

## 4 Test Types and Results

### 4.1 Output Power Measurement

#### 4.1.1 Limits of Output Power Measurement

Mobile / Portable station are limited to 2 watts e.i.r.p.

#### 4.1.2 Test Procedures

##### Conducted Power Measurement:

The EUT was set up for the maximum power with GPRS, EDGE, LTE link data modulation and link up with simulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

##### Maximum EIRP / ERP

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation as follows:

$$\text{EIRP} = P_{\text{Meas}} + G_T$$

$$\text{ERP} = P_{\text{Meas}} + G_T - 2.15$$

where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively  
 (expressed in the same units as  $P_{\text{Meas}}$ , e.g., dBm or dBW)

$P_{\text{Meas}}$  measured transmitter output power or PSD, in dBm or dBW

$G_T$  gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

#### 4.1.3 Test Setup

Conducted Power Measurement:



#### 4.1.4 Test Results

##### Conducted Output Power (dBm)

| Band      | GPRS, EDGE 1900 |       |        |
|-----------|-----------------|-------|--------|
| Channel   | 512             | 661   | 810    |
| Frequency | 1850.2          | 1880  | 1909.8 |
| GPRS      | 28.06           | 28.35 | 28.61  |
| EDGE      | 27.11           | 27.37 | 27.58  |

| LTE Band 2 |           |                 |           |       |       |       |
|------------|-----------|-----------------|-----------|-------|-------|-------|
| BW         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  |
|            |           | Channel         |           | 18700 | 18900 | 19100 |
|            |           | Frequency (MHz) |           | 1860  | 1880  | 1900  |
| 20M        | QPSK      | 1               | 0         | 22.10 | 22.45 | 22.81 |
|            |           | 1               | 50        | 22.14 | 22.56 | 22.94 |
|            |           | 1               | 99        | 22.05 | 22.48 | 22.79 |
|            |           | 50              | 0         | 20.98 | 21.40 | 21.65 |
|            |           | 50              | 25        | 21.03 | 21.53 | 21.87 |
|            |           | 50              | 50        | 21.07 | 21.54 | 21.91 |
|            |           | 100             | 0         | 21.00 | 21.55 | 21.95 |
| 20M        | 16QAM     | 1               | 0         | 21.67 | 21.36 | 21.87 |
|            |           | 1               | 50        | 22.04 | 21.73 | 22.34 |
|            |           | 1               | 99        | 21.94 | 21.74 | 22.29 |
|            |           | 50              | 0         | 20.65 | 20.57 | 21.03 |
|            |           | 50              | 25        | 20.58 | 20.55 | 20.96 |
|            |           | 50              | 50        | 20.44 | 20.53 | 21.01 |
|            |           | 100             | 0         | 20.43 | 20.57 | 21.10 |
| 20M        | 64QAM     | 1               | 0         | 20.55 | 20.53 | 20.88 |
|            |           | 1               | 50        | 20.62 | 20.68 | 20.94 |
|            |           | 1               | 99        | 20.55 | 20.58 | 20.80 |
|            |           | 50              | 0         | 19.52 | 19.53 | 19.85 |
|            |           | 50              | 25        | 19.60 | 19.58 | 19.92 |
|            |           | 50              | 50        | 19.58 | 19.63 | 19.91 |
|            |           | 100             | 0         | 19.47 | 19.54 | 19.84 |

| LTE Band 2 |           |                 |           |        |       |        |
|------------|-----------|-----------------|-----------|--------|-------|--------|
| BW         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   |
|            |           | Channel         |           | 18675  | 18900 | 19125  |
|            |           | Frequency (MHz) |           | 1857.5 | 1880  | 1902.5 |
| 15M        | QPSK      | 1               | 0         | 22.09  | 22.37 | 22.65  |
|            |           | 1               | 37        | 22.31  | 22.59 | 22.87  |
|            |           | 1               | 74        | 22.14  | 22.52 | 22.79  |
|            |           | 36              | 0         | 21.13  | 21.52 | 21.75  |
|            |           | 36              | 19        | 21.20  | 21.63 | 21.93  |
|            |           | 36              | 39        | 21.13  | 21.59 | 21.90  |
|            |           | 75              | 0         | 21.04  | 21.53 | 21.77  |
| 15M        | 16QAM     | 1               | 0         | 21.68  | 21.47 | 21.79  |
|            |           | 1               | 37        | 21.90  | 21.81 | 22.25  |
|            |           | 1               | 74        | 21.97  | 21.89 | 22.12  |
|            |           | 36              | 0         | 20.54  | 20.55 | 20.84  |
|            |           | 36              | 19        | 20.54  | 20.65 | 20.87  |
|            |           | 36              | 39        | 20.52  | 20.62 | 20.87  |
|            |           | 75              | 0         | 20.36  | 20.57 | 20.79  |
| 15M        | 64QAM     | 1               | 0         | 20.37  | 20.80 | 20.74  |
|            |           | 1               | 37        | 20.32  | 20.73 | 20.94  |
|            |           | 1               | 74        | 20.34  | 20.85 | 20.78  |
|            |           | 36              | 0         | 18.97  | 19.48 | 19.50  |
|            |           | 36              | 19        | 19.07  | 19.66 | 19.73  |
|            |           | 36              | 39        | 18.95  | 19.64 | 19.74  |
|            |           | 75              | 0         | 18.75  | 19.55 | 19.64  |

| LTE Band 2 |           |                 |           |       |       |       |
|------------|-----------|-----------------|-----------|-------|-------|-------|
| BW         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  |
|            |           | Channel         |           | 18650 | 18900 | 19150 |
|            |           | Frequency (MHz) |           | 1855  | 1880  | 1905  |
| 10M        | QPSK      | 1               | 0         | 22.05 | 22.32 | 22.63 |
|            |           | 1               | 24        | 22.28 | 22.54 | 23.04 |
|            |           | 1               | 49        | 22.38 | 22.65 | 22.90 |
|            |           | 25              | 0         | 21.19 | 21.51 | 21.88 |
|            |           | 25              | 12        | 21.34 | 21.68 | 22.08 |
|            |           | 25              | 25        | 21.10 | 21.56 | 21.94 |
|            |           | 50              | 0         | 21.09 | 21.63 | 22.00 |
| 10M        | 16QAM     | 1               | 0         | 21.37 | 21.74 | 21.63 |
|            |           | 1               | 24        | 21.36 | 21.85 | 21.86 |
|            |           | 1               | 49        | 21.33 | 21.84 | 21.75 |
|            |           | 25              | 0         | 19.98 | 20.52 | 20.58 |
|            |           | 25              | 12        | 19.95 | 20.61 | 20.67 |
|            |           | 25              | 25        | 19.89 | 20.56 | 20.62 |
|            |           | 50              | 0         | 19.97 | 20.67 | 20.69 |
| 10M        | 64QAM     | 1               | 0         | 20.34 | 20.69 | 20.79 |
|            |           | 1               | 24        | 20.48 | 20.93 | 20.94 |
|            |           | 1               | 49        | 20.22 | 20.67 | 20.66 |
|            |           | 25              | 0         | 19.03 | 19.53 | 19.43 |
|            |           | 25              | 12        | 19.05 | 19.57 | 19.55 |
|            |           | 25              | 25        | 19.14 | 19.65 | 19.61 |
|            |           | 50              | 0         | 18.95 | 19.57 | 19.50 |

| LTE Band 2 |           |                 |           |        |       |        |
|------------|-----------|-----------------|-----------|--------|-------|--------|
| BW         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   |
|            |           | Channel         |           | 18625  | 18900 | 19175  |
|            |           | Frequency (MHz) |           | 1852.5 | 1880  | 1907.5 |
| 5M         | QPSK      | 1               | 0         | 22.03  | 22.25 | 22.57  |
|            |           | 1               | 12        | 22.34  | 22.54 | 22.88  |
|            |           | 1               | 24        | 22.16  | 22.43 | 22.81  |
|            |           | 12              | 0         | 21.22  | 21.53 | 22.00  |
|            |           | 12              | 6         | 21.37  | 21.69 | 22.20  |
|            |           | 12              | 13        | 21.15  | 21.53 | 22.12  |
|            |           | 25              | 0         | 21.04  | 21.51 | 22.02  |
| 5M         | 16QAM     | 1               | 0         | 21.52  | 21.71 | 21.61  |
|            |           | 1               | 12        | 21.31  | 21.53 | 21.81  |
|            |           | 1               | 24        | 21.43  | 21.69 | 21.58  |
|            |           | 12              | 0         | 20.10  | 20.47 | 20.37  |
|            |           | 12              | 6         | 20.07  | 20.46 | 20.39  |
|            |           | 12              | 13        | 20.00  | 20.43 | 20.37  |
|            |           | 25              | 0         | 20.08  | 20.55 | 20.48  |
| 5M         | 64QAM     | 1               | 0         | 20.31  | 20.69 | 20.71  |
|            |           | 1               | 12        | 20.22  | 20.72 | 20.78  |
|            |           | 1               | 24        | 20.16  | 20.64 | 20.55  |
|            |           | 12              | 0         | 18.85  | 19.45 | 19.32  |
|            |           | 12              | 6         | 18.93  | 19.54 | 19.47  |
|            |           | 12              | 13        | 18.83  | 19.52 | 19.46  |
|            |           | 25              | 0         | 18.67  | 19.46 | 19.49  |

| LTE Band 2 |           |                 |           |        |       |        |
|------------|-----------|-----------------|-----------|--------|-------|--------|
| BW         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   |
|            |           | Channel         |           | 18615  | 18900 | 19185  |
|            |           | Frequency (MHz) |           | 1851.5 | 1880  | 1908.5 |
| 3M         | QPSK      | 1               | 0         | 22.00  | 22.28 | 22.55  |
|            |           | 1               | 7         | 22.20  | 22.45 | 22.70  |
|            |           | 1               | 14        | 22.21  | 22.47 | 22.64  |
|            |           | 8               | 0         | 21.18  | 21.53 | 21.78  |
|            |           | 8               | 3         | 21.10  | 21.57 | 21.89  |
|            |           | 8               | 7         | 20.96  | 21.47 | 21.78  |
|            |           | 15              | 0         | 20.91  | 21.46 | 21.86  |
| 3M         | 16QAM     | 1               | 0         | 21.33  | 21.66 | 21.59  |
|            |           | 1               | 7         | 21.24  | 21.56 | 21.67  |
|            |           | 1               | 14        | 21.35  | 21.64 | 21.65  |
|            |           | 8               | 0         | 20.20  | 20.58 | 20.69  |
|            |           | 8               | 3         | 20.31  | 20.66 | 20.68  |
|            |           | 8               | 7         | 20.22  | 20.62 | 20.72  |
|            |           | 15              | 0         | 20.16  | 20.54 | 20.68  |
| 3M         | 64QAM     | 1               | 0         | 20.47  | 20.69 | 20.73  |
|            |           | 1               | 7         | 20.44  | 20.75 | 20.82  |
|            |           | 1               | 14        | 20.37  | 20.77 | 20.81  |
|            |           | 8               | 0         | 19.17  | 19.54 | 19.63  |
|            |           | 8               | 3         | 19.28  | 19.72 | 19.91  |
|            |           | 8               | 7         | 19.17  | 19.69 | 19.84  |
|            |           | 15              | 0         | 19.01  | 19.54 | 19.59  |

| LTE Band 2 |           |                 |           |        |       |        |
|------------|-----------|-----------------|-----------|--------|-------|--------|
| BW         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   |
|            |           | Channel         |           | 18607  | 18900 | 19193  |
|            |           | Frequency (MHz) |           | 1850.7 | 1880  | 1909.3 |
| 1.4M       | QPSK      | 1               | 0         | 22.05  | 22.20 | 22.51  |
|            |           | 1               | 2         | 22.28  | 22.43 | 22.73  |
|            |           | 1               | 5         | 22.11  | 22.38 | 22.78  |
|            |           | 3               | 0         | 22.17  | 22.41 | 22.63  |
|            |           | 3               | 1         | 22.21  | 22.49 | 22.65  |
|            |           | 3               | 3         | 22.19  | 22.47 | 22.73  |
|            |           | 6               | 0         | 21.05  | 21.41 | 21.67  |
| 1.4M       | 16QAM     | 1               | 0         | 21.41  | 21.62 | 21.55  |
|            |           | 1               | 2         | 21.22  | 21.54 | 21.38  |
|            |           | 1               | 5         | 21.26  | 21.48 | 21.64  |
|            |           | 3               | 0         | 20.95  | 21.44 | 21.36  |
|            |           | 3               | 1         | 21.06  | 21.61 | 21.55  |
|            |           | 3               | 3         | 20.97  | 21.52 | 21.53  |
|            |           | 6               | 0         | 19.99  | 20.64 | 20.61  |
| 1.4M       | 64QAM     | 1               | 0         | 20.28  | 20.59 | 20.70  |
|            |           | 1               | 2         | 20.23  | 20.63 | 20.82  |
|            |           | 1               | 5         | 20.26  | 20.63 | 20.90  |
|            |           | 3               | 0         | 20.14  | 20.57 | 20.76  |
|            |           | 3               | 1         | 19.98  | 20.43 | 20.54  |
|            |           | 3               | 3         | 19.96  | 20.41 | 20.56  |
|            |           | 6               | 0         | 18.95  | 19.37 | 19.53  |

| LTE Band 25 |           |                 |           |       |        |       |
|-------------|-----------|-----------------|-----------|-------|--------|-------|
| BW          | MCS Index | RB Size         | RB Offset | Low   | Mid    | High  |
|             |           | Channel         |           | 26140 | 26365  | 26590 |
|             |           | Frequency (MHz) |           | 1860  | 1882.5 | 1905  |
| 20M         | QPSK      | 1               | 0         | 22.47 | 22.56  | 22.41 |
|             |           | 1               | 50        | 22.61 | 22.41  | 22.93 |
|             |           | 1               | 99        | 22.38 | 22.52  | 22.53 |
|             |           | 50              | 0         | 21.28 | 21.85  | 21.64 |
|             |           | 50              | 25        | 21.65 | 21.96  | 21.41 |
|             |           | 50              | 50        | 21.73 | 21.92  | 21.78 |
|             |           | 100             | 0         | 21.81 | 21.59  | 21.39 |
| 20M         | 16QAM     | 1               | 0         | 22.05 | 21.65  | 21.92 |
|             |           | 1               | 50        | 21.62 | 21.68  | 21.69 |
|             |           | 1               | 99        | 21.73 | 21.66  | 21.65 |
|             |           | 50              | 0         | 20.45 | 20.78  | 20.47 |
|             |           | 50              | 25        | 20.57 | 20.48  | 20.69 |
|             |           | 50              | 50        | 20.92 | 20.81  | 20.41 |
|             |           | 100             | 0         | 20.41 | 20.94  | 20.76 |
| 20M         | 64QAM     | 1               | 0         | 20.75 | 20.90  | 20.50 |
|             |           | 1               | 50        | 21.12 | 21.33  | 21.17 |
|             |           | 1               | 99        | 20.79 | 20.89  | 20.73 |
|             |           | 50              | 0         | 19.48 | 19.43  | 19.88 |
|             |           | 50              | 25        | 19.80 | 19.53  | 19.77 |
|             |           | 50              | 50        | 19.99 | 19.67  | 19.55 |
|             |           | 100             | 0         | 19.81 | 19.75  | 19.63 |

| LTE Band 25 |           |                 |           |        |        |        |
|-------------|-----------|-----------------|-----------|--------|--------|--------|
| BW          | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   |
|             |           | Channel         |           | 26115  | 26365  | 26615  |
|             |           | Frequency (MHz) |           | 1857.5 | 1882.5 | 1907.5 |
| 15M         | QPSK      | 1               | 0         | 22.08  | 22.16  | 22.29  |
|             |           | 1               | 37        | 22.51  | 22.41  | 22.92  |
|             |           | 1               | 74        | 22.27  | 22.34  | 22.56  |
|             |           | 36              | 0         | 21.54  | 21.80  | 21.52  |
|             |           | 36              | 19        | 21.63  | 22.00  | 21.47  |
|             |           | 36              | 39        | 21.85  | 21.88  | 21.97  |
|             |           | 75              | 0         | 21.41  | 21.64  | 21.54  |
| 15M         | 16QAM     | 1               | 0         | 22.03  | 21.62  | 21.53  |
|             |           | 1               | 37        | 21.76  | 22.12  | 22.18  |
|             |           | 1               | 74        | 21.90  | 22.07  | 21.75  |
|             |           | 36              | 0         | 20.70  | 20.38  | 20.55  |
|             |           | 36              | 19        | 20.37  | 20.35  | 20.85  |
|             |           | 36              | 39        | 20.39  | 20.54  | 20.85  |
|             |           | 75              | 0         | 20.61  | 20.52  | 20.69  |
| 15M         | 64QAM     | 1               | 0         | 20.71  | 20.63  | 20.46  |
|             |           | 1               | 37        | 20.83  | 21.02  | 21.08  |
|             |           | 1               | 74        | 20.77  | 20.88  | 20.74  |
|             |           | 36              | 0         | 19.84  | 19.37  | 19.92  |
|             |           | 36              | 19        | 19.40  | 19.77  | 19.54  |
|             |           | 36              | 39        | 19.95  | 19.96  | 19.74  |
|             |           | 75              | 0         | 19.78  | 19.56  | 19.63  |

| LTE Band 25 |           |                 |           |       |        |       |
|-------------|-----------|-----------------|-----------|-------|--------|-------|
| BW          | MCS Index | RB Size         | RB Offset | Low   | Mid    | High  |
|             |           | Channel         |           | 26090 | 26365  | 26640 |
|             |           | Frequency (MHz) |           | 1855  | 1882.5 | 1910  |
| 10M         | QPSK      | 1               | 0         | 22.52 | 22.11  | 22.02 |
|             |           | 1               | 24        | 22.73 | 22.90  | 22.83 |
|             |           | 1               | 49        | 22.50 | 22.45  | 22.37 |
|             |           | 25              | 0         | 21.65 | 21.64  | 21.76 |
|             |           | 25              | 12        | 21.40 | 21.99  | 21.93 |
|             |           | 25              | 25        | 21.40 | 21.88  | 21.78 |
|             |           | 50              | 0         | 21.76 | 21.44  | 21.61 |
| 10M         | 16QAM     | 1               | 0         | 21.48 | 21.92  | 21.51 |
|             |           | 1               | 24        | 21.81 | 21.68  | 21.65 |
|             |           | 1               | 49        | 21.87 | 21.82  | 21.69 |
|             |           | 25              | 0         | 20.35 | 20.77  | 20.65 |
|             |           | 25              | 12        | 20.50 | 20.94  | 20.56 |
|             |           | 25              | 25        | 20.62 | 20.56  | 20.41 |
|             |           | 50              | 0         | 20.39 | 20.77  | 20.62 |
| 10M         | 64QAM     | 1               | 0         | 20.57 | 21.01  | 20.45 |
|             |           | 1               | 24        | 21.11 | 20.84  | 21.30 |
|             |           | 1               | 49        | 20.75 | 20.79  | 20.62 |
|             |           | 25              | 0         | 19.55 | 19.93  | 19.89 |
|             |           | 25              | 12        | 19.85 | 19.83  | 19.49 |
|             |           | 25              | 25        | 19.69 | 19.55  | 19.79 |
|             |           | 50              | 0         | 19.56 | 19.78  | 19.83 |

| LTE Band 25 |           |                 |           |        |        |        |
|-------------|-----------|-----------------|-----------|--------|--------|--------|
| BW          | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   |
|             |           | Channel         |           | 26065  | 26365  | 26665  |
|             |           | Frequency (MHz) |           | 1852.5 | 1882.5 | 1912.5 |
| 5M          | QPSK      | 1               | 0         | 22.32  | 22.04  | 22.52  |
|             |           | 1               | 12        | 22.62  | 22.60  | 22.65  |
|             |           | 1               | 24        | 22.57  | 22.33  | 22.47  |
|             |           | 12              | 0         | 21.58  | 21.38  | 21.54  |
|             |           | 12              | 6         | 21.70  | 21.96  | 21.67  |
|             |           | 12              | 13        | 21.69  | 21.43  | 21.42  |
|             |           | 25              | 0         | 21.62  | 21.83  | 21.77  |
| 5M          | 16QAM     | 1               | 0         | 21.75  | 21.46  | 21.54  |
|             |           | 1               | 12        | 21.89  | 21.73  | 21.62  |
|             |           | 1               | 24        | 21.83  | 21.60  | 21.94  |
|             |           | 12              | 0         | 20.64  | 20.56  | 20.54  |
|             |           | 12              | 6         | 20.65  | 20.80  | 20.95  |
|             |           | 12              | 13        | 20.66  | 20.60  | 20.50  |
|             |           | 25              | 0         | 20.66  | 20.71  | 20.80  |
| 5M          | 64QAM     | 1               | 0         | 20.73  | 20.46  | 20.89  |
|             |           | 1               | 12        | 21.05  | 21.04  | 21.21  |
|             |           | 1               | 24        | 20.82  | 21.05  | 20.71  |
|             |           | 12              | 0         | 19.63  | 19.47  | 19.46  |
|             |           | 12              | 6         | 19.68  | 19.67  | 19.89  |
|             |           | 12              | 13        | 19.69  | 19.59  | 19.96  |
|             |           | 25              | 0         | 19.61  | 19.64  | 19.65  |

| LTE Band 25 |           |                 |           |        |        |        |
|-------------|-----------|-----------------|-----------|--------|--------|--------|
| BW          | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   |
|             |           | Channel         |           | 26055  | 26365  | 26675  |
|             |           | Frequency (MHz) |           | 1851.5 | 1882.5 | 1913.5 |
| 3M          | QPSK      | 1               | 0         | 22.10  | 22.20  | 22.59  |
|             |           | 1               | 7         | 22.77  | 22.55  | 22.51  |
|             |           | 1               | 14        | 22.35  | 22.73  | 22.70  |
|             |           | 8               | 0         | 21.48  | 21.49  | 21.74  |
|             |           | 8               | 3         | 21.61  | 21.48  | 21.58  |
|             |           | 8               | 7         | 21.79  | 21.48  | 21.65  |
|             |           | 15              | 0         | 21.78  | 21.57  | 21.59  |
| 3M          | 16QAM     | 1               | 0         | 21.47  | 22.03  | 21.68  |
|             |           | 1               | 7         | 22.15  | 21.68  | 22.18  |
|             |           | 1               | 14        | 21.64  | 21.73  | 22.04  |
|             |           | 8               | 0         | 20.79  | 20.91  | 20.54  |
|             |           | 8               | 3         | 20.66  | 20.61  | 20.92  |
|             |           | 8               | 7         | 20.58  | 20.54  | 20.77  |
|             |           | 15              | 0         | 20.68  | 20.53  | 20.44  |
| 3M          | 64QAM     | 1               | 0         | 20.56  | 20.66  | 20.48  |
|             |           | 1               | 7         | 21.20  | 21.33  | 21.14  |
|             |           | 1               | 14        | 20.53  | 20.68  | 20.69  |
|             |           | 8               | 0         | 19.84  | 19.89  | 19.36  |
|             |           | 8               | 3         | 19.63  | 19.66  | 19.82  |
|             |           | 8               | 7         | 19.56  | 19.85  | 19.98  |
|             |           | 15              | 0         | 19.33  | 19.56  | 19.53  |

| LTE Band 25 |           |                 |           |        |        |        |
|-------------|-----------|-----------------|-----------|--------|--------|--------|
| BW          | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   |
|             |           | Channel         |           | 26047  | 26365  | 26683  |
|             |           | Frequency (MHz) |           | 1850.7 | 1882.5 | 1914.3 |
| 1.4M        | QPSK      | 1               | 0         | 22.51  | 22.22  | 22.17  |
|             |           | 1               | 2         | 22.83  | 22.91  | 22.56  |
|             |           | 1               | 5         | 22.37  | 22.57  | 22.79  |
|             |           | 3               | 0         | 21.68  | 21.83  | 21.87  |
|             |           | 3               | 1         | 21.59  | 21.89  | 21.83  |
|             |           | 3               | 3         | 21.91  | 21.84  | 21.72  |
|             |           | 6               | 0         | 21.76  | 21.57  | 21.59  |
| 1.4M        | 16QAM     | 1               | 0         | 21.86  | 21.66  | 22.04  |
|             |           | 1               | 2         | 21.94  | 21.75  | 21.79  |
|             |           | 1               | 5         | 21.82  | 22.09  | 21.95  |
|             |           | 3               | 0         | 20.68  | 20.85  | 20.91  |
|             |           | 3               | 1         | 20.64  | 20.59  | 20.75  |
|             |           | 3               | 3         | 20.39  | 20.92  | 20.78  |
|             |           | 6               | 0         | 20.65  | 20.76  | 20.76  |
| 1.4M        | 64QAM     | 1               | 0         | 20.65  | 20.74  | 20.53  |
|             |           | 1               | 2         | 20.98  | 20.85  | 21.23  |
|             |           | 1               | 5         | 20.70  | 21.04  | 21.10  |
|             |           | 3               | 0         | 19.34  | 19.90  | 19.54  |
|             |           | 3               | 1         | 19.60  | 19.79  | 19.72  |
|             |           | 3               | 3         | 19.96  | 19.81  | 19.82  |
|             |           | 6               | 0         | 19.42  | 19.71  | 19.39  |

**EIRP Power (dBm)**

| Band      | GPRS, EDGE 1900 |       |        |
|-----------|-----------------|-------|--------|
| Channel   | 512             | 661   | 810    |
| Frequency | 1850.2          | 1880  | 1909.8 |
| GPRS      | 29.86           | 30.15 | 30.41  |
| EDGE      | 28.91           | 29.17 | 29.38  |

\*EIRP = Conducted + antenna gain (1.80dBi)

| LTE Band 2 |           |                 |           |       |       |       |
|------------|-----------|-----------------|-----------|-------|-------|-------|
| BW         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  |
|            |           | Channel         |           | 18700 | 18900 | 19100 |
|            |           | Frequency (MHz) |           | 1860  | 1880  | 1900  |
| 20M        | QPSK      | 1               | 0         | 23.90 | 24.25 | 24.61 |
|            |           | 1               | 50        | 23.94 | 24.36 | 24.74 |
|            |           | 1               | 99        | 23.85 | 24.28 | 24.59 |
|            |           | 50              | 0         | 22.78 | 23.20 | 23.45 |
|            |           | 50              | 25        | 22.83 | 23.33 | 23.67 |
|            |           | 50              | 50        | 22.87 | 23.34 | 23.71 |
|            |           | 100             | 0         | 22.80 | 23.35 | 23.75 |
| 20M        | 16QAM     | 1               | 0         | 23.47 | 23.16 | 23.67 |
|            |           | 1               | 50        | 23.84 | 23.53 | 24.14 |
|            |           | 1               | 99        | 23.74 | 23.54 | 24.09 |
|            |           | 50              | 0         | 22.45 | 22.37 | 22.83 |
|            |           | 50              | 25        | 22.38 | 22.35 | 22.76 |
|            |           | 50              | 50        | 22.24 | 22.33 | 22.81 |
|            |           | 100             | 0         | 22.23 | 22.37 | 22.90 |
| 20M        | 64QAM     | 1               | 0         | 22.35 | 22.33 | 22.68 |
|            |           | 1               | 50        | 22.42 | 22.48 | 22.74 |
|            |           | 1               | 99        | 22.35 | 22.38 | 22.60 |
|            |           | 50              | 0         | 21.32 | 21.33 | 21.65 |
|            |           | 50              | 25        | 21.40 | 21.38 | 21.72 |
|            |           | 50              | 50        | 21.38 | 21.43 | 21.71 |
|            |           | 100             | 0         | 21.27 | 21.34 | 21.64 |

\*EIRP = Conducted + antenna gain (1.80dBi)

| LTE Band 2 |           |                 |           |        |       |        |
|------------|-----------|-----------------|-----------|--------|-------|--------|
| BW         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   |
|            |           | Channel         |           | 18675  | 18900 | 19125  |
|            |           | Frequency (MHz) |           | 1857.5 | 1880  | 1902.5 |
| 15M        | QPSK      | 1               | 0         | 23.89  | 24.17 | 24.45  |
|            |           | 1               | 37        | 24.11  | 24.39 | 24.67  |
|            |           | 1               | 74        | 23.94  | 24.32 | 24.59  |
|            |           | 36              | 0         | 22.93  | 23.32 | 23.55  |
|            |           | 36              | 19        | 23.00  | 23.43 | 23.73  |
|            |           | 36              | 39        | 22.93  | 23.39 | 23.70  |
|            |           | 75              | 0         | 22.84  | 23.33 | 23.57  |
| 15M        | 16QAM     | 1               | 0         | 23.48  | 23.27 | 23.59  |
|            |           | 1               | 37        | 23.70  | 23.61 | 24.05  |
|            |           | 1               | 74        | 23.77  | 23.69 | 23.92  |
|            |           | 36              | 0         | 22.34  | 22.35 | 22.64  |
|            |           | 36              | 19        | 22.34  | 22.45 | 22.67  |
|            |           | 36              | 39        | 22.32  | 22.42 | 22.67  |
|            |           | 75              | 0         | 22.16  | 22.37 | 22.59  |
| 15M        | 64QAM     | 1               | 0         | 22.17  | 22.60 | 22.54  |
|            |           | 1               | 37        | 22.12  | 22.53 | 22.74  |
|            |           | 1               | 74        | 22.14  | 22.65 | 22.58  |
|            |           | 36              | 0         | 20.77  | 21.28 | 21.30  |
|            |           | 36              | 19        | 20.87  | 21.46 | 21.53  |
|            |           | 36              | 39        | 20.75  | 21.44 | 21.54  |
|            |           | 75              | 0         | 20.55  | 21.35 | 21.44  |

\*EIRP = Conducted + antenna gain (1.80dBi)

| LTE Band 2 |           |                 |           |       |       |       |
|------------|-----------|-----------------|-----------|-------|-------|-------|
| BW         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  |
|            |           | Channel         |           | 18650 | 18900 | 19150 |
|            |           | Frequency (MHz) |           | 1855  | 1880  | 1905  |
| 10M        | QPSK      | 1               | 0         | 23.85 | 24.12 | 24.43 |
|            |           | 1               | 24        | 24.08 | 24.34 | 24.84 |
|            |           | 1               | 49        | 24.18 | 24.45 | 24.70 |
|            |           | 25              | 0         | 22.99 | 23.31 | 23.68 |
|            |           | 25              | 12        | 23.14 | 23.48 | 23.88 |
|            |           | 25              | 25        | 22.90 | 23.36 | 23.74 |
|            |           | 50              | 0         | 22.89 | 23.43 | 23.80 |
| 10M        | 16QAM     | 1               | 0         | 23.17 | 23.54 | 23.43 |
|            |           | 1               | 24        | 23.16 | 23.65 | 23.66 |
|            |           | 1               | 49        | 23.13 | 23.64 | 23.55 |
|            |           | 25              | 0         | 21.78 | 22.32 | 22.38 |
|            |           | 25              | 12        | 21.75 | 22.41 | 22.47 |
|            |           | 25              | 25        | 21.69 | 22.36 | 22.42 |
|            |           | 50              | 0         | 21.77 | 22.47 | 22.49 |
| 10M        | 64QAM     | 1               | 0         | 22.14 | 22.49 | 22.59 |
|            |           | 1               | 24        | 22.28 | 22.73 | 22.74 |
|            |           | 1               | 49        | 22.02 | 22.47 | 22.46 |
|            |           | 25              | 0         | 20.83 | 21.33 | 21.23 |
|            |           | 25              | 12        | 20.85 | 21.37 | 21.35 |
|            |           | 25              | 25        | 20.94 | 21.45 | 21.41 |
|            |           | 50              | 0         | 20.75 | 21.37 | 21.30 |

\*EIRP = Conducted + antenna gain (1.80dBi)

| LTE Band 2 |           |                 |           |        |       |        |
|------------|-----------|-----------------|-----------|--------|-------|--------|
| BW         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   |
|            |           | Channel         |           | 18625  | 18900 | 19175  |
|            |           | Frequency (MHz) |           | 1852.5 | 1880  | 1907.5 |
| 5M         | QPSK      | 1               | 0         | 23.83  | 24.05 | 24.37  |
|            |           | 1               | 12        | 24.14  | 24.34 | 24.68  |
|            |           | 1               | 24        | 23.96  | 24.23 | 24.61  |
|            |           | 12              | 0         | 23.02  | 23.33 | 23.80  |
|            |           | 12              | 6         | 23.17  | 23.49 | 24.00  |
|            |           | 12              | 13        | 22.95  | 23.33 | 23.92  |
|            |           | 25              | 0         | 22.84  | 23.31 | 23.82  |
| 5M         | 16QAM     | 1               | 0         | 23.32  | 23.51 | 23.41  |
|            |           | 1               | 12        | 23.11  | 23.33 | 23.61  |
|            |           | 1               | 24        | 23.23  | 23.49 | 23.38  |
|            |           | 12              | 0         | 21.90  | 22.27 | 22.17  |
|            |           | 12              | 6         | 21.87  | 22.26 | 22.19  |
|            |           | 12              | 13        | 21.80  | 22.23 | 22.17  |
|            |           | 25              | 0         | 21.88  | 22.35 | 22.28  |
| 5M         | 64QAM     | 1               | 0         | 22.11  | 22.49 | 22.51  |
|            |           | 1               | 12        | 22.02  | 22.52 | 22.58  |
|            |           | 1               | 24        | 21.96  | 22.44 | 22.35  |
|            |           | 12              | 0         | 20.65  | 21.25 | 21.12  |
|            |           | 12              | 6         | 20.73  | 21.34 | 21.27  |
|            |           | 12              | 13        | 20.63  | 21.32 | 21.26  |
|            |           | 25              | 0         | 20.47  | 21.26 | 21.29  |

\*EIRP = Conducted + antenna gain (1.80dBi)

| LTE Band 2 |           |                 |           |        |       |        |
|------------|-----------|-----------------|-----------|--------|-------|--------|
| BW         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   |
|            |           | Channel         |           | 18615  | 18900 | 19185  |
|            |           | Frequency (MHz) |           | 1851.5 | 1880  | 1908.5 |
| 3M         | QPSK      | 1               | 0         | 23.80  | 24.08 | 24.35  |
|            |           | 1               | 7         | 24.00  | 24.25 | 24.50  |
|            |           | 1               | 14        | 24.01  | 24.27 | 24.44  |
|            |           | 8               | 0         | 22.98  | 23.33 | 23.58  |
|            |           | 8               | 3         | 22.90  | 23.37 | 23.69  |
|            |           | 8               | 7         | 22.76  | 23.27 | 23.58  |
|            |           | 15              | 0         | 22.71  | 23.26 | 23.66  |
| 3M         | 16QAM     | 1               | 0         | 23.13  | 23.46 | 23.39  |
|            |           | 1               | 7         | 23.04  | 23.36 | 23.47  |
|            |           | 1               | 14        | 23.15  | 23.44 | 23.45  |
|            |           | 8               | 0         | 22.00  | 22.38 | 22.49  |
|            |           | 8               | 3         | 22.11  | 22.46 | 22.48  |
|            |           | 8               | 7         | 22.02  | 22.42 | 22.52  |
|            |           | 15              | 0         | 21.96  | 22.34 | 22.48  |
| 3M         | 64QAM     | 1               | 0         | 22.27  | 22.49 | 22.53  |
|            |           | 1               | 7         | 22.24  | 22.55 | 22.62  |
|            |           | 1               | 14        | 22.17  | 22.57 | 22.61  |
|            |           | 8               | 0         | 20.97  | 21.34 | 21.43  |
|            |           | 8               | 3         | 21.08  | 21.52 | 21.71  |
|            |           | 8               | 7         | 20.97  | 21.49 | 21.64  |
|            |           | 15              | 0         | 20.81  | 21.34 | 21.39  |

\*EIRP = Conducted + antenna gain (1.80dBi)

| LTE Band 2 |           |                 |           |        |       |        |
|------------|-----------|-----------------|-----------|--------|-------|--------|
| BW         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   |
|            |           | Channel         |           | 18607  | 18900 | 19193  |
|            |           | Frequency (MHz) |           | 1850.7 | 1880  | 1909.3 |
| 1.4M       | QPSK      | 1               | 0         | 23.85  | 24.00 | 24.31  |
|            |           | 1               | 2         | 24.08  | 24.23 | 24.53  |
|            |           | 1               | 5         | 23.91  | 24.18 | 24.58  |
|            |           | 3               | 0         | 23.97  | 24.21 | 24.43  |
|            |           | 3               | 1         | 24.01  | 24.29 | 24.45  |
|            |           | 3               | 3         | 23.99  | 24.27 | 24.53  |
|            |           | 6               | 0         | 22.85  | 23.21 | 23.47  |
| 1.4M       | 16QAM     | 1               | 0         | 23.21  | 23.42 | 23.35  |
|            |           | 1               | 2         | 23.02  | 23.34 | 23.18  |
|            |           | 1               | 5         | 23.06  | 23.28 | 23.44  |
|            |           | 3               | 0         | 22.75  | 23.24 | 23.16  |
|            |           | 3               | 1         | 22.86  | 23.41 | 23.35  |
|            |           | 3               | 3         | 22.77  | 23.32 | 23.33  |
|            |           | 6               | 0         | 21.79  | 22.44 | 22.41  |
| 1.4M       | 64QAM     | 1               | 0         | 22.08  | 22.39 | 22.50  |
|            |           | 1               | 2         | 22.03  | 22.43 | 22.62  |
|            |           | 1               | 5         | 22.06  | 22.43 | 22.70  |
|            |           | 3               | 0         | 21.94  | 22.37 | 22.56  |
|            |           | 3               | 1         | 21.78  | 22.23 | 22.34  |
|            |           | 3               | 3         | 21.76  | 22.21 | 22.36  |
|            |           | 6               | 0         | 20.75  | 21.17 | 21.33  |

\*EIRP = Conducted + antenna gain (1.80dBi)

| LTE Band 25 |           |                 |           |       |        |       |
|-------------|-----------|-----------------|-----------|-------|--------|-------|
| BW          | MCS Index | RB Size         | RB Offset | Low   | Mid    | High  |
|             |           | Channel         |           | 26140 | 26365  | 26590 |
|             |           | Frequency (MHz) |           | 1860  | 1882.5 | 1905  |
| 20M         | QPSK      | 1               | 0         | 24.27 | 24.36  | 24.21 |
|             |           | 1               | 50        | 24.41 | 24.21  | 24.73 |
|             |           | 1               | 99        | 24.18 | 24.32  | 24.33 |
|             |           | 50              | 0         | 23.08 | 23.65  | 23.44 |
|             |           | 50              | 25        | 23.45 | 23.76  | 23.21 |
|             |           | 50              | 50        | 23.53 | 23.72  | 23.58 |
|             |           | 100             | 0         | 23.61 | 23.39  | 23.19 |
| 20M         | 16QAM     | 1               | 0         | 23.85 | 23.45  | 23.72 |
|             |           | 1               | 50        | 23.42 | 23.48  | 23.49 |
|             |           | 1               | 99        | 23.53 | 23.46  | 23.45 |
|             |           | 50              | 0         | 22.25 | 22.58  | 22.27 |
|             |           | 50              | 25        | 22.37 | 22.28  | 22.49 |
|             |           | 50              | 50        | 22.72 | 22.61  | 22.21 |
|             |           | 100             | 0         | 22.21 | 22.74  | 22.56 |
| 20M         | 64QAM     | 1               | 0         | 22.55 | 22.70  | 22.30 |
|             |           | 1               | 50        | 22.92 | 23.13  | 22.97 |
|             |           | 1               | 99        | 22.59 | 22.69  | 22.53 |
|             |           | 50              | 0         | 21.28 | 21.23  | 21.68 |
|             |           | 50              | 25        | 21.60 | 21.33  | 21.57 |
|             |           | 50              | 50        | 21.79 | 21.47  | 21.35 |
|             |           | 100             | 0         | 21.61 | 21.55  | 21.43 |

\*EIRP = Conducted + antenna gain (1.80dBi)

| LTE Band 25 |           |                 |           |        |        |        |
|-------------|-----------|-----------------|-----------|--------|--------|--------|
| BW          | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   |
|             |           | Channel         |           | 26115  | 26365  | 26615  |
|             |           | Frequency (MHz) |           | 1857.5 | 1882.5 | 1907.5 |
| 15M         | QPSK      | 1               | 0         | 23.88  | 23.96  | 24.09  |
|             |           | 1               | 37        | 24.31  | 24.21  | 24.72  |
|             |           | 1               | 74        | 24.07  | 24.14  | 24.36  |
|             |           | 36              | 0         | 23.34  | 23.60  | 23.32  |
|             |           | 36              | 19        | 23.43  | 23.80  | 23.27  |
|             |           | 36              | 39        | 23.65  | 23.68  | 23.77  |
|             |           | 75              | 0         | 23.21  | 23.44  | 23.34  |
| 15M         | 16QAM     | 1               | 0         | 23.83  | 23.42  | 23.33  |
|             |           | 1               | 37        | 23.56  | 23.92  | 23.98  |
|             |           | 1               | 74        | 23.70  | 23.87  | 23.55  |
|             |           | 36              | 0         | 22.50  | 22.18  | 22.35  |
|             |           | 36              | 19        | 22.17  | 22.15  | 22.65  |
|             |           | 36              | 39        | 22.19  | 22.34  | 22.65  |
|             |           | 75              | 0         | 22.41  | 22.32  | 22.49  |
| 15M         | 64QAM     | 1               | 0         | 22.51  | 22.43  | 22.26  |
|             |           | 1               | 37        | 22.63  | 22.82  | 22.88  |
|             |           | 1               | 74        | 22.57  | 22.68  | 22.54  |
|             |           | 36              | 0         | 21.64  | 21.17  | 21.72  |
|             |           | 36              | 19        | 21.20  | 21.57  | 21.34  |
|             |           | 36              | 39        | 21.75  | 21.76  | 21.54  |
|             |           | 75              | 0         | 21.58  | 21.36  | 21.43  |

\*EIRP = Conducted + antenna gain (1.80dBi)

| LTE Band 25 |           |                 |           |       |        |       |
|-------------|-----------|-----------------|-----------|-------|--------|-------|
| BW          | MCS Index | RB Size         | RB Offset | Low   | Mid    | High  |
|             |           | Channel         |           | 26090 | 26365  | 26640 |
|             |           | Frequency (MHz) |           | 1855  | 1882.5 | 1910  |
| 10M         | QPSK      | 1               | 0         | 24.32 | 23.91  | 23.82 |
|             |           | 1               | 24        | 24.53 | 24.70  | 24.63 |
|             |           | 1               | 49        | 24.30 | 24.25  | 24.17 |
|             |           | 25              | 0         | 23.45 | 23.44  | 23.56 |
|             |           | 25              | 12        | 23.20 | 23.79  | 23.73 |
|             |           | 25              | 25        | 23.20 | 23.68  | 23.58 |
|             |           | 50              | 0         | 23.56 | 23.24  | 23.41 |
| 10M         | 16QAM     | 1               | 0         | 23.28 | 23.72  | 23.31 |
|             |           | 1               | 24        | 23.61 | 23.48  | 23.45 |
|             |           | 1               | 49        | 23.67 | 23.62  | 23.49 |
|             |           | 25              | 0         | 22.15 | 22.57  | 22.45 |
|             |           | 25              | 12        | 22.30 | 22.74  | 22.36 |
|             |           | 25              | 25        | 22.42 | 22.36  | 22.21 |
|             |           | 50              | 0         | 22.19 | 22.57  | 22.42 |
| 10M         | 64QAM     | 1               | 0         | 22.37 | 22.81  | 22.25 |
|             |           | 1               | 24        | 22.91 | 22.64  | 23.10 |
|             |           | 1               | 49        | 22.55 | 22.59  | 22.42 |
|             |           | 25              | 0         | 21.35 | 21.73  | 21.69 |
|             |           | 25              | 12        | 21.65 | 21.63  | 21.29 |
|             |           | 25              | 25        | 21.49 | 21.35  | 21.59 |
|             |           | 50              | 0         | 21.36 | 21.58  | 21.63 |

\*EIRP = Conducted + antenna gain (1.80dBi)

| LTE Band 25 |           |                 |           |        |        |        |
|-------------|-----------|-----------------|-----------|--------|--------|--------|
| BW          | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   |
|             |           | Channel         |           | 26065  | 26365  | 26665  |
|             |           | Frequency (MHz) |           | 1852.5 | 1882.5 | 1912.5 |
| 5M          | QPSK      | 1               | 0         | 24.12  | 23.84  | 24.32  |
|             |           | 1               | 12        | 24.42  | 24.40  | 24.45  |
|             |           | 1               | 24        | 24.37  | 24.13  | 24.27  |
|             |           | 12              | 0         | 23.38  | 23.18  | 23.34  |
|             |           | 12              | 6         | 23.50  | 23.76  | 23.47  |
|             |           | 12              | 13        | 23.49  | 23.23  | 23.22  |
|             |           | 25              | 0         | 23.42  | 23.63  | 23.57  |
| 5M          | 16QAM     | 1               | 0         | 23.55  | 23.26  | 23.34  |
|             |           | 1               | 12        | 23.69  | 23.53  | 23.42  |
|             |           | 1               | 24        | 23.63  | 23.40  | 23.74  |
|             |           | 12              | 0         | 22.44  | 22.36  | 22.34  |
|             |           | 12              | 6         | 22.45  | 22.60  | 22.75  |
|             |           | 12              | 13        | 22.46  | 22.40  | 22.30  |
|             |           | 25              | 0         | 22.46  | 22.51  | 22.60  |
| 5M          | 64QAM     | 1               | 0         | 22.53  | 22.26  | 22.69  |
|             |           | 1               | 12        | 22.85  | 22.84  | 23.01  |
|             |           | 1               | 24        | 22.62  | 22.85  | 22.51  |
|             |           | 12              | 0         | 21.43  | 21.27  | 21.26  |
|             |           | 12              | 6         | 21.48  | 21.47  | 21.69  |
|             |           | 12              | 13        | 21.49  | 21.39  | 21.76  |
|             |           | 25              | 0         | 21.41  | 21.44  | 21.45  |

\*EIRP = Conducted + antenna gain (1.80dBi)

| LTE Band 25 |           |                 |           |        |        |        |
|-------------|-----------|-----------------|-----------|--------|--------|--------|
| BW          | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   |
|             |           | Channel         |           | 26055  | 26365  | 26675  |
|             |           | Frequency (MHz) |           | 1851.5 | 1882.5 | 1913.5 |
| 3M          | QPSK      | 1               | 0         | 23.90  | 24.00  | 24.39  |
|             |           | 1               | 7         | 24.57  | 24.35  | 24.31  |
|             |           | 1               | 14        | 24.15  | 24.53  | 24.50  |
|             |           | 8               | 0         | 23.28  | 23.29  | 23.54  |
|             |           | 8               | 3         | 23.41  | 23.28  | 23.38  |
|             |           | 8               | 7         | 23.59  | 23.28  | 23.45  |
|             |           | 15              | 0         | 23.58  | 23.37  | 23.39  |
| 3M          | 16QAM     | 1               | 0         | 23.27  | 23.83  | 23.48  |
|             |           | 1               | 7         | 23.95  | 23.48  | 23.98  |
|             |           | 1               | 14        | 23.44  | 23.53  | 23.84  |
|             |           | 8               | 0         | 22.59  | 22.71  | 22.34  |
|             |           | 8               | 3         | 22.46  | 22.41  | 22.72  |
|             |           | 8               | 7         | 22.38  | 22.34  | 22.57  |
|             |           | 15              | 0         | 22.48  | 22.33  | 22.24  |
| 3M          | 64QAM     | 1               | 0         | 22.36  | 22.46  | 22.28  |
|             |           | 1               | 7         | 23.00  | 23.13  | 22.94  |
|             |           | 1               | 14        | 22.33  | 22.48  | 22.49  |
|             |           | 8               | 0         | 21.64  | 21.69  | 21.16  |
|             |           | 8               | 3         | 21.43  | 21.46  | 21.62  |
|             |           | 8               | 7         | 21.36  | 21.65  | 21.78  |
|             |           | 15              | 0         | 21.13  | 21.36  | 21.33  |

\*EIRP = Conducted + antenna gain (1.80dBi)