 1742.5                   | 1745                        | 1747.5                    |                        |             |  |
| 45              | Pl2 BPSK   | 1       | 1         | 22.33                    | 22.45                       | 22.38                     |                        |             |  |
| 45              | Pl2 BPSK   | 1       | 122       | 22.25                    | 22.39                       | 22.38                     | 24.0                   | 0.0         |  |
| 45              | Pl2 BPSK   | 1       | 243       | 22.22                    | 22.32                       | 22.21                     |                        |             |  |
| 45              | Pl2 BPSK   | 120     | 0         | 21.92                    | 22.00                       | 21.99                     | 23.5                   | 0.5         |  |
| 45              | Pl2 BPSK   | 120     | 60        | 22.22                    | 22.37                       | 22.37                     | 24.0                   | 0.0         |  |
| 45              | Pl2 BPSK   | 120     | 122       | 21.79                    | 21.92                       | 21.82                     | 23.5                   | 0.5         |  |
| 45              | Pl2 BPSK   | 243     | 0         | 21.81                    | 21.96                       | 21.83                     |                        |             |  |
| 45              | QPSK       | 1       | 1         | 22.46                    | 22.49                       | 22.37                     |                        |             |  |
| 45              | QPSK       | 1       | 122       | 22.52                    | 22.39                       | 22.31                     | 24.0                   | 0.0         |  |
| 45              | QPSK       | 1       | 243       | 22.25                    | 22.34                       | 22.21                     |                        |             |  |
| 45              | QPSK       | 120     | 0         | 21.50                    | 21.51                       | 21.46                     | 23.0                   | 1.0         |  |
| 45              | QPSK       | 120     | 60        | 22.44                    | 22.48                       | 22.36                     | 24.0                   | 0.0         |  |
| 45              | QPSK       | 120     | 122       | 21.42                    | 21.45                       | 21.45                     | 23.0                   | 1.0         |  |
| 45              | QPSK       | 243     | 0         | 21.42                    | 21.46                       | 21.40                     | 23.0                   | 1.0         |  |
| 45              | 16QAM      | 1       | 1         | 21.09                    | 21.16                       | 21.12                     | 23.0                   | 1.0         |  |
| 45              | 64QAM      | 1       | 1         | 19.67                    | 19.75                       | 19.73                     | 21.5                   | 2.5         |  |
| 45              | 256QAM     | 1       | 1         | 18.32                    | 18.38                       | 18.34                     | 19.5                   | 4.5         |  |
| Channel         |            |         |           | 345000                   | 349000                      | 352000                    | Tune-up limit<br>(dbm) | MPR<br>(db) |  |
| Frequency (MHz) |            |         |           | 1730                     | 1745                        | 1760                      |                        |             |  |
| 40              | QPSK       | 1       | 1         | 22.38                    | 22.41                       | 22.33                     | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 345000                   | 349000                      | 352500                    | Tune-up limit<br>(dbm) | MPR<br>(db) |  |
| Frequency (MHz) |            |         |           | 1727.5                   | 1745                        | 1762.5                    |                        |             |  |
| 35              | QPSK       | 1       | 1         | 22.35                    | 22.37                       | 22.25                     | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 345000                   | 349000                      | 353000                    | Tune-up limit<br>(dbm) | MPR<br>(db) |  |
| Frequency (MHz) |            |         |           | 1725                     | 1745                        | 1765                      |                        |             |  |
| 30              | QPSK       | 1       | 1         | 22.38                    | 22.41                       | 22.37                     | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 344500                   | 349000                      | 353500                    | Tune-up limit<br>(dbm) | MPR<br>(db) |  |
| Frequency (MHz) |            |         |           | 1722.5                   | 1745                        | 1767.5                    |                        |             |  |
| 25              | QPSK       | 1       | 1         | 22.31                    | 22.34                       | 22.31                     | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 344000                   | 349000                      | 354000                    | Tune-up limit<br>(dbm) | MPR<br>(db) |  |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      |                        |             |  |
| 20              | QPSK       | 1       | 1         | 22.35                    | 22.39                       | 22.30                     | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 343500                   | 349000                      | 354500                    | Tune-up limit<br>(dbm) | MPR<br>(db) |  |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    |                        |             |  |
| 15              | QPSK       | 1       | 1         | 22.36                    | 22.37                       | 22.27                     | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 343000                   | 349000                      | 355000                    | Tune-up limit<br>(dbm) | MPR<br>(db) |  |
| Frequency (MHz) |            |         |           | 1715                     | 1745                        | 1775                      |                        |             |  |
| 10              | QPSK       | 1       | 1         | 22.41                    | 22.40                       | 22.27                     | 24.0                   | 0.0         |  |
| Channel         |            |         |           | 342500                   | 349000                      | 355500                    | Tune-up limit<br>(dbm) | MPR<br>(db) |  |
| Frequency (MHz) |            |         |           | 1712.5                   | 1745                        | 1777.5                    |                        |             |  |
| 5               | QPSK       | 1       | 1         | 22.46                    | 22.33                       | 22.35                     | 24.0                   | 0.0         |  |

| FCC_n41_Ant 3   |            |         |           |                       |                          |                        |                     |          |  |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| 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         |            |         |           | 506202                | 518598                   | 528000                 | 18.5                | 0.0      |  |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |          |  |
| 100             | PI/2 BPSK  | 1       | 1         | 17.16                 | 17.26                    | 17.00                  | 18.5                | 0.0      |  |
| 100             | PI/2 BPSK  | 1       | 137       | 17.16                 | 17.33                    | 17.04                  |                     |          |  |
| 100             | PI/2 BPSK  | 1       | 271       | 17.14                 | 17.26                    | 17.08                  | 18.5                | 0.0      |  |
| 100             | PI/2 BPSK  | 135     | 0         | 17.19                 | 17.35                    | 17.26                  |                     |          |  |
| 100             | PI/2 BPSK  | 135     | 69        | 17.17                 | 17.33                    | 17.00                  | 18.5                | 0.0      |  |
| 100             | PI/2 BPSK  | 135     | 138       | 17.13                 | 17.38                    | 17.11                  |                     |          |  |
| 100             | PI/2 BPSK  | 270     | 0         | 17.23                 | 17.32                    | 17.13                  | 18.5                | 0.0      |  |
| 100             | QPSK       | 1       | 1         | 17.31                 | 17.43                    | 17.28                  |                     |          |  |
| 100             | QPSK       | 1       | 137       | 17.16                 | 17.42                    | 17.15                  | 18.5                | 0.0      |  |
| 100             | QPSK       | 1       | 271       | 17.22                 | 17.42                    | 17.19                  |                     |          |  |
| 100             | QPSK       | 135     | 0         | 17.16                 | 17.34                    | 17.05                  | 18.5                | 0.0      |  |
| 100             | QPSK       | 135     | 69        | 17.26                 | 17.41                    | 17.15                  |                     |          |  |
| 100             | QPSK       | 135     | 138       | 17.18                 | 17.38                    | 17.03                  | 18.5                | 0.0      |  |
| 100             | QPSK       | 270     | 0         | 17.20                 | 17.26                    | 17.01                  |                     |          |  |
| 100             | 16QAM      | 1       | 1         | 17.20                 | 17.35                    | 17.08                  | 18.5                | 0.0      |  |
| 100             | 64QAM      | 1       | 1         | 17.16                 | 17.26                    | 17.11                  |                     |          |  |
| 100             | 256QAM     | 1       | 1         | 17.16                 | 17.40                    | 17.08                  | 18.5                | 0.0      |  |
| Channel         |            |         |           | 506200                | 518598                   | 528096                 |                     | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |          |  |
| 90              | QPSK       | 1       | 1         | 17.25                 | 17.29                    | 17.08                  | 18.5                | 0.0      |  |
| Channel         |            |         |           | 507204                | 518598                   | 529968                 |                     | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2646.99                |                     |          |  |
| 80              | QPSK       | 1       | 1         | 17.25                 | 17.35                    | 17.06                  | 18.5                | 0.0      |  |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 |                     | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |          |  |
| 70              | QPSK       | 1       | 1         | 17.23                 | 17.38                    | 17.07                  | 18.5                | 0.0      |  |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 |                     | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2520                  | 2592.99                  | 2659.98                |                     |          |  |
| 60              | QPSK       | 1       | 1         | 17.13                 | 17.34                    | 17.02                  | 18.5                | 0.0      |  |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 |                     | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |          |  |
| 50              | QPSK       | 1       | 1         | 17.13                 | 17.40                    | 17.06                  | 18.5                | 0.0      |  |
| Channel         |            |         |           | 503700                | 518598                   | 533496                 |                     | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2518.5                | 2592.99                  | 2667.48                |                     |          |  |
| 45              | QPSK       | 1       | 1         | 17.14                 | 17.35                    | 17.05                  | 18.5                | 0.0      |  |
| Channel         |            |         |           | 502202                | 518598                   | 534000                 |                     | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |          |  |
| 40              | QPSK       | 1       | 1         | 17.19                 | 17.26                    | 17.12                  | 18.5                | 0.0      |  |
| Channel         |            |         |           | 502704                | 518598                   | 534498                 |                     | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2513.52               | 2592.99                  | 2672.49                |                     |          |  |
| 35              | QPSK       | 1       | 1         | 17.16                 | 17.33                    | 17.08                  | 18.5                | 0.0      |  |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 |                     | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |          |  |
| 30              | QPSK       | 1       | 1         | 17.15                 | 17.28                    | 17.13                  | 18.5                | 0.0      |  |
| Channel         |            |         |           | 501702                | 518598                   | 535500                 |                     | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2508.51               | 2592.99                  | 2677.5                 |                     |          |  |
| 25              | QPSK       | 1       | 1         | 17.15                 | 17.30                    | 17.03                  | 18.5                | 0.0      |  |
| Channel         |            |         |           | 501204                | 518598                   | 535996                 |                     | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |          |  |
| 20              | QPSK       | 1       | 1         | 17.23                 | 17.30                    | 17.04                  | 18.5                | 0.0      |  |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 |                     | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |          |  |
| 15              | QPSK       | 1       | 1         | 17.21                 | 17.29                    | 17.09                  | 18.5                | 0.0      |  |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 |                     | MPR (dB) |  |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |          |  |
| 10              | QPSK       | 1       | 1         | 17.16                 | 17.31                    | 17.09                  | 18.5                | 0.0      |  |
| Channel         |            |         |           |                       |                          |                        |                     |          |  |

| Part96_n77_Ant 4 |            |         |           |                          |                             |                           |                        |             |  |               |      |
|------------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|-------------|--|---------------|------|
| BW [MHz]         | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) | MPR<br>(dB) |  |               |      |
| Channel          |            |         |           | 640000                   | 641666                      | 643332                    |                        |             |  |               |      |
| Frequency (MHz)  |            |         |           | 3600                     | 3624.99                     | 3649.98                   |                        |             |  |               |      |
| 100              | PI/2 BPSK  | 1       | 1         | 17.15                    | 17.23                       | 17.19                     | 18.5                   | 0.0         |  |               |      |
| 100              | PI/2 BPSK  | 1       | 137       | 17.10                    | 17.17                       | 17.17                     |                        |             |  |               |      |
| 100              | PI/2 BPSK  | 1       | 271       | 17.15                    | 17.13                       | 17.16                     | 18.5                   | 0.0         |  |               |      |
| 100              | PI/2 BPSK  | 135     | 0         | 17.19                    | 17.21                       | 17.12                     |                        |             |  |               |      |
| 100              | PI/2 BPSK  | 135     | 69        | 17.13                    | 17.24                       | 17.08                     | 18.5                   | 0.0         |  |               |      |
| 100              | PI/2 BPSK  | 135     | 138       | 17.18                    | 17.21                       | 17.18                     |                        |             |  |               |      |
| 100              | PI/2 BPSK  | 270     | 0         | 17.22                    | 17.15                       | 17.10                     | 18.5                   | 0.0         |  |               |      |
| 100              | QPSK       | 1       | 1         | 17.32                    | 17.35                       | 17.26                     |                        |             |  |               |      |
| 100              | QPSK       | 1       | 137       | 17.18                    | 17.25                       | 17.25                     | 18.5                   | 0.0         |  |               |      |
| 100              | QPSK       | 1       | 271       | 17.27                    | 17.20                       | 17.17                     |                        |             |  |               |      |
| 100              | QPSK       | 135     | 0         | 17.10                    | 17.12                       | 17.12                     | 18.5                   | 0.0         |  |               |      |
| 100              | QPSK       | 135     | 69        | 17.23                    | 17.26                       | 17.20                     |                        |             |  |               |      |
| 100              | QPSK       | 135     | 138       | 17.12                    | 17.14                       | 17.13                     | 18.5                   | 0.0         |  |               |      |
| 100              | QPSK       | 270     | 0         | 17.20                    | 17.21                       | 17.07                     |                        |             |  |               |      |
| 100              | 16QAM      | 1       | 1         | 17.16                    | 17.23                       | 17.14                     | 18.5                   | 0.0         |  |               |      |
| 100              | 64QAM      | 1       | 1         | 17.09                    | 17.19                       | 17.05                     |                        |             |  |               |      |
| 100              | 256QAM     | 1       | 1         | 17.17                    | 17.12                       | 17.17                     | 18.5                   | 0.0         |  |               |      |
| Channel          |            |         |           | 639668                   | 641666                      | 643666                    |                        |             |  | Tune-up limit | MPR  |
| Frequency (MHz)  |            |         |           | 3595.02                  | 3624.99                     | 3654.99                   |                        |             |  | (dBm)         | (dB) |
| 90               | QPSK       | 1       | 1         | 17.14                    | 17.18                       | 17.08                     | 18.5                   | 0.0         |  |               |      |
| Channel          |            |         |           | 639334                   | 641666                      | 644000                    |                        |             |  | Tune-up limit | MPR  |
| Frequency (MHz)  |            |         |           | 3590.01                  | 3624.99                     | 3660                      |                        |             |  | (dBm)         | (dB) |
| 80               | QPSK       | 1       | 1         | 17.20                    | 17.12                       | 17.05                     | 18.5                   | 0.0         |  |               |      |
| Channel          |            |         |           | 639000                   | 641666                      | 644332                    |                        |             |  | Tune-up limit | MPR  |
| Frequency (MHz)  |            |         |           | 3585                     | 3624.99                     | 3664.98                   |                        |             |  | (dBm)         | (dB) |
| 70               | QPSK       | 1       | 1         | 17.08                    | 17.14                       | 17.17                     | 18.5                   | 0.0         |  |               |      |
| Channel          |            |         |           | 638668                   | 641666                      | 644666                    |                        |             |  | Tune-up limit | MPR  |
| Frequency (MHz)  |            |         |           | 3580.02                  | 3624.99                     | 3669.99                   |                        |             |  | (dBm)         | (dB) |
| 60               | QPSK       | 1       | 1         | 17.12                    | 17.18                       | 17.05                     | 18.5                   | 0.0         |  |               |      |
| Channel          |            |         |           | 638334                   | 641666                      | 645000                    |                        |             |  | Tune-up limit | MPR  |
| Frequency (MHz)  |            |         |           | 3575.01                  | 3624.99                     | 3675                      |                        |             |  | (dBm)         | (dB) |
| 50               | QPSK       | 1       | 1         | 17.17                    | 17.23                       | 17.05                     | 18.5                   | 0.0         |  |               |      |
| Channel          |            |         |           | 638168                   | 641666                      | 645166                    |                        |             |  | Tune-up limit | MPR  |
| Frequency (MHz)  |            |         |           | 3572.52                  | 3624.99                     | 3677.49                   |                        |             |  | (dBm)         | (dB) |
| 45               | QPSK       | 1       | 1         | 17.22                    | 17.12                       | 17.05                     | 18.5                   | 0.0         |  |               |      |
| Channel          |            |         |           | 638000                   | 641666                      | 645332                    |                        |             |  | Tune-up limit | MPR  |
| Frequency (MHz)  |            |         |           | 3570                     | 3624.99                     | 3679.98                   |                        |             |  | (dBm)         | (dB) |
| 40               | QPSK       | 1       | 1         | 17.17                    | 17.12                       | 17.16                     | 18.5                   | 0.0         |  |               |      |
| Channel          |            |         |           | 637834                   | 641666                      | 645500                    |                        |             |  | Tune-up limit | MPR  |
| Frequency (MHz)  |            |         |           | 3567.51                  | 3624.99                     | 3682.5                    |                        |             |  | (dBm)         | (dB) |
| 35               | QPSK       | 1       | 1         | 17.20                    | 17.11                       | 17.15                     | 18.5                   | 0.0         |  |               |      |
| Channel          |            |         |           | 637668                   | 641666                      | 645666                    |                        |             |  | Tune-up limit | MPR  |
| Frequency (MHz)  |            |         |           | 3565.02                  | 3624.99                     | 3684.99                   |                        |             |  | (dBm)         | (dB) |
| 30               | QPSK       | 1       | 1         | 17.11                    | 17.25                       | 17.08                     | 18.5                   | 0.0         |  |               |      |
| Channel          |            |         |           | 637500                   | 641666                      | 645832                    |                        |             |  | Tune-up limit | MPR  |
| Frequency (MHz)  |            |         |           | 3562.5                   | 3624.99                     | 3687.48                   | (dBm)                  | (dB)        |  |               |      |
| 25               | QPSK       | 1       | 1         | 17.20                    | 17.23                       | 17.13                     | 18.5                   | 0.0         |  |               |      |
| Channel          |            |         |           | 637334                   | 641666                      | 646000                    |                        |             |  | Tune-up limit | MPR  |
| Frequency (MHz)  |            |         |           | 3560.01                  | 3624.99                     | 3689.98                   | (dBm)                  | (dB)        |  |               |      |
| 20               | QPSK       | 1       | 1         | 17.19                    | 17.13                       | 17.07                     | 18.5                   | 0.0         |  |               |      |
| Channel          |            |         |           | 637168                   | 641666                      | 646166                    |                        |             |  | Tune-up limit | MPR  |
| Frequency (MHz)  |            |         |           | 3557.52                  | 3624.99                     | 3692.49                   | (dBm)                  | (dB)        |  |               |      |
| 15               | QPSK       | 1       | 1         | 17.14                    | 17.13                       | 17.16                     | 18.5                   | 0.0         |  |               |      |
| Channel          |            |         |           | 637000                   | 641666                      | 646332                    |                        |             |  | Tune-up limit | MPR  |
| Frequency (MHz)  |            |         |           | 3555                     | 3624.99                     | 3694.98                   | (dBm)                  | (dB)        |  |               |      |
| 10               | QPSK       | 1       | 1         | 17.19                    | 17.15                       | 17.06                     | 18.5                   | 0.0         |  |               |      |

| Part27Q_n77_Ant 4 |            |         |           |                       |                          |                        |                     |          |  |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz]          | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |  |
| Channel           |            |         |           | 633332                | 3499.98                  |                        |                     |          |  |
| Frequency (MHz)   |            |         |           | 17.35                 |                          |                        |                     |          |  |
| 100               | PI/2 BPSK  | 1       | 1         | 17.35                 |                          |                        |                     |          |  |
| 100               | PI/2 BPSK  | 1       | 137       | 17.24                 |                          |                        | 18.5                | 0.0      |  |
| 100               | PI/2 BPSK  | 1       | 271       | 17.37                 |                          |                        |                     |          |  |
| 100               | PI/2 BPSK  | 135     | 0         | 17.25                 |                          |                        | 18.5                | 0.0      |  |
| 100               | PI/2 BPSK  | 135     | 69        | 17.33                 |                          |                        | 18.5                | 0.0      |  |
| 100               | PI/2 BPSK  | 135     | 138       | 17.25                 |                          |                        | 18.5                | 0.0      |  |
| 100               | PI/2 BPSK  | 270     | 0         | 17.30                 |                          |                        |                     |          |  |
| 100               | QPSK       | 1       | 1         | 17.42                 |                          |                        |                     |          |  |
| 100               | QPSK       | 1       | 137       | 17.31                 |                          |                        | 18.5                | 0.0      |  |
| 100               | QPSK       | 1       | 271       | 17.37                 |                          |                        |                     |          |  |
| 100               | QPSK       | 135     | 0         | 17.35                 |                          |                        |                     |          |  |
| 100               | QPSK       | 135     | 69        | 17.38                 |                          |                        | 18.5                | 0.0      |  |
| 100               | QPSK       | 135     | 138       | 17.29                 |                          |                        |                     |          |  |
| 100               | QPSK       | 270     | 0         | 17.35                 |                          |                        | 18.5                | 0.0      |  |
| 100               | 16QAM      | 1       | 1         | 17.25                 |                          |                        | 18.5                | 0.0      |  |
| 100               | 64QAM      | 1       | 1         | 17.34                 |                          |                        | 18.5                | 0.0      |  |
| 100               | 256QAM     | 1       | 1         | 17.25                 |                          |                        | 18.5                | 0.0      |  |
| Channel           |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |          |  |
| 90                | QPSK       | 1       | 1         | 17.37                 | 17.22                    | 17.17                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |          |  |
| 80                | QPSK       | 1       | 1         | 17.29                 | 17.32                    | 17.19                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |          |  |
| 70                | QPSK       | 1       | 1         | 17.28                 | 17.26                    | 17.19                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3480                  | 3499.98                  | 3516.99                |                     |          |  |
| 60                | QPSK       | 1       | 1         | 17.35                 | 17.31                    | 17.16                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |          |  |
| 50                | QPSK       | 1       | 1         | 17.24                 | 17.26                    | 17.23                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 631500                | 633332                   | 635166                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3472.5                | 3499.98                  | 3527.49                |                     |          |  |
| 45                | QPSK       | 1       | 1         | 17.33                 | 17.19                    | 17.19                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |          |  |
| 40                | QPSK       | 1       | 1         | 17.23                 | 17.18                    | 17.10                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 631168                | 633332                   | 635500                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3467.52               | 3499.98                  | 3532.5                 |                     |          |  |
| 35                | QPSK       | 1       | 1         | 17.28                 | 17.16                    | 17.18                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |          |  |
| 30                | QPSK       | 1       | 1         | 17.34                 | 17.18                    | 17.21                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |          |  |
| 25                | QPSK       | 1       | 1         | 17.34                 | 17.16                    | 17.22                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |          |  |
| 20                | QPSK       | 1       | 1         | 17.23                 | 17.18                    | 17.15                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |          |  |
| 15                | QPSK       | 1       | 1         | 17.24                 | 17.30                    | 17.16                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |          |  |
| 10                | QPSK       | 1       | 1         | 17.31                 | 17.18                    | 17.17                  | 18.5                | 0.0      |  |

| Part27O_n77_Ant 4 |            |         |           |                       |                          |                        |                     |          |  |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz]          | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |  |
| Channel           |            |         |           | 650000                | 656000                   | 662000                 |                     |          |  |
| Frequency (MHz)   |            |         |           | 3750                  | 3840                     | 3930                   |                     |          |  |
| 100               | PI/2 BPSK  | 1       | 1         | 17.18                 | 17.38                    | 17.21                  |                     |          |  |
| 100               | PI/2 BPSK  | 1       | 137       | 17.18                 | 17.35                    | 17.21                  | 18.5                | 0.0      |  |
| 100               | PI/2 BPSK  | 1       | 271       | 17.22                 | 17.38                    | 17.15                  |                     |          |  |
| 100               | PI/2 BPSK  | 135     | 0         | 17.23                 | 17.39                    | 17.13                  | 18.5                | 0.0      |  |
| 100               | PI/2 BPSK  | 135     | 69        | 17.22                 | 17.34                    | 17.22                  | 18.5                | 0.0      |  |
| 100               | PI/2 BPSK  | 135     | 138       | 17.27                 | 17.30                    | 17.26                  | 18.5                | 0.0      |  |
| 100               | PI/2 BPSK  | 270     | 0         | 17.21                 | 17.32                    | 17.17                  |                     |          |  |
| 100               | QPSK       | 1       | 1         | 17.42                 | 17.48                    | 17.40                  |                     |          |  |
| 100               | QPSK       | 1       | 137       | 17.40                 | 17.38                    | 17.31                  | 18.5                | 0.0      |  |
| 100               | QPSK       | 1       | 271       | 17.35                 | 17.43                    | 17.32                  |                     |          |  |
| 100               | QPSK       | 135     | 0         | 17.25                 | 17.34                    | 17.25                  |                     |          |  |
| 100               | QPSK       | 135     | 69        | 17.32                 | 17.40                    | 17.25                  | 18.5                | 0.0      |  |
| 100               | QPSK       | 135     | 138       | 17.24                 | 17.35                    | 17.19                  |                     |          |  |
| 100               | QPSK       | 270     | 0         | 17.19                 | 17.30                    | 17.20                  | 18.5                | 0.0      |  |
| 100               | 16QAM      | 1       | 1         | 17.25                 | 17.37                    | 17.27                  | 18.5                | 0.0      |  |
| 100               | 64QAM      | 1       | 1         | 17.20                 | 17.30                    | 17.23                  | 18.5                | 0.0      |  |
| 100               | 256QAM     | 1       | 1         | 17.20                 | 17.27                    | 17.21                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |          |  |
| 90                | QPSK       | 1       | 1         | 17.27                 | 17.31                    | 17.27                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |          |  |
| 80                | QPSK       | 1       | 1         | 17.17                 | 17.32                    | 17.18                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3735                  | 3840                     | 3945                   |                     |          |  |
| 70                | QPSK       | 1       | 1         | 17.19                 | 17.38                    | 17.23                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |          |  |
| 60                | QPSK       | 1       | 1         | 17.25                 | 17.30                    | 17.21                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |          |  |
| 50                | QPSK       | 1       | 1         | 17.18                 | 17.36                    | 17.17                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 648168                | 656000                   | 663832                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3722.52               | 3840                     | 3957.48                |                     |          |  |
| 45                | QPSK       | 1       | 1         | 17.29                 | 17.26                    | 17.17                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3720                  | 3840                     | 3960                   |                     |          |  |
| 40                | QPSK       | 1       | 1         | 17.28                 | 17.28                    | 17.26                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 647834                | 656000                   | 664166                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3717.51               | 3840                     | 3962.49                |                     |          |  |
| 35                | QPSK       | 1       | 1         | 17.18                 | 17.31                    | 17.25                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3715.02               | 3840                     | 3964.98                |                     |          |  |
| 30                | QPSK       | 1       | 1         | 17.28                 | 17.32                    | 17.23                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3712.5                | 3840                     | 3967.5                 |                     |          |  |
| 25                | QPSK       | 1       | 1         | 17.19                 | 17.27                    | 17.19                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 647334                | 656000                   | 664668                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |          |  |
| 20                | QPSK       | 1       | 1         | 17.27                 | 17.38                    | 17.16                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |          |  |
| 15                | QPSK       | 1       | 1         | 17.27                 | 17.33                    | 17.14                  | 18.5                | 0.0      |  |
| Channel           |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) | MPR (dB) |  |
| Frequency (MHz)   |            |         |           | 3705                  | 3840                     | 3975                   |                     |          |  |
| 10                | QPSK       | 1       | 1         | 17.28                 | 17.36                    | 17.23                  | 18.5                | 0.0      |  |

| WLAN 2.4GHz FCC   |                     |                 |                     |               |                     |                    |                     |               |                     |                      |                     |                      |              |
|-------------------|---------------------|-----------------|---------------------|---------------|---------------------|--------------------|---------------------|---------------|---------------------|----------------------|---------------------|----------------------|--------------|
| WLAN 2.4GHz_Ant 5 |                     |                 |                     | Default Power |                     | Receiver on (Head) |                     | Hotspot       |                     | Sensor on(Extremity) |                     | Sensor on(Body Worn) |              |
| Mode              | Channel             | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit      | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit        | Average power (dBm) | Tune-Up Limit        | Duty Cycle % |
| 2.4GHz WLAN       | 802.11b 1Mbps       | 1               | 2412                | 20.40         | 21.00               | 11.85              | 12.50               | 15.45         | 17.00               | 20.40                | 21.00               | 20.40                | 21.00        |
|                   |                     | 6               | 2437                | 19.50         | 21.00               | 10.99              | 12.50               | 15.52         | 17.00               | 19.50                | 21.00               | 19.50                | 21.00        |
|                   |                     | 11              | 2462                | 19.20         | 20.00               | 11.50              | 12.50               | 16.04         | 17.00               | 19.00                | 20.00               | 19.00                | 20.00        |
|                   | 802.11g 6Mbps       | 1               | 2412                | 17.50         | 18.00               |                    | 12.50               |               | 17.00               | 17.20                | 18.00               | 17.20                | 18.00        |
|                   |                     | 6               | 2437                | 17.80         | 18.00               |                    | 12.50               |               | 17.00               | 17.80                | 18.00               | 17.80                | 18.00        |
|                   |                     | 11              | 2462                | 16.10         | 16.50               |                    | 12.50               |               | 16.50               | 16.10                | 16.50               | 16.10                | 16.50        |
|                   | 802.11n-HT20 MCS0   | 1               | 2412                | 15.50         | 16.50               |                    | 12.50               |               | 15.50               | 15.50                | 16.50               | 15.50                | 16.50        |
|                   |                     | 6               | 2437                | 17.50         | 18.00               | No Required        | 12.50               |               | 17.00               | 17.90                | 18.00               | 17.90                | 18.00        |
|                   |                     | 11              | 2462                | 15.00         | 15.50               |                    | 12.50               |               | 15.50               | 15.00                | 15.50               | 15.00                | 15.50        |
|                   | 802.11n-HT40 MCS0   | 3               | 2422                | 13.80         | 14.00               |                    | 12.50               |               | 14.00               | 13.80                | 14.00               | 13.80                | 14.00        |
|                   |                     | 6               | 2437                | 15.50         | 16.00               |                    | 12.50               |               | 16.00               | 15.50                | 16.00               | 15.50                | 16.00        |
|                   |                     | 9               | 2452                | 13.30         | 13.50               |                    | 12.50               |               | 13.50               | 13.30                | 13.50               | 13.30                | 13.50        |
| WLAN 5GHz FCC     |                     |                 |                     |               |                     |                    |                     |               |                     |                      |                     |                      |              |
| WLAN 5GHz_Ant 5   |                     |                 |                     | Default Power |                     | Receiver on (Head) |                     | Hotspot       |                     | Sensor on(Extremity) |                     | Sensor on(Body Worn) |              |
| Mode              | Channel             | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit      | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit        | Average power (dBm) | Tune-Up Limit        | Duty Cycle % |
| 5.2GHz WLAN       | 802.11a 6Mbps       | 36              | 5180                | 19.89         | 20.50               |                    | 10.50               |               | 16.00               | 17.00                | 17.00               | 17.00                |              |
|                   |                     | 40              | 5200                | 20.51         | 21.00               |                    | 10.50               |               | 16.00               | 17.00                | 17.00               | 17.00                | 97.46        |
|                   |                     | 44              | 5220                | 19.87         | 20.50               |                    | 10.50               |               | 16.00               | 17.00                | 17.00               | 17.00                |              |
|                   | 802.11n-HT20 MCS0   | 48              | 5240                | 18.86         | 20.50               |                    | 10.50               | No Required   | 16.00               | No Required          | 17.00               | No Required          | 97.28        |
|                   |                     | 36              | 5180                | 18.86         | 19.00               |                    | 10.50               |               | 16.00               |                      | 17.00               |                      |              |
|                   |                     | 44              | 5220                | 18.54         | 19.00               |                    | 10.50               |               | 16.00               |                      | 17.00               |                      |              |
|                   | 802.11n-HT40 MCS0   | 48              | 5240                | 18.75         | 19.00               | No Required        | 10.50               | 15.87         | 16.00               | 16.41                | 16.50               | 16.41                | 94.08        |
|                   |                     | 36              | 5180                | 18.41         | 18.00               |                    | 10.50               | 15.89         | 16.00               | 16.41                | 16.50               | 16.41                |              |
|                   |                     | 44              | 5220                | 17.84         | 18.00               |                    | 10.50               | 15.89         | 16.00               | 16.41                | 16.50               | 16.41                |              |
|                   | 802.11ac-VHT20 MCS0 | 36              | 5180                | 18.80         | 19.00               |                    | 10.50               |               | 16.00               |                      | 17.00               |                      | 96.58        |
|                   |                     | 40              | 5200                | 18.74         | 19.00               |                    | 10.50               |               | 16.00               |                      | 17.00               |                      |              |
|                   |                     | 44              | 5220                | 18.75         | 19.00               |                    | 10.50               |               | 16.00               |                      | 17.00               |                      |              |
|                   | 802.11ac-VHT40 MCS0 | 48              | 5240                | 18.72         | 19.00               |                    | 10.50               | No Required   | 16.00               | No Required          | 17.00               | No Required          | 93.54        |
|                   |                     | 36              | 5180                | 18.33         | 18.50               |                    | 10.50               |               | 16.50               | 16.50                | 17.00               | 16.50                |              |
|                   |                     | 40              | 5200                | 17.98         | 18.00               |                    | 10.50               |               | 16.00               |                      | 17.00               |                      |              |
|                   | 802.11ac-VHT80 MCS0 | 42              | 5210                | 12.90         | 13.00               | 10.31              | 10.50               |               | 13.00               |                      | 13.00               |                      | 90.36        |
| WLAN 5GHz Ant 5   |                     |                 |                     |               |                     |                    |                     |               |                     |                      |                     |                      |              |
| Mode              | Channel             | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit      | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit        | Average power (dBm) | Tune-Up Limit        | Duty Cycle % |
| 5.3GHz WLAN       | 802.11a 6Mbps       | 52              | 5260                | 19.84         | 20.50               |                    | 10.50               |               | 17.00               |                      | 17.00               |                      | 97.46        |
|                   |                     | 56              | 5280                | 20.30         | 21.00               |                    | 10.50               |               | 17.00               |                      | 17.00               |                      |              |
|                   |                     | 60              | 5300                | 19.86         | 20.50               |                    | 10.50               |               | 17.00               |                      | 17.00               |                      |              |
|                   | 802.11n-HT20 MCS0   | 64              | 5320                | 20.17         | 21.00               |                    | 10.50               | No Required   | 17.00               | No Required          | 17.00               | No Required          | 97.28        |
|                   |                     | 52              | 5260                | 18.82         | 19.00               |                    | 10.50               |               | 17.00               |                      | 17.00               |                      |              |
|                   |                     | 56              | 5280                | 18.73         | 19.00               |                    | 10.50               |               | 17.00               |                      | 17.00               |                      |              |
|                   | 802.11n-HT40 MCS0   | 60              | 5300                | 18.67         | 19.00               | No Required        | 10.50               | 15.50         | 17.00               | 15.50                | 17.00               | 15.50                | 94.08        |
|                   |                     | 64              | 5320                | 18.54         | 18.50               |                    | 10.50               |               | 17.00               |                      | 17.00               |                      |              |
|                   |                     | 54              | 5270                | 17.50         | 18.00               |                    | 10.50               | 16.85         | 17.00               | 16.85                | 17.00               | 16.85                | 96.58        |
|                   | 802.11ac-VHT20 MCS0 | 62              | 5310                | 17.62         | 18.00               |                    | 10.50               | 16.85         | 17.00               | 16.85                | 17.00               | 16.85                | 93.54        |
|                   |                     | 52              | 5260                | 18.71         | 19.00               |                    | 10.50               |               | 17.00               |                      | 17.00               |                      |              |
|                   |                     | 56              | 5280                | 18.73         | 19.00               |                    | 10.50               |               | 17.00               |                      | 17.00               |                      |              |
|                   | 802.11ac-VHT40 MCS0 | 60              | 5300                | 18.64         | 19.00               |                    | 10.50               | No Required   | 17.00               | No Required          | 17.00               | No Required          | 93.54        |
|                   |                     | 64              | 5320                | 18.43         | 19.00               |                    | 10.50               |               | 17.00               |                      | 17.00               |                      |              |
|                   |                     | 54              | 5270                | 17.83         | 18.00               |                    | 10.50               |               | 17.00               |                      | 17.00               |                      |              |
|                   | 802.11ac-VHT80 MCS0 | 62              | 5310                | 17.74         | 18.00               |                    | 10.50               |               | 17.00               |                      | 17.00               |                      | 90.36        |
|                   | 58                  | 5290            | 15.84               | 16.00         | 10.44               | 10.50              |                     | 16.00         |                     | 16.00                |                     |                      |              |
| WLAN 5GHz Ant 6   |                     |                 |                     |               |                     |                    |                     |               |                     |                      |                     |                      |              |
| Mode              | Channel             | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit      | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit        | Average power (dBm) | Tune-Up Limit        | Duty Cycle % |
| 5.5GHz WLAN       | 802.11a 6Mbps       | 100             | 5500                | 20.49         | 21.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      | 97.46        |
|                   |                     | 116             | 5580                | 20.22         | 21.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   |                     | 124             | 5620                | 20.10         | 21.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   | 802.11n-HT20 MCS0   | 132             | 5660                | 20.41         | 21.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      | 97.28        |
|                   |                     | 140             | 5700                | 20.46         | 21.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   |                     | 144             | 5720                | 20.34         | 21.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   | 802.11n-HT40 MCS0   | 100             | 5500                | 18.85         | 19.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      | 94.08        |
|                   |                     | 116             | 5580                | 18.59         | 19.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   |                     | 124             | 5620                | 18.56         | 19.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   | 802.11ac-VHT20 MCS0 | 132             | 5660                | 18.73         | 19.00               | No Required        | 9.00                | No Required   | 16.00               | No Required          | 16.00               | No Required          | 96.58        |
|                   |                     | 140             | 5700                | 18.86         | 19.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   |                     | 144             | 5720                | 18.86         | 19.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   | 802.11ac-VHT40 MCS0 | 100             | 5500                | 18.81         | 19.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      | 93.54        |
|                   |                     | 116             | 5580                | 18.48         | 19.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   |                     | 124             | 5620                | 18.43         | 19.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   | 802.11ac-VHT80 MCS0 | 132             | 5660                | 18.59         | 19.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      | 90.36        |
|                   |                     | 140             | 5700                | 18.76         | 19.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   |                     | 144             | 5720                | 18.56         | 19.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   | 802.11ac-VHT80 MCS0 | 100             | 5500                | 17.80         | 18.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      | 90.36        |
|                   |                     | 116             | 5580                | 17.79         | 18.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   |                     | 124             | 5620                | 17.79         | 18.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   | 802.11ac-VHT80 MCS0 | 132             | 5660                | 18.73         | 19.00               | 8.82               | 9.00                | 15.63         | 16.00               | 15.63                | 16.00               | 15.63                | 90.36        |
|                   |                     | 140             | 5700                | 18.72         | 19.00               |                    | 9.00                |               | 16.00               |                      | 16.00               |                      |              |
|                   |                     | 144             | 5720                | 18.56         | 19.00               | 8.57               | 9.00                | 15.46         | 16.00               | 15.46                | 16.00               | 15.46                |              |
|                   |                     | 138             | 5690                | 16.59         | 17.00               | 8.69               | 9.00                | 15.60         | 16.00               | 15.60                | 16.00               | 15.60                |              |
| WLAN 802H Ant 5   |                     |                 |                     |               |                     |                    |                     |               |                     |                      |                     |                      |              |
| Mode              | Channel             | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit      | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit        | Average power (dBm) | Tune-Up Limit        | Duty Cycle % |
| 8.8GHz WLAN       | 802.11a 6Mbps       | 149             | 5745                | 19.99         | 21.00               |                    | 11.50               |               | 15.00               |                      | 16.50               |                      | 97.46        |
|                   |                     | 157             | 5785                | 19.51         | 21.00               |                    | 11.50               |               | 15.00               |                      | 16.50               |                      |              |
|                   |                     | 165             | 5820                | 19.45         | 21.00               |                    | 11.50               |               | 15.00               |                      | 16.50               |                      |              |
|                   | 802.11n-HT20 MCS0   | 149             | 5745                | 18.19         | 19.00               |                    | 11.50               |               | 15.00               |                      | 16.50               |                      | 97.28        |
|                   |                     | 157             | 5785                | 18.02         | 19.00               |                    | 11.50               |               | 15.00               |                      | 16.50               |                      |              |
|                   |                     | 160             | 5825                | 17.87         | 19.00               | No Required        | 11.50               | No Required   | 15.00               | No Required          | 16.50               | No Required          | 94.08        |
|                   | 802.11n-HT40 MCS0   | 151             | 5755                | 17.31         | 18.00               |                    | 11.50               |               | 15.00               |                      | 16.50               |                      | 96.58        |
|                   |                     | 159             | 5795                | 17.12         | 18.00               |                    | 11.50               |               | 15.00               |                      | 16.50               |                      |              |
|                   |                     | 149             | 5745                | 17.86         | 19.00               |                    | 11.50               |               | 15.00               |                      | 16.50               |                      |              |
|                   | 802.11ac-VHT20 MCS0 | 168             | 5850                | 17.78         | 19.00               |                    | 11.50               |               | 15.00               |                      | 16.50               |                      | 93.54        |
|                   |                     | 151             | 5755                | 17.17         | 18.00               |                    | 11.50               |               | 15.00               |                      | 16.50               |                      |              |
|                   |                     | 159             | 5795                | 17.02         | 18.00               |                    | 11.50               |               | 15.00               |                      | 16.50               |                      |              |
|                   | 802.11ac-VHT80 MCS0 | 155             | 5775                | 15.84         | 17.00               | 10.40              | 11.50               | 13.80         | 15.00               | 15.31                | 16.50               | 15.31                | 90.36        |

| Bluetooth BR / EDR |         |                 | Ant 5               |       |       |
|--------------------|---------|-----------------|---------------------|-------|-------|
| Mode               | Channel | Frequency (MHz) | Average power (dBm) |       |       |
|                    |         |                 | 1Mbps               | 2Mbps | 3Mbps |
| BR / EDR           | CH 00   | 2402            | 8.50                | 5.60  | 5.20  |
|                    | CH 39   | 2441            | 8.40                | 5.30  | 5.20  |
|                    | CH 79   | 2480            | 8.50                | 5.20  | 5.30  |
| Tune-up Limit      |         |                 | 10                  | 7     | 7     |

| BLE           |         |                 | Ant 5               |       |
|---------------|---------|-----------------|---------------------|-------|
| Mode          | Channel | Frequency (MHz) | Average power (dBm) |       |
|               |         |                 | 1Mbps               | 2Mbps |
| LE            | CH 00   | 2402            | -3.50               | -3.60 |
|               | CH 19   | 2440            | -3.10               | -3.20 |
|               | CH 39   | 2480            | -3.40               | -3.50 |
| Tune-up Limit |         |                 | -2                  | -2    |