

Appendix C-LTE

Test Information:

|             |         |              |                       |
|-------------|---------|--------------|-----------------------|
| Sample No.: | 31JY-2  | Test Date:   | 2025/04/01~2025/06/11 |
| Test Site:  | RF      | Test Mode:   | Transmitting          |
| Tester:     | Len Lin | Test Result: | Pass                  |

Environmental Conditions:

|                      |           |                              |       |                        |            |
|----------------------|-----------|------------------------------|-------|------------------------|------------|
| Temperature:<br>(°C) | 21.4~26.3 | Relative<br>Humidity:<br>(%) | 48~64 | ATM Pressure:<br>(kPa) | 99.7~101.3 |
|----------------------|-----------|------------------------------|-------|------------------------|------------|

RF Output Power

FCC Part 22H

LTE Band 5, Normal

| Mode                    | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|-----------|---------|-----------|---------|
| 1.4MHz_Low_QPSK_1@0     | 22.93                 | 16.22     | 0.042   | 7         | Pass    |
| 1.4MHz_Low_QPSK_1@3     | 22.88                 | 16.17     | 0.041   | 7         | Pass    |
| 1.4MHz_Low_QPSK_1@5     | 22.86                 | 16.15     | 0.041   | 7         | Pass    |
| 1.4MHz_Low_QPSK_3@0     | 22.82                 | 16.11     | 0.041   | 7         | Pass    |
| 1.4MHz_Low_QPSK_3@1     | 22.84                 | 16.13     | 0.041   | 7         | Pass    |
| 1.4MHz_Low_QPSK_3@3     | 22.76                 | 16.05     | 0.040   | 7         | Pass    |
| 1.4MHz_Low_QPSK_6@0     | 21.77                 | 15.06     | 0.032   | 7         | Pass    |
| 1.4MHz_Low_16QAM_1@0    | 22.47                 | 15.76     | 0.038   | 7         | Pass    |
| 1.4MHz_Low_16QAM_1@3    | 22.45                 | 15.74     | 0.037   | 7         | Pass    |
| 1.4MHz_Low_16QAM_1@5    | 22.51                 | 15.80     | 0.038   | 7         | Pass    |
| 1.4MHz_Low_16QAM_3@0    | 22.12                 | 15.41     | 0.035   | 7         | Pass    |
| 1.4MHz_Low_16QAM_3@1    | 21.98                 | 15.27     | 0.034   | 7         | Pass    |
| 1.4MHz_Low_16QAM_3@3    | 21.97                 | 15.26     | 0.034   | 7         | Pass    |
| 1.4MHz_Low_16QAM_6@0    | 21.13                 | 14.42     | 0.028   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_1@0  | 23.02                 | 16.31     | 0.043   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_1@3  | 23.01                 | 16.30     | 0.043   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_1@5  | 23.03                 | 16.32     | 0.043   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_3@0  | 23.01                 | 16.30     | 0.043   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_3@1  | 22.95                 | 16.24     | 0.042   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_3@3  | 22.97                 | 16.26     | 0.042   | 7         | Pass    |
| 1.4MHz_Middle_QPSK_6@0  | 21.77                 | 15.06     | 0.032   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_1@0 | 22.79                 | 16.08     | 0.041   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_1@3 | 22.81                 | 16.10     | 0.041   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_1@5 | 22.77                 | 16.06     | 0.040   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_3@0 | 22.03                 | 15.32     | 0.034   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_3@1 | 21.95                 | 15.24     | 0.033   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_3@3 | 22.07                 | 15.36     | 0.034   | 7         | Pass    |
| 1.4MHz_Middle_16QAM_6@0 | 20.60                 | 13.89     | 0.024   | 7         | Pass    |
| 1.4MHz_High_QPSK_1@0    | 22.99                 | 16.28     | 0.042   | 7         | Pass    |
| 1.4MHz_High_QPSK_1@3    | 22.98                 | 16.27     | 0.042   | 7         | Pass    |

| Mode                  | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-----------------------|-----------------------|-----------|---------|-----------|---------|
| 1.4MHz_High_QPSK_1@5  | 22.96                 | 16.25     | 0.042   | 7         | Pass    |
| 1.4MHz_High_QPSK_3@0  | 22.93                 | 16.22     | 0.042   | 7         | Pass    |
| 1.4MHz_High_QPSK_3@1  | 22.93                 | 16.22     | 0.042   | 7         | Pass    |
| 1.4MHz_High_QPSK_3@3  | 22.95                 | 16.24     | 0.042   | 7         | Pass    |
| 1.4MHz_High_QPSK_6@0  | 21.84                 | 15.13     | 0.033   | 7         | Pass    |
| 1.4MHz_High_16QAM_1@0 | 22.73                 | 16.02     | 0.040   | 7         | Pass    |
| 1.4MHz_High_16QAM_1@3 | 22.70                 | 15.99     | 0.040   | 7         | Pass    |
| 1.4MHz_High_16QAM_1@5 | 22.68                 | 15.97     | 0.040   | 7         | Pass    |
| 1.4MHz_High_16QAM_3@0 | 22.18                 | 15.47     | 0.035   | 7         | Pass    |
| 1.4MHz_High_16QAM_3@1 | 22.14                 | 15.43     | 0.035   | 7         | Pass    |
| 1.4MHz_High_16QAM_3@3 | 22.12                 | 15.41     | 0.035   | 7         | Pass    |
| 1.4MHz_High_16QAM_6@0 | 21.10                 | 14.39     | 0.027   | 7         | Pass    |
| 3MHz_Low_QPSK_1@0     | 22.84                 | 16.13     | 0.041   | 7         | Pass    |
| 3MHz_Low_QPSK_1@8     | 22.84                 | 16.13     | 0.041   | 7         | Pass    |
| 3MHz_Low_QPSK_1@14    | 22.90                 | 16.19     | 0.042   | 7         | Pass    |
| 3MHz_Low_QPSK_8@0     | 21.67                 | 14.96     | 0.031   | 7         | Pass    |
| 3MHz_Low_QPSK_8@4     | 21.67                 | 14.96     | 0.031   | 7         | Pass    |
| 3MHz_Low_QPSK_8@7     | 21.65                 | 14.94     | 0.031   | 7         | Pass    |
| 3MHz_Low_QPSK_15@0    | 21.65                 | 14.94     | 0.031   | 7         | Pass    |
| 3MHz_Low_16QAM_1@0    | 22.28                 | 15.57     | 0.036   | 7         | Pass    |
| 3MHz_Low_16QAM_1@8    | 22.20                 | 15.49     | 0.035   | 7         | Pass    |
| 3MHz_Low_16QAM_1@14   | 22.30                 | 15.59     | 0.036   | 7         | Pass    |
| 3MHz_Low_16QAM_8@0    | 20.69                 | 13.98     | 0.025   | 7         | Pass    |
| 3MHz_Low_16QAM_8@4    | 20.65                 | 13.94     | 0.025   | 7         | Pass    |
| 3MHz_Low_16QAM_8@7    | 20.70                 | 13.99     | 0.025   | 7         | Pass    |
| 3MHz_Low_16QAM_15@0   | 20.85                 | 14.14     | 0.026   | 7         | Pass    |
| 3MHz_Middle_QPSK_1@0  | 22.96                 | 16.25     | 0.042   | 7         | Pass    |
| 3MHz_Middle_QPSK_1@8  | 22.92                 | 16.21     | 0.042   | 7         | Pass    |
| 3MHz_Middle_QPSK_1@14 | 22.98                 | 16.27     | 0.042   | 7         | Pass    |
| 3MHz_Middle_QPSK_8@0  | 21.78                 | 15.07     | 0.032   | 7         | Pass    |
| 3MHz_Middle_QPSK_8@4  | 21.82                 | 15.11     | 0.032   | 7         | Pass    |
| 3MHz_Middle_QPSK_8@7  | 21.77                 | 15.06     | 0.032   | 7         | Pass    |
| 3MHz_Middle_QPSK_15@0 | 21.78                 | 15.07     | 0.032   | 7         | Pass    |
| 3MHz_Middle_16QAM_1@0 | 22.73                 | 16.02     | 0.040   | 7         | Pass    |

| Mode                   | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|------------------------|-----------------------|-----------|---------|-----------|---------|
| 3MHz_Middle_16QAM_1@8  | 22.71                 | 16.00     | 0.040   | 7         | Pass    |
| 3MHz_Middle_16QAM_1@14 | 22.70                 | 15.99     | 0.040   | 7         | Pass    |
| 3MHz_Middle_16QAM_8@0  | 21.04                 | 14.33     | 0.027   | 7         | Pass    |
| 3MHz_Middle_16QAM_8@4  | 21.05                 | 14.34     | 0.027   | 7         | Pass    |
| 3MHz_Middle_16QAM_8@7  | 21.03                 | 14.32     | 0.027   | 7         | Pass    |
| 3MHz_Middle_16QAM_15@0 | 20.80                 | 14.09     | 0.026   | 7         | Pass    |
| 3MHz_High_QPSK_1@0     | 22.95                 | 16.24     | 0.042   | 7         | Pass    |
| 3MHz_High_QPSK_1@8     | 22.91                 | 16.20     | 0.042   | 7         | Pass    |
| 3MHz_High_QPSK_1@14    | 22.90                 | 16.19     | 0.042   | 7         | Pass    |
| 3MHz_High_QPSK_8@0     | 21.78                 | 15.07     | 0.032   | 7         | Pass    |
| 3MHz_High_QPSK_8@4     | 21.79                 | 15.08     | 0.032   | 7         | Pass    |
| 3MHz_High_QPSK_8@7     | 21.72                 | 15.01     | 0.032   | 7         | Pass    |
| 3MHz_High_QPSK_15@0    | 21.79                 | 15.08     | 0.032   | 7         | Pass    |
| 3MHz_High_16QAM_1@0    | 22.47                 | 15.76     | 0.038   | 7         | Pass    |
| 3MHz_High_16QAM_1@8    | 22.39                 | 15.68     | 0.037   | 7         | Pass    |
| 3MHz_High_16QAM_1@14   | 22.39                 | 15.68     | 0.037   | 7         | Pass    |
| 3MHz_High_16QAM_8@0    | 20.88                 | 14.17     | 0.026   | 7         | Pass    |
| 3MHz_High_16QAM_8@4    | 20.86                 | 14.15     | 0.026   | 7         | Pass    |
| 3MHz_High_16QAM_8@7    | 20.86                 | 14.15     | 0.026   | 7         | Pass    |
| 3MHz_High_16QAM_15@0   | 20.81                 | 14.10     | 0.026   | 7         | Pass    |
| 5MHz_Low_QPSK_1@0      | 22.51                 | 15.80     | 0.038   | 7         | Pass    |
| 5MHz_Low_QPSK_1@12     | 22.52                 | 15.81     | 0.038   | 7         | Pass    |
| 5MHz_Low_QPSK_1@24     | 22.58                 | 15.87     | 0.039   | 7         | Pass    |
| 5MHz_Low_QPSK_12@0     | 21.76                 | 15.05     | 0.032   | 7         | Pass    |
| 5MHz_Low_QPSK_12@7     | 21.73                 | 15.02     | 0.032   | 7         | Pass    |
| 5MHz_Low_QPSK_12@13    | 21.78                 | 15.07     | 0.032   | 7         | Pass    |
| 5MHz_Low_QPSK_25@0     | 21.73                 | 15.02     | 0.032   | 7         | Pass    |
| 5MHz_Low_16QAM_1@0     | 21.44                 | 14.73     | 0.030   | 7         | Pass    |
| 5MHz_Low_16QAM_1@12    | 21.46                 | 14.75     | 0.030   | 7         | Pass    |
| 5MHz_Low_16QAM_1@24    | 21.56                 | 14.85     | 0.031   | 7         | Pass    |
| 5MHz_Low_16QAM_12@0    | 20.73                 | 14.02     | 0.025   | 7         | Pass    |
| 5MHz_Low_16QAM_12@7    | 20.79                 | 14.08     | 0.026   | 7         | Pass    |
| 5MHz_Low_16QAM_12@13   | 20.79                 | 14.08     | 0.026   | 7         | Pass    |
| 5MHz_Low_16QAM_25@0    | 20.83                 | 14.12     | 0.026   | 7         | Pass    |

| Mode                    | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|-----------|---------|-----------|---------|
| 5MHz_Middle_QPSK_1@0    | 22.63                 | 15.92     | 0.039   | 7         | Pass    |
| 5MHz_Middle_QPSK_1@12   | 22.68                 | 15.97     | 0.040   | 7         | Pass    |
| 5MHz_Middle_QPSK_1@24   | 22.60                 | 15.89     | 0.039   | 7         | Pass    |
| 5MHz_Middle_QPSK_12@0   | 21.76                 | 15.05     | 0.032   | 7         | Pass    |
| 5MHz_Middle_QPSK_12@7   | 21.76                 | 15.05     | 0.032   | 7         | Pass    |
| 5MHz_Middle_QPSK_12@13  | 21.74                 | 15.03     | 0.032   | 7         | Pass    |
| 5MHz_Middle_QPSK_25@0   | 21.78                 | 15.07     | 0.032   | 7         | Pass    |
| 5MHz_Middle_16QAM_1@0   | 21.31                 | 14.60     | 0.029   | 7         | Pass    |
| 5MHz_Middle_16QAM_1@12  | 21.32                 | 14.61     | 0.029   | 7         | Pass    |
| 5MHz_Middle_16QAM_1@24  | 21.41                 | 14.70     | 0.030   | 7         | Pass    |
| 5MHz_Middle_16QAM_12@0  | 20.83                 | 14.12     | 0.026   | 7         | Pass    |
| 5MHz_Middle_16QAM_12@7  | 20.83                 | 14.12     | 0.026   | 7         | Pass    |
| 5MHz_Middle_16QAM_12@13 | 20.80                 | 14.09     | 0.026   | 7         | Pass    |
| 5MHz_Middle_16QAM_25@0  | 20.94                 | 14.23     | 0.026   | 7         | Pass    |
| 5MHz_High_QPSK_1@0      | 22.92                 | 16.21     | 0.042   | 7         | Pass    |
| 5MHz_High_QPSK_1@12     | 22.95                 | 16.24     | 0.042   | 7         | Pass    |
| 5MHz_High_QPSK_1@24     | 22.99                 | 16.28     | 0.042   | 7         | Pass    |
| 5MHz_High_QPSK_12@0     | 21.76                 | 15.05     | 0.032   | 7         | Pass    |
| 5MHz_High_QPSK_12@7     | 21.84                 | 15.13     | 0.033   | 7         | Pass    |
| 5MHz_High_QPSK_12@13    | 21.79                 | 15.08     | 0.032   | 7         | Pass    |
| 5MHz_High_QPSK_25@0     | 21.83                 | 15.12     | 0.033   | 7         | Pass    |
| 5MHz_High_16QAM_1@0     | 21.77                 | 15.06     | 0.032   | 7         | Pass    |
| 5MHz_High_16QAM_1@12    | 21.82                 | 15.11     | 0.032   | 7         | Pass    |
| 5MHz_High_16QAM_1@24    | 21.83                 | 15.12     | 0.033   | 7         | Pass    |
| 5MHz_High_16QAM_12@0    | 21.16                 | 14.45     | 0.028   | 7         | Pass    |
| 5MHz_High_16QAM_12@7    | 20.87                 | 14.16     | 0.026   | 7         | Pass    |
| 5MHz_High_16QAM_12@13   | 20.94                 | 14.23     | 0.026   | 7         | Pass    |
| 5MHz_High_16QAM_25@0    | 21.05                 | 14.34     | 0.027   | 7         | Pass    |
| 10MHz_Low_QPSK_1@0      | 22.90                 | 16.19     | 0.042   | 7         | Pass    |
| 10MHz_Low_QPSK_1@25     | 22.93                 | 16.22     | 0.042   | 7         | Pass    |
| 10MHz_Low_QPSK_1@49     | 22.99                 | 16.28     | 0.042   | 7         | Pass    |
| 10MHz_Low_QPSK_25@0     | 21.69                 | 14.98     | 0.031   | 7         | Pass    |
| 10MHz_Low_QPSK_25@12    | 21.76                 | 15.05     | 0.032   | 7         | Pass    |
| 10MHz_Low_QPSK_25@25    | 21.74                 | 15.03     | 0.032   | 7         | Pass    |

| Mode                     | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|-----------|---------|-----------|---------|
| 10MHz_Low_QPSK_50@0      | 21.80                 | 15.09     | 0.032   | 7         | Pass    |
| 10MHz_Low_16QAM_1@0      | 21.87                 | 15.16     | 0.033   | 7         | Pass    |
| 10MHz_Low_16QAM_1@25     | 21.91                 | 15.20     | 0.033   | 7         | Pass    |
| 10MHz_Low_16QAM_1@49     | 21.94                 | 15.23     | 0.033   | 7         | Pass    |
| 10MHz_Low_16QAM_25@0     | 20.90                 | 14.19     | 0.026   | 7         | Pass    |
| 10MHz_Low_16QAM_25@12    | 20.97                 | 14.26     | 0.027   | 7         | Pass    |
| 10MHz_Low_16QAM_25@25    | 20.95                 | 14.24     | 0.027   | 7         | Pass    |
| 10MHz_Low_16QAM_50@0     | 20.92                 | 14.21     | 0.026   | 7         | Pass    |
| 10MHz_Middle_QPSK_1@0    | 22.78                 | 16.07     | 0.040   | 7         | Pass    |
| 10MHz_Middle_QPSK_1@25   | 22.85                 | 16.14     | 0.041   | 7         | Pass    |
| 10MHz_Middle_QPSK_1@49   | 22.82                 | 16.11     | 0.041   | 7         | Pass    |
| 10MHz_Middle_QPSK_25@0   | 21.75                 | 15.04     | 0.032   | 7         | Pass    |
| 10MHz_Middle_QPSK_25@12  | 21.84                 | 15.13     | 0.033   | 7         | Pass    |
| 10MHz_Middle_QPSK_25@25  | 21.77                 | 15.06     | 0.032   | 7         | Pass    |
| 10MHz_Middle_QPSK_50@0   | 21.70                 | 14.99     | 0.032   | 7         | Pass    |
| 10MHz_Middle_16QAM_1@0   | 21.58                 | 14.87     | 0.031   | 7         | Pass    |
| 10MHz_Middle_16QAM_1@25  | 21.65                 | 14.94     | 0.031   | 7         | Pass    |
| 10MHz_Middle_16QAM_1@49  | 21.71                 | 15.00     | 0.032   | 7         | Pass    |
| 10MHz_Middle_16QAM_25@0  | 20.88                 | 14.17     | 0.026   | 7         | Pass    |
| 10MHz_Middle_16QAM_25@12 | 20.94                 | 14.23     | 0.026   | 7         | Pass    |
| 10MHz_Middle_16QAM_25@25 | 21.34                 | 14.63     | 0.029   | 7         | Pass    |
| 10MHz_Middle_16QAM_50@0  | 20.91                 | 14.20     | 0.026   | 7         | Pass    |
| 10MHz_High_QPSK_1@0      | 22.97                 | 16.26     | 0.042   | 7         | Pass    |
| 10MHz_High_QPSK_1@25     | 22.96                 | 16.25     | 0.042   | 7         | Pass    |
| 10MHz_High_QPSK_1@49     | 23.05                 | 16.34     | 0.043   | 7         | Pass    |
| 10MHz_High_QPSK_25@0     | 21.82                 | 15.11     | 0.032   | 7         | Pass    |
| 10MHz_High_QPSK_25@12    | 21.76                 | 15.05     | 0.032   | 7         | Pass    |
| 10MHz_High_QPSK_25@25    | 21.87                 | 15.16     | 0.033   | 7         | Pass    |
| 10MHz_High_QPSK_50@0     | 21.84                 | 15.13     | 0.033   | 7         | Pass    |
| 10MHz_High_16QAM_1@0     | 22.43                 | 15.72     | 0.037   | 7         | Pass    |
| 10MHz_High_16QAM_1@25    | 22.43                 | 15.72     | 0.037   | 7         | Pass    |
| 10MHz_High_16QAM_1@49    | 22.50                 | 15.79     | 0.038   | 7         | Pass    |
| 10MHz_High_16QAM_25@0    | 20.95                 | 14.24     | 0.027   | 7         | Pass    |
| 10MHz_High_16QAM_25@12   | 21.29                 | 14.58     | 0.029   | 7         | Pass    |

| Mode                   | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|------------------------|-----------------------|-----------|---------|-----------|---------|
| 10MHz_High_16QAM_25@25 | 21.01                 | 14.30     | 0.027   | 7         | Pass    |
| 10MHz_High_16QAM_50@0  | 21.20                 | 14.49     | 0.028   | 7         | Pass    |

**Note:**

**ERP = Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)**

**Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15**

**Band 5:**

**1.Antenna Gain = -3.56dBi;**

**2.Cable Loss = 1dB.**

FCC Part 24E

LTE Band 2, Normal

| Mode                    | Conducted Power<br>(dBm) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W) | Verdict |
|-------------------------|--------------------------|---------------|-------------|--------------|---------|
| 1.4MHz_Low_QPSK_1@0     | 23.29                    | 22.90         | 0.195       | 2            | Pass    |
| 1.4MHz_Low_QPSK_1@3     | 23.30                    | 22.91         | 0.195       | 2            | Pass    |
| 1.4MHz_Low_QPSK_1@5     | 23.29                    | 22.90         | 0.195       | 2            | Pass    |
| 1.4MHz_Low_QPSK_3@0     | 23.21                    | 22.82         | 0.191       | 2            | Pass    |
| 1.4MHz_Low_QPSK_3@1     | 23.24                    | 22.85         | 0.193       | 2            | Pass    |
| 1.4MHz_Low_QPSK_3@3     | 23.16                    | 22.77         | 0.189       | 2            | Pass    |
| 1.4MHz_Low_QPSK_6@0     | 22.11                    | 21.72         | 0.149       | 2            | Pass    |
| 1.4MHz_Low_16QAM_1@0    | 22.86                    | 22.47         | 0.177       | 2            | Pass    |
| 1.4MHz_Low_16QAM_1@3    | 22.93                    | 22.54         | 0.179       | 2            | Pass    |
| 1.4MHz_Low_16QAM_1@5    | 22.93                    | 22.54         | 0.179       | 2            | Pass    |
| 1.4MHz_Low_16QAM_3@0    | 22.40                    | 22.01         | 0.159       | 2            | Pass    |
| 1.4MHz_Low_16QAM_3@1    | 22.33                    | 21.94         | 0.156       | 2            | Pass    |
| 1.4MHz_Low_16QAM_3@3    | 22.43                    | 22.04         | 0.160       | 2            | Pass    |
| 1.4MHz_Low_16QAM_6@0    | 21.31                    | 20.92         | 0.124       | 2            | Pass    |
| 1.4MHz_Middle_QPSK_1@0  | 23.38                    | 22.99         | 0.199       | 2            | Pass    |
| 1.4MHz_Middle_QPSK_1@3  | 23.33                    | 22.94         | 0.197       | 2            | Pass    |
| 1.4MHz_Middle_QPSK_1@5  | 23.42                    | 23.03         | 0.201       | 2            | Pass    |
| 1.4MHz_Middle_QPSK_3@0  | 23.21                    | 22.82         | 0.191       | 2            | Pass    |
| 1.4MHz_Middle_QPSK_3@1  | 23.24                    | 22.85         | 0.193       | 2            | Pass    |
| 1.4MHz_Middle_QPSK_3@3  | 23.15                    | 22.76         | 0.189       | 2            | Pass    |
| 1.4MHz_Middle_QPSK_6@0  | 22.20                    | 21.81         | 0.152       | 2            | Pass    |
| 1.4MHz_Middle_16QAM_1@0 | 22.49                    | 22.10         | 0.162       | 2            | Pass    |
| 1.4MHz_Middle_16QAM_1@3 | 22.46                    | 22.07         | 0.161       | 2            | Pass    |
| 1.4MHz_Middle_16QAM_1@5 | 22.47                    | 22.08         | 0.161       | 2            | Pass    |
| 1.4MHz_Middle_16QAM_3@0 | 22.27                    | 21.88         | 0.154       | 2            | Pass    |
| 1.4MHz_Middle_16QAM_3@1 | 22.28                    | 21.89         | 0.155       | 2            | Pass    |
| 1.4MHz_Middle_16QAM_3@3 | 22.33                    | 21.94         | 0.156       | 2            | Pass    |
| 1.4MHz_Middle_16QAM_6@0 | 20.94                    | 20.55         | 0.114       | 2            | Pass    |
| 1.4MHz_High_QPSK_1@0    | 23.15                    | 22.76         | 0.189       | 2            | Pass    |
| 1.4MHz_High_QPSK_1@3    | 23.13                    | 22.74         | 0.188       | 2            | Pass    |



| Mode                  | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------------------|-----------------------|------------|----------|-----------|---------|
| 1.4MHz_High_QPSK_1@5  | 23.20                 | 22.81      | 0.191    | 2         | Pass    |
| 1.4MHz_High_QPSK_3@0  | 23.06                 | 22.67      | 0.185    | 2         | Pass    |
| 1.4MHz_High_QPSK_3@1  | 23.04                 | 22.65      | 0.184    | 2         | Pass    |
| 1.4MHz_High_QPSK_3@3  | 23.04                 | 22.65      | 0.184    | 2         | Pass    |
| 1.4MHz_High_QPSK_6@0  | 22                    | 21.61      | 0.145    | 2         | Pass    |
| 1.4MHz_High_16QAM_1@0 | 22.84                 | 22.45      | 0.176    | 2         | Pass    |
| 1.4MHz_High_16QAM_1@3 | 22.71                 | 22.32      | 0.171    | 2         | Pass    |
| 1.4MHz_High_16QAM_1@5 | 22.82                 | 22.43      | 0.175    | 2         | Pass    |
| 1.4MHz_High_16QAM_3@0 | 22.32                 | 21.93      | 0.156    | 2         | Pass    |
| 1.4MHz_High_16QAM_3@1 | 22.41                 | 22.02      | 0.159    | 2         | Pass    |
| 1.4MHz_High_16QAM_3@3 | 22.40                 | 22.01      | 0.159    | 2         | Pass    |
| 1.4MHz_High_16QAM_6@0 | 21.30                 | 20.91      | 0.123    | 2         | Pass    |
| 3MHz_Low_QPSK_1@0     | 23.29                 | 22.90      | 0.195    | 2         | Pass    |
| 3MHz_Low_QPSK_1@8     | 23.28                 | 22.89      | 0.195    | 2         | Pass    |
| 3MHz_Low_QPSK_1@14    | 23.38                 | 22.99      | 0.199    | 2         | Pass    |
| 3MHz_Low_QPSK_8@0     | 22.07                 | 21.68      | 0.147    | 2         | Pass    |
| 3MHz_Low_QPSK_8@4     | 22.14                 | 21.75      | 0.150    | 2         | Pass    |
| 3MHz_Low_QPSK_8@7     | 22.10                 | 21.71      | 0.148    | 2         | Pass    |
| 3MHz_Low_QPSK_15@0    | 22.11                 | 21.72      | 0.149    | 2         | Pass    |
| 3MHz_Low_16QAM_1@0    | 22.44                 | 22.05      | 0.160    | 2         | Pass    |
| 3MHz_Low_16QAM_1@8    | 22.44                 | 22.05      | 0.160    | 2         | Pass    |
| 3MHz_Low_16QAM_1@14   | 22.46                 | 22.07      | 0.161    | 2         | Pass    |
| 3MHz_Low_16QAM_8@0    | 21.39                 | 21.00      | 0.126    | 2         | Pass    |
| 3MHz_Low_16QAM_8@4    | 21.45                 | 21.06      | 0.128    | 2         | Pass    |
| 3MHz_Low_16QAM_8@7    | 21.41                 | 21.02      | 0.126    | 2         | Pass    |
| 3MHz_Low_16QAM_15@0   | 21.32                 | 20.93      | 0.124    | 2         | Pass    |
| 3MHz_Middle_QPSK_1@0  | 23.18                 | 22.79      | 0.190    | 2         | Pass    |
| 3MHz_Middle_QPSK_1@8  | 23.18                 | 22.79      | 0.190    | 2         | Pass    |
| 3MHz_Middle_QPSK_1@14 | 23.18                 | 22.79      | 0.190    | 2         | Pass    |
| 3MHz_Middle_QPSK_8@0  | 22.06                 | 21.67      | 0.147    | 2         | Pass    |
| 3MHz_Middle_QPSK_8@4  | 22.08                 | 21.69      | 0.148    | 2         | Pass    |
| 3MHz_Middle_QPSK_8@7  | 22.21                 | 21.82      | 0.152    | 2         | Pass    |
| 3MHz_Middle_QPSK_15@0 | 22.06                 | 21.67      | 0.147    | 2         | Pass    |
| 3MHz_Middle_16QAM_1@0 | 21.86                 | 21.47      | 0.140    | 2         | Pass    |

| Mode                   | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|------------------------|-----------------------|------------|----------|-----------|---------|
| 3MHz_Middle_16QAM_1@8  | 21.81                 | 21.42      | 0.139    | 2         | Pass    |
| 3MHz_Middle_16QAM_1@14 | 21.83                 | 21.44      | 0.139    | 2         | Pass    |
| 3MHz_Middle_16QAM_8@0  | 21.19                 | 20.80      | 0.120    | 2         | Pass    |
| 3MHz_Middle_16QAM_8@4  | 21.23                 | 20.84      | 0.121    | 2         | Pass    |
| 3MHz_Middle_16QAM_8@7  | 21.19                 | 20.80      | 0.120    | 2         | Pass    |
| 3MHz_Middle_16QAM_15@0 | 21.27                 | 20.88      | 0.122    | 2         | Pass    |
| 3MHz_High_QPSK_1@0     | 23.29                 | 22.90      | 0.195    | 2         | Pass    |
| 3MHz_High_QPSK_1@8     | 23.34                 | 22.95      | 0.197    | 2         | Pass    |
| 3MHz_High_QPSK_1@14    | 23.28                 | 22.89      | 0.195    | 2         | Pass    |
| 3MHz_High_QPSK_8@0     | 22.14                 | 21.75      | 0.150    | 2         | Pass    |
| 3MHz_High_QPSK_8@4     | 22.06                 | 21.67      | 0.147    | 2         | Pass    |
| 3MHz_High_QPSK_8@7     | 21.98                 | 21.59      | 0.144    | 2         | Pass    |
| 3MHz_High_QPSK_15@0    | 22.05                 | 21.66      | 0.147    | 2         | Pass    |
| 3MHz_High_16QAM_1@0    | 22.79                 | 22.40      | 0.174    | 2         | Pass    |
| 3MHz_High_16QAM_1@8    | 22.77                 | 22.38      | 0.173    | 2         | Pass    |
| 3MHz_High_16QAM_1@14   | 22.83                 | 22.44      | 0.175    | 2         | Pass    |
| 3MHz_High_16QAM_8@0    | 21.03                 | 20.64      | 0.116    | 2         | Pass    |
| 3MHz_High_16QAM_8@4    | 21.13                 | 20.74      | 0.119    | 2         | Pass    |
| 3MHz_High_16QAM_8@7    | 21.07                 | 20.68      | 0.117    | 2         | Pass    |
| 3MHz_High_16QAM_15@0   | 21.32                 | 20.93      | 0.124    | 2         | Pass    |
| 5MHz_Low_QPSK_1@0      | 23.23                 | 22.84      | 0.192    | 2         | Pass    |
| 5MHz_Low_QPSK_1@12     | 23.20                 | 22.81      | 0.191    | 2         | Pass    |
| 5MHz_Low_QPSK_1@24     | 23.24                 | 22.85      | 0.193    | 2         | Pass    |
| 5MHz_Low_QPSK_12@0     | 22.12                 | 21.73      | 0.149    | 2         | Pass    |
| 5MHz_Low_QPSK_12@7     | 22.10                 | 21.71      | 0.148    | 2         | Pass    |
| 5MHz_Low_QPSK_12@13    | 22.07                 | 21.68      | 0.147    | 2         | Pass    |
| 5MHz_Low_QPSK_25@0     | 22.22                 | 21.83      | 0.152    | 2         | Pass    |
| 5MHz_Low_16QAM_1@0     | 21.96                 | 21.57      | 0.144    | 2         | Pass    |
| 5MHz_Low_16QAM_1@12    | 21.94                 | 21.55      | 0.143    | 2         | Pass    |
| 5MHz_Low_16QAM_1@24    | 22.06                 | 21.67      | 0.147    | 2         | Pass    |
| 5MHz_Low_16QAM_12@0    | 21.29                 | 20.90      | 0.123    | 2         | Pass    |
| 5MHz_Low_16QAM_12@7    | 21.20                 | 20.81      | 0.121    | 2         | Pass    |
| 5MHz_Low_16QAM_12@13   | 21.25                 | 20.86      | 0.122    | 2         | Pass    |
| 5MHz_Low_16QAM_25@0    | 21.26                 | 20.87      | 0.122    | 2         | Pass    |

| Mode                    | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|------------|----------|-----------|---------|
| 5MHz_Middle_QPSK_1@0    | 23.33                 | 22.94      | 0.197    | 2         | Pass    |
| 5MHz_Middle_QPSK_1@12   | 23.28                 | 22.89      | 0.195    | 2         | Pass    |
| 5MHz_Middle_QPSK_1@24   | 23.30                 | 22.91      | 0.195    | 2         | Pass    |
| 5MHz_Middle_QPSK_12@0   | 22.14                 | 21.75      | 0.150    | 2         | Pass    |
| 5MHz_Middle_QPSK_12@7   | 22.14                 | 21.75      | 0.150    | 2         | Pass    |
| 5MHz_Middle_QPSK_12@13  | 22.11                 | 21.72      | 0.149    | 2         | Pass    |
| 5MHz_Middle_QPSK_25@0   | 22.15                 | 21.76      | 0.150    | 2         | Pass    |
| 5MHz_Middle_16QAM_1@0   | 22.21                 | 21.82      | 0.152    | 2         | Pass    |
| 5MHz_Middle_16QAM_1@12  | 22.25                 | 21.86      | 0.153    | 2         | Pass    |
| 5MHz_Middle_16QAM_1@24  | 22.24                 | 21.85      | 0.153    | 2         | Pass    |
| 5MHz_Middle_16QAM_12@0  | 21.26                 | 20.87      | 0.122    | 2         | Pass    |
| 5MHz_Middle_16QAM_12@7  | 21.30                 | 20.91      | 0.123    | 2         | Pass    |
| 5MHz_Middle_16QAM_12@13 | 21.26                 | 20.87      | 0.122    | 2         | Pass    |
| 5MHz_Middle_16QAM_25@0  | 21.50                 | 21.11      | 0.129    | 2         | Pass    |
| 5MHz_High_QPSK_1@0      | 22.92                 | 22.53      | 0.179    | 2         | Pass    |
| 5MHz_High_QPSK_1@12     | 22.92                 | 22.53      | 0.179    | 2         | Pass    |
| 5MHz_High_QPSK_1@24     | 22.97                 | 22.58      | 0.181    | 2         | Pass    |
| 5MHz_High_QPSK_12@0     | 22.09                 | 21.70      | 0.148    | 2         | Pass    |
| 5MHz_High_QPSK_12@7     | 22.08                 | 21.69      | 0.148    | 2         | Pass    |
| 5MHz_High_QPSK_12@13    | 22.17                 | 21.78      | 0.151    | 2         | Pass    |
| 5MHz_High_QPSK_25@0     | 22.01                 | 21.62      | 0.145    | 2         | Pass    |
| 5MHz_High_16QAM_1@0     | 21.94                 | 21.55      | 0.143    | 2         | Pass    |
| 5MHz_High_16QAM_1@12    | 21.89                 | 21.50      | 0.141    | 2         | Pass    |
| 5MHz_High_16QAM_1@24    | 21.93                 | 21.54      | 0.143    | 2         | Pass    |
| 5MHz_High_16QAM_12@0    | 21.26                 | 20.87      | 0.122    | 2         | Pass    |
| 5MHz_High_16QAM_12@7    | 21.22                 | 20.83      | 0.121    | 2         | Pass    |
| 5MHz_High_16QAM_12@13   | 21.17                 | 20.78      | 0.120    | 2         | Pass    |
| 5MHz_High_16QAM_25@0    | 21.23                 | 20.84      | 0.121    | 2         | Pass    |
| 10MHz_Low_QPSK_1@0      | 23.40                 | 23.01      | 0.200    | 2         | Pass    |
| 10MHz_Low_QPSK_1@25     | 23.43                 | 23.04      | 0.201    | 2         | Pass    |
| 10MHz_Low_QPSK_1@49     | 23.51                 | 23.12      | 0.205    | 2         | Pass    |
| 10MHz_Low_QPSK_25@0     | 22.19                 | 21.80      | 0.151    | 2         | Pass    |
| 10MHz_Low_QPSK_25@12    | 22.27                 | 21.88      | 0.154    | 2         | Pass    |
| 10MHz_Low_QPSK_25@25    | 22.21                 | 21.82      | 0.152    | 2         | Pass    |

| Mode                     | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|------------|----------|-----------|---------|
| 10MHz_Low_QPSK_50@0      | 22.25                 | 21.86      | 0.153    | 2         | Pass    |
| 10MHz_Low_16QAM_1@0      | 22.80                 | 22.41      | 0.174    | 2         | Pass    |
| 10MHz_Low_16QAM_1@25     | 22.90                 | 22.51      | 0.178    | 2         | Pass    |
| 10MHz_Low_16QAM_1@49     | 22.97                 | 22.58      | 0.181    | 2         | Pass    |
| 10MHz_Low_16QAM_25@0     | 21.27                 | 20.88      | 0.122    | 2         | Pass    |
| 10MHz_Low_16QAM_25@12    | 21.30                 | 20.91      | 0.123    | 2         | Pass    |
| 10MHz_Low_16QAM_25@25    | 21.26                 | 20.87      | 0.122    | 2         | Pass    |
| 10MHz_Low_16QAM_50@0     | 21.27                 | 20.88      | 0.122    | 2         | Pass    |
| 10MHz_Middle_QPSK_1@0    | 23.38                 | 22.99      | 0.199    | 2         | Pass    |
| 10MHz_Middle_QPSK_1@25   | 23.34                 | 22.95      | 0.197    | 2         | Pass    |
| 10MHz_Middle_QPSK_1@49   | 23.32                 | 22.93      | 0.196    | 2         | Pass    |
| 10MHz_Middle_QPSK_25@0   | 22.08                 | 21.69      | 0.148    | 2         | Pass    |
| 10MHz_Middle_QPSK_25@12  | 22.19                 | 21.80      | 0.151    | 2         | Pass    |
| 10MHz_Middle_QPSK_25@25  | 22.24                 | 21.85      | 0.153    | 2         | Pass    |
| 10MHz_Middle_QPSK_50@0   | 22.17                 | 21.78      | 0.151    | 2         | Pass    |
| 10MHz_Middle_16QAM_1@0   | 22.48                 | 22.09      | 0.162    | 2         | Pass    |
| 10MHz_Middle_16QAM_1@25  | 22.44                 | 22.05      | 0.160    | 2         | Pass    |
| 10MHz_Middle_16QAM_1@49  | 22.46                 | 22.07      | 0.161    | 2         | Pass    |
| 10MHz_Middle_16QAM_25@0  | 21.43                 | 21.04      | 0.127    | 2         | Pass    |
| 10MHz_Middle_16QAM_25@12 | 21.35                 | 20.96      | 0.125    | 2         | Pass    |
| 10MHz_Middle_16QAM_25@25 | 21.42                 | 21.03      | 0.127    | 2         | Pass    |
| 10MHz_Middle_16QAM_50@0  | 21.33                 | 20.94      | 0.124    | 2         | Pass    |
| 10MHz_High_QPSK_1@0      | 23.16                 | 22.77      | 0.189    | 2         | Pass    |
| 10MHz_High_QPSK_1@25     | 23.17                 | 22.78      | 0.190    | 2         | Pass    |
| 10MHz_High_QPSK_1@49     | 23.12                 | 22.73      | 0.187    | 2         | Pass    |
| 10MHz_High_QPSK_25@0     | 22.12                 | 21.73      | 0.149    | 2         | Pass    |
| 10MHz_High_QPSK_25@12    | 22.21                 | 21.82      | 0.152    | 2         | Pass    |
| 10MHz_High_QPSK_25@25    | 22.04                 | 21.65      | 0.146    | 2         | Pass    |
| 10MHz_High_QPSK_50@0     | 22.18                 | 21.79      | 0.151    | 2         | Pass    |
| 10MHz_High_16QAM_1@0     | 22.13                 | 21.74      | 0.149    | 2         | Pass    |
| 10MHz_High_16QAM_1@25    | 22.11                 | 21.72      | 0.149    | 2         | Pass    |
| 10MHz_High_16QAM_1@49    | 22.06                 | 21.67      | 0.147    | 2         | Pass    |
| 10MHz_High_16QAM_25@0    | 21.34                 | 20.95      | 0.124    | 2         | Pass    |
| 10MHz_High_16QAM_25@12   | 21.35                 | 20.96      | 0.125    | 2         | Pass    |

| Mode                     | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|------------|----------|-----------|---------|
| 10MHz_High_16QAM_25@25   | 21.28                 | 20.89      | 0.123    | 2         | Pass    |
| 10MHz_High_16QAM_50@0    | 21.31                 | 20.92      | 0.124    | 2         | Pass    |
| 15MHz_Low_QPSK_1@0       | 23.32                 | 22.93      | 0.196    | 2         | Pass    |
| 15MHz_Low_QPSK_1@37      | 23.42                 | 23.03      | 0.201    | 2         | Pass    |
| 15MHz_Low_QPSK_1@74      | 23.42                 | 23.03      | 0.201    | 2         | Pass    |
| 15MHz_Low_QPSK_36@0      | 22.16                 | 21.77      | 0.150    | 2         | Pass    |
| 15MHz_Low_QPSK_36@20     | 22.27                 | 21.88      | 0.154    | 2         | Pass    |
| 15MHz_Low_QPSK_36@39     | 22.19                 | 21.80      | 0.151    | 2         | Pass    |
| 15MHz_Low_QPSK_75@0      | 22.15                 | 21.76      | 0.150    | 2         | Pass    |
| 15MHz_Low_16QAM_1@0      | 22.44                 | 22.05      | 0.160    | 2         | Pass    |
| 15MHz_Low_16QAM_1@37     | 22.45                 | 22.06      | 0.161    | 2         | Pass    |
| 15MHz_Low_16QAM_1@74     | 22.51                 | 22.12      | 0.163    | 2         | Pass    |
| 15MHz_Low_16QAM_36@0     | 21.34                 | 20.95      | 0.124    | 2         | Pass    |
| 15MHz_Low_16QAM_36@20    | 21.34                 | 20.95      | 0.124    | 2         | Pass    |
| 15MHz_Low_16QAM_36@39    | 21.43                 | 21.04      | 0.127    | 2         | Pass    |
| 15MHz_Low_16QAM_75@0     | 21.32                 | 20.93      | 0.124    | 2         | Pass    |
| 15MHz_Middle_QPSK_1@0    | 22.90                 | 22.51      | 0.178    | 2         | Pass    |
| 15MHz_Middle_QPSK_1@37   | 23.18                 | 22.79      | 0.190    | 2         | Pass    |
| 15MHz_Middle_QPSK_1@74   | 23.29                 | 22.90      | 0.195    | 2         | Pass    |
| 15MHz_Middle_QPSK_36@0   | 22.09                 | 21.70      | 0.148    | 2         | Pass    |
| 15MHz_Middle_QPSK_36@20  | 22.21                 | 21.82      | 0.152    | 2         | Pass    |
| 15MHz_Middle_QPSK_36@39  | 22.12                 | 21.73      | 0.149    | 2         | Pass    |
| 15MHz_Middle_QPSK_75@0   | 22.05                 | 21.66      | 0.147    | 2         | Pass    |
| 15MHz_Middle_16QAM_1@0   | 22.79                 | 22.40      | 0.174    | 2         | Pass    |
| 15MHz_Middle_16QAM_1@37  | 22.70                 | 22.31      | 0.170    | 2         | Pass    |
| 15MHz_Middle_16QAM_1@74  | 22.82                 | 22.43      | 0.175    | 2         | Pass    |
| 15MHz_Middle_16QAM_36@0  | 21.35                 | 20.96      | 0.125    | 2         | Pass    |
| 15MHz_Middle_16QAM_36@20 | 21.37                 | 20.98      | 0.125    | 2         | Pass    |
| 15MHz_Middle_16QAM_36@39 | 21.38                 | 20.99      | 0.126    | 2         | Pass    |
| 15MHz_Middle_16QAM_75@0  | 21.34                 | 20.95      | 0.124    | 2         | Pass    |
| 15MHz_High_QPSK_1@0      | 23.36                 | 22.97      | 0.198    | 2         | Pass    |
| 15MHz_High_QPSK_1@37     | 23.30                 | 22.91      | 0.195    | 2         | Pass    |
| 15MHz_High_QPSK_1@74     | 23.30                 | 22.91      | 0.195    | 2         | Pass    |
| 15MHz_High_QPSK_36@0     | 22.13                 | 21.74      | 0.149    | 2         | Pass    |

| Mode                    | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|------------|----------|-----------|---------|
| 15MHz_High_QPSK_36@20   | 22.04                 | 21.65      | 0.146    | 2         | Pass    |
| 15MHz_High_QPSK_36@39   | 22.07                 | 21.68      | 0.147    | 2         | Pass    |
| 15MHz_High_QPSK_75@0    | 22.13                 | 21.74      | 0.149    | 2         | Pass    |
| 15MHz_High_16QAM_1@0    | 22.90                 | 22.51      | 0.178    | 2         | Pass    |
| 15MHz_High_16QAM_1@37   | 22.81                 | 22.42      | 0.175    | 2         | Pass    |
| 15MHz_High_16QAM_1@74   | 22.87                 | 22.48      | 0.177    | 2         | Pass    |
| 15MHz_High_16QAM_36@0   | 21.21                 | 20.82      | 0.121    | 2         | Pass    |
| 15MHz_High_16QAM_36@20  | 21.23                 | 20.84      | 0.121    | 2         | Pass    |
| 15MHz_High_16QAM_36@39  | 21.24                 | 20.85      | 0.122    | 2         | Pass    |
| 15MHz_High_16QAM_75@0   | 21.30                 | 20.91      | 0.123    | 2         | Pass    |
| 20MHz_Low_QPSK_1@0      | 23.28                 | 22.89      | 0.195    | 2         | Pass    |
| 20MHz_Low_QPSK_1@49     | 23.46                 | 23.07      | 0.203    | 2         | Pass    |
| 20MHz_Low_QPSK_1@99     | 23.44                 | 23.05      | 0.202    | 2         | Pass    |
| 20MHz_Low_QPSK_50@0     | 22.27                 | 21.88      | 0.154    | 2         | Pass    |
| 20MHz_Low_QPSK_50@24    | 22.24                 | 21.85      | 0.153    | 2         | Pass    |
| 20MHz_Low_QPSK_50@50    | 22.35                 | 21.96      | 0.157    | 2         | Pass    |
| 20MHz_Low_QPSK_100@0    | 22.29                 | 21.90      | 0.155    | 2         | Pass    |
| 20MHz_Low_16QAM_1@0     | 22.24                 | 21.85      | 0.153    | 2         | Pass    |
| 20MHz_Low_16QAM_1@49    | 22.29                 | 21.90      | 0.155    | 2         | Pass    |
| 20MHz_Low_16QAM_1@99    | 22.31                 | 21.92      | 0.156    | 2         | Pass    |
| 20MHz_Low_16QAM_50@0    | 21.39                 | 21.00      | 0.126    | 2         | Pass    |
| 20MHz_Low_16QAM_50@24   | 21.41                 | 21.02      | 0.126    | 2         | Pass    |
| 20MHz_Low_16QAM_50@50   | 21.49                 | 21.10      | 0.129    | 2         | Pass    |
| 20MHz_Low_16QAM_100@0   | 21.27                 | 20.88      | 0.122    | 2         | Pass    |
| 20MHz_Middle_QPSK_1@0   | 23.32                 | 22.93      | 0.196    | 2         | Pass    |
| 20MHz_Middle_QPSK_1@49  | 23.25                 | 22.86      | 0.193    | 2         | Pass    |
| 20MHz_Middle_QPSK_1@99  | 23.37                 | 22.98      | 0.199    | 2         | Pass    |
| 20MHz_Middle_QPSK_50@0  | 22.21                 | 21.82      | 0.152    | 2         | Pass    |
| 20MHz_Middle_QPSK_50@24 | 22.18                 | 21.79      | 0.151    | 2         | Pass    |
| 20MHz_Middle_QPSK_50@50 | 22.11                 | 21.72      | 0.149    | 2         | Pass    |
| 20MHz_Middle_QPSK_100@0 | 22.14                 | 21.75      | 0.150    | 2         | Pass    |
| 20MHz_Middle_16QAM_1@0  | 21.92                 | 21.53      | 0.142    | 2         | Pass    |
| 20MHz_Middle_16QAM_1@49 | 21.84                 | 21.45      | 0.140    | 2         | Pass    |
| 20MHz_Middle_16QAM_1@99 | 21.95                 | 21.56      | 0.143    | 2         | Pass    |

| Mode                     | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|------------|----------|-----------|---------|
| 20MHz_Middle_16QAM_50@0  | 21.25                 | 20.86      | 0.122    | 2         | Pass    |
| 20MHz_Middle_16QAM_50@24 | 21.36                 | 20.97      | 0.125    | 2         | Pass    |
| 20MHz_Middle_16QAM_50@50 | 21.34                 | 20.95      | 0.124    | 2         | Pass    |
| 20MHz_Middle_16QAM_100@0 | 21.27                 | 20.88      | 0.122    | 2         | Pass    |
| 20MHz_High_QPSK_1@0      | 23.16                 | 22.77      | 0.189    | 2         | Pass    |
| 20MHz_High_QPSK_1@49     | 23.19                 | 22.80      | 0.191    | 2         | Pass    |
| 20MHz_High_QPSK_1@99     | 23.27                 | 22.88      | 0.194    | 2         | Pass    |
| 20MHz_High_QPSK_50@0     | 22.07                 | 21.68      | 0.147    | 2         | Pass    |
| 20MHz_High_QPSK_50@24    | 22.19                 | 21.80      | 0.151    | 2         | Pass    |
| 20MHz_High_QPSK_50@50    | 22.20                 | 21.81      | 0.152    | 2         | Pass    |
| 20MHz_High_QPSK_100@0    | 22.23                 | 21.84      | 0.153    | 2         | Pass    |
| 20MHz_High_16QAM_1@0     | 22.48                 | 22.09      | 0.162    | 2         | Pass    |
| 20MHz_High_16QAM_1@49    | 22.48                 | 22.09      | 0.162    | 2         | Pass    |
| 20MHz_High_16QAM_1@99    | 22.55                 | 22.16      | 0.164    | 2         | Pass    |
| 20MHz_High_16QAM_50@0    | 21.23                 | 20.84      | 0.121    | 2         | Pass    |
| 20MHz_High_16QAM_50@24   | 21.18                 | 20.79      | 0.120    | 2         | Pass    |
| 20MHz_High_16QAM_50@50   | 21.26                 | 20.87      | 0.122    | 2         | Pass    |
| 20MHz_High_16QAM_100@0   | 21.26                 | 20.87      | 0.122    | 2         | Pass    |

**Note:**

**EIRP = Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)**

**Band 2:**

**1.Antenna Gain = 0.61dBi;**

**2.Cable Loss = 1dB.**



## FCC Part 27

## LTE Band 4, Normal

| Mode                    | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|------------|----------|-----------|---------|
| 1.4MHz_Low_QPSK_1@0     | 22.47                 | 19.60      | 0.091    | 1         | Pass    |
| 1.4MHz_Low_QPSK_1@3     | 22.47                 | 19.60      | 0.091    | 1         | Pass    |
| 1.4MHz_Low_QPSK_1@5     | 22.44                 | 19.57      | 0.091    | 1         | Pass    |
| 1.4MHz_Low_QPSK_3@0     | 22.25                 | 19.38      | 0.087    | 1         | Pass    |
| 1.4MHz_Low_QPSK_3@1     | 22.30                 | 19.43      | 0.088    | 1         | Pass    |
| 1.4MHz_Low_QPSK_3@3     | 22.33                 | 19.46      | 0.088    | 1         | Pass    |
| 1.4MHz_Low_QPSK_6@0     | 21.18                 | 18.31      | 0.068    | 1         | Pass    |
| 1.4MHz_Low_16QAM_1@0    | 21.50                 | 18.63      | 0.073    | 1         | Pass    |
| 1.4MHz_Low_16QAM_1@3    | 21.45                 | 18.58      | 0.072    | 1         | Pass    |
| 1.4MHz_Low_16QAM_1@5    | 21.45                 | 18.58      | 0.072    | 1         | Pass    |
| 1.4MHz_Low_16QAM_3@0    | 21.33                 | 18.46      | 0.070    | 1         | Pass    |
| 1.4MHz_Low_16QAM_3@1    | 21.35                 | 18.48      | 0.070    | 1         | Pass    |
| 1.4MHz_Low_16QAM_3@3    | 21.40                 | 18.53      | 0.071    | 1         | Pass    |
| 1.4MHz_Low_16QAM_6@0    | 20.27                 | 17.40      | 0.055    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_1@0  | 22.50                 | 19.63      | 0.092    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_1@3  | 22.48                 | 19.61      | 0.091    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_1@5  | 22.49                 | 19.62      | 0.092    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_3@0  | 22.37                 | 19.50      | 0.089    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_3@1  | 22.31                 | 19.44      | 0.088    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_3@3  | 22.30                 | 19.43      | 0.088    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_6@0  | 21.32                 | 18.45      | 0.070    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_1@0 | 21.48                 | 18.61      | 0.073    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_1@3 | 21.47                 | 18.60      | 0.072    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_1@5 | 21.44                 | 18.57      | 0.072    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_3@0 | 21.82                 | 18.95      | 0.079    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_3@1 | 21.74                 | 18.87      | 0.077    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_3@3 | 21.73                 | 18.86      | 0.077    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_6@0 | 20.68                 | 17.81      | 0.060    | 1         | Pass    |
| 1.4MHz_High_QPSK_1@0    | 22.25                 | 19.38      | 0.087    | 1         | Pass    |
| 1.4MHz_High_QPSK_1@3    | 22.29                 | 19.42      | 0.087    | 1         | Pass    |



| Mode                  | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------------------|-----------------------|------------|----------|-----------|---------|
| 1.4MHz_High_QPSK_1@5  | 22.24                 | 19.37      | 0.086    | 1         | Pass    |
| 1.4MHz_High_QPSK_3@0  | 22.34                 | 19.47      | 0.089    | 1         | Pass    |
| 1.4MHz_High_QPSK_3@1  | 22.38                 | 19.51      | 0.089    | 1         | Pass    |
| 1.4MHz_High_QPSK_3@3  | 22.32                 | 19.45      | 0.088    | 1         | Pass    |
| 1.4MHz_High_QPSK_6@0  | 21.38                 | 18.51      | 0.071    | 1         | Pass    |
| 1.4MHz_High_16QAM_1@0 | 21.80                 | 18.93      | 0.078    | 1         | Pass    |
| 1.4MHz_High_16QAM_1@3 | 21.77                 | 18.90      | 0.078    | 1         | Pass    |
| 1.4MHz_High_16QAM_1@5 | 21.75                 | 18.88      | 0.077    | 1         | Pass    |
| 1.4MHz_High_16QAM_3@0 | 21.34                 | 18.47      | 0.070    | 1         | Pass    |
| 1.4MHz_High_16QAM_3@1 | 21.35                 | 18.48      | 0.070    | 1         | Pass    |
| 1.4MHz_High_16QAM_3@3 | 21.36                 | 18.49      | 0.071    | 1         | Pass    |
| 1.4MHz_High_16QAM_6@0 | 20.36                 | 17.49      | 0.056    | 1         | Pass    |
| 3MHz_Low_QPSK_1@0     | 22.49                 | 19.62      | 0.092    | 1         | Pass    |
| 3MHz_Low_QPSK_1@8     | 22.48                 | 19.61      | 0.091    | 1         | Pass    |
| 3MHz_Low_QPSK_1@14    | 22.51                 | 19.64      | 0.092    | 1         | Pass    |
| 3MHz_Low_QPSK_8@0     | 21.23                 | 18.36      | 0.069    | 1         | Pass    |
| 3MHz_Low_QPSK_8@4     | 21.23                 | 18.36      | 0.069    | 1         | Pass    |
| 3MHz_Low_QPSK_8@7     | 21.17                 | 18.30      | 0.068    | 1         | Pass    |
| 3MHz_Low_QPSK_15@0    | 21.22                 | 18.35      | 0.068    | 1         | Pass    |
| 3MHz_Low_16QAM_1@0    | 21.90                 | 19.03      | 0.080    | 1         | Pass    |
| 3MHz_Low_16QAM_1@8    | 21.92                 | 19.05      | 0.080    | 1         | Pass    |
| 3MHz_Low_16QAM_1@14   | 21.96                 | 19.09      | 0.081    | 1         | Pass    |
| 3MHz_Low_16QAM_8@0    | 20.23                 | 17.36      | 0.054    | 1         | Pass    |
| 3MHz_Low_16QAM_8@4    | 20.25                 | 17.38      | 0.055    | 1         | Pass    |
| 3MHz_Low_16QAM_8@7    | 20.28                 | 17.41      | 0.055    | 1         | Pass    |
| 3MHz_Low_16QAM_15@0   | 20.38                 | 17.51      | 0.056    | 1         | Pass    |
| 3MHz_Middle_QPSK_1@0  | 22.54                 | 19.67      | 0.093    | 1         | Pass    |
| 3MHz_Middle_QPSK_1@8  | 22.55                 | 19.68      | 0.093    | 1         | Pass    |
| 3MHz_Middle_QPSK_1@14 | 22.53                 | 19.66      | 0.092    | 1         | Pass    |
| 3MHz_Middle_QPSK_8@0  | 21.29                 | 18.42      | 0.070    | 1         | Pass    |
| 3MHz_Middle_QPSK_8@4  | 21.39                 | 18.52      | 0.071    | 1         | Pass    |
| 3MHz_Middle_QPSK_8@7  | 21.30                 | 18.43      | 0.070    | 1         | Pass    |
| 3MHz_Middle_QPSK_15@0 | 21.44                 | 18.57      | 0.072    | 1         | Pass    |
| 3MHz_Middle_16QAM_1@0 | 22.32                 | 19.45      | 0.088    | 1         | Pass    |

| Mode                   | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|------------------------|-----------------------|------------|----------|-----------|---------|
| 3MHz_Middle_16QAM_1@8  | 22.34                 | 19.47      | 0.089    | 1         | Pass    |
| 3MHz_Middle_16QAM_1@14 | 22.37                 | 19.50      | 0.089    | 1         | Pass    |
| 3MHz_Middle_16QAM_8@0  | 20.71                 | 17.84      | 0.061    | 1         | Pass    |
| 3MHz_Middle_16QAM_8@4  | 20.83                 | 17.96      | 0.063    | 1         | Pass    |
| 3MHz_Middle_16QAM_8@7  | 20.80                 | 17.93      | 0.062    | 1         | Pass    |
| 3MHz_Middle_16QAM_15@0 | 20.59                 | 17.72      | 0.059    | 1         | Pass    |
| 3MHz_High_QPSK_1@0     | 22.29                 | 19.42      | 0.087    | 1         | Pass    |
| 3MHz_High_QPSK_1@8     | 22.25                 | 19.38      | 0.087    | 1         | Pass    |
| 3MHz_High_QPSK_1@14    | 22.29                 | 19.42      | 0.087    | 1         | Pass    |
| 3MHz_High_QPSK_8@0     | 21.33                 | 18.46      | 0.070    | 1         | Pass    |
| 3MHz_High_QPSK_8@4     | 21.36                 | 18.49      | 0.071    | 1         | Pass    |
| 3MHz_High_QPSK_8@7     | 21.41                 | 18.54      | 0.071    | 1         | Pass    |
| 3MHz_High_QPSK_15@0    | 21.40                 | 18.53      | 0.071    | 1         | Pass    |
| 3MHz_High_16QAM_1@0    | 21.77                 | 18.90      | 0.078    | 1         | Pass    |
| 3MHz_High_16QAM_1@8    | 21.62                 | 18.75      | 0.075    | 1         | Pass    |
| 3MHz_High_16QAM_1@14   | 21.71                 | 18.84      | 0.077    | 1         | Pass    |
| 3MHz_High_16QAM_8@0    | 20.43                 | 17.56      | 0.057    | 1         | Pass    |
| 3MHz_High_16QAM_8@4    | 20.42                 | 17.55      | 0.057    | 1         | Pass    |
| 3MHz_High_16QAM_8@7    | 20.49                 | 17.62      | 0.058    | 1         | Pass    |
| 3MHz_High_16QAM_15@0   | 20.32                 | 17.45      | 0.056    | 1         | Pass    |
| 5MHz_Low_QPSK_1@0      | 22.46                 | 19.59      | 0.091    | 1         | Pass    |
| 5MHz_Low_QPSK_1@12     | 22.44                 | 19.57      | 0.091    | 1         | Pass    |
| 5MHz_Low_QPSK_1@24     | 22.42                 | 19.55      | 0.090    | 1         | Pass    |
| 5MHz_Low_QPSK_12@0     | 21.34                 | 18.47      | 0.070    | 1         | Pass    |
| 5MHz_Low_QPSK_12@7     | 21.35                 | 18.48      | 0.070    | 1         | Pass    |
| 5MHz_Low_QPSK_12@13    | 21.37                 | 18.50      | 0.071    | 1         | Pass    |
| 5MHz_Low_QPSK_25@0     | 21.34                 | 18.47      | 0.070    | 1         | Pass    |
| 5MHz_Low_16QAM_1@0     | 21.71                 | 18.84      | 0.077    | 1         | Pass    |
| 5MHz_Low_16QAM_1@12    | 21.75                 | 18.88      | 0.077    | 1         | Pass    |
| 5MHz_Low_16QAM_1@24    | 21.73                 | 18.86      | 0.077    | 1         | Pass    |
| 5MHz_Low_16QAM_12@0    | 20.39                 | 17.52      | 0.056    | 1         | Pass    |
| 5MHz_Low_16QAM_12@7    | 20.31                 | 17.44      | 0.055    | 1         | Pass    |
| 5MHz_Low_16QAM_12@13   | 20.31                 | 17.44      | 0.055    | 1         | Pass    |
| 5MHz_Low_16QAM_25@0    | 20.48                 | 17.61      | 0.058    | 1         | Pass    |

| Mode                    | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|------------|----------|-----------|---------|
| 5MHz_Middle_QPSK_1@0    | 22.17                 | 19.30      | 0.085    | 1         | Pass    |
| 5MHz_Middle_QPSK_1@12   | 22.17                 | 19.30      | 0.085    | 1         | Pass    |
| 5MHz_Middle_QPSK_1@24   | 22.30                 | 19.43      | 0.088    | 1         | Pass    |
| 5MHz_Middle_QPSK_12@0   | 21.48                 | 18.61      | 0.073    | 1         | Pass    |
| 5MHz_Middle_QPSK_12@7   | 21.38                 | 18.51      | 0.071    | 1         | Pass    |
| 5MHz_Middle_QPSK_12@13  | 21.46                 | 18.59      | 0.072    | 1         | Pass    |
| 5MHz_Middle_QPSK_25@0   | 21.51                 | 18.64      | 0.073    | 1         | Pass    |
| 5MHz_Middle_16QAM_1@0   | 21.19                 | 18.32      | 0.068    | 1         | Pass    |
| 5MHz_Middle_16QAM_1@12  | 21.17                 | 18.30      | 0.068    | 1         | Pass    |
| 5MHz_Middle_16QAM_1@24  | 21.20                 | 18.33      | 0.068    | 1         | Pass    |
| 5MHz_Middle_16QAM_12@0  | 20.49                 | 17.62      | 0.058    | 1         | Pass    |
| 5MHz_Middle_16QAM_12@7  | 20.58                 | 17.71      | 0.059    | 1         | Pass    |
| 5MHz_Middle_16QAM_12@13 | 20.55                 | 17.68      | 0.059    | 1         | Pass    |
| 5MHz_Middle_16QAM_25@0  | 20.50                 | 17.63      | 0.058    | 1         | Pass    |
| 5MHz_High_QPSK_1@0      | 22.35                 | 19.48      | 0.089    | 1         | Pass    |
| 5MHz_High_QPSK_1@12     | 22.26                 | 19.39      | 0.087    | 1         | Pass    |
| 5MHz_High_QPSK_1@24     | 22.33                 | 19.46      | 0.088    | 1         | Pass    |
| 5MHz_High_QPSK_12@0     | 21.34                 | 18.47      | 0.070    | 1         | Pass    |
| 5MHz_High_QPSK_12@7     | 21.39                 | 18.52      | 0.071    | 1         | Pass    |
| 5MHz_High_QPSK_12@13    | 21.39                 | 18.52      | 0.071    | 1         | Pass    |
| 5MHz_High_QPSK_25@0     | 21.41                 | 18.54      | 0.071    | 1         | Pass    |
| 5MHz_High_16QAM_1@0     | 20.98                 | 18.11      | 0.065    | 1         | Pass    |
| 5MHz_High_16QAM_1@12    | 21.05                 | 18.18      | 0.066    | 1         | Pass    |
| 5MHz_High_16QAM_1@24    | 21.06                 | 18.19      | 0.066    | 1         | Pass    |
| 5MHz_High_16QAM_12@0    | 20.35                 | 17.48      | 0.056    | 1         | Pass    |
| 5MHz_High_16QAM_12@7    | 20.40                 | 17.53      | 0.057    | 1         | Pass    |
| 5MHz_High_16QAM_12@13   | 20.36                 | 17.49      | 0.056    | 1         | Pass    |
| 5MHz_High_16QAM_25@0    | 20.68                 | 17.81      | 0.060    | 1         | Pass    |
| 10MHz_Low_QPSK_1@0      | 22.50                 | 19.63      | 0.092    | 1         | Pass    |
| 10MHz_Low_QPSK_1@25     | 22.50                 | 19.63      | 0.092    | 1         | Pass    |
| 10MHz_Low_QPSK_1@49     | 22.52                 | 19.65      | 0.092    | 1         | Pass    |
| 10MHz_Low_QPSK_25@0     | 21.25                 | 18.38      | 0.069    | 1         | Pass    |
| 10MHz_Low_QPSK_25@12    | 21.25                 | 18.38      | 0.069    | 1         | Pass    |
| 10MHz_Low_QPSK_25@25    | 21.38                 | 18.51      | 0.071    | 1         | Pass    |

| Mode                     | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|------------|----------|-----------|---------|
| 10MHz_Low_QPSK_50@0      | 21.27                 | 18.40      | 0.069    | 1         | Pass    |
| 10MHz_Low_16QAM_1@0      | 21.95                 | 19.08      | 0.081    | 1         | Pass    |
| 10MHz_Low_16QAM_1@25     | 21.98                 | 19.11      | 0.081    | 1         | Pass    |
| 10MHz_Low_16QAM_1@49     | 22.03                 | 19.16      | 0.082    | 1         | Pass    |
| 10MHz_Low_16QAM_25@0     | 20.43                 | 17.56      | 0.057    | 1         | Pass    |
| 10MHz_Low_16QAM_25@12    | 20.44                 | 17.57      | 0.057    | 1         | Pass    |
| 10MHz_Low_16QAM_25@25    | 20.49                 | 17.62      | 0.058    | 1         | Pass    |
| 10MHz_Low_16QAM_50@0     | 20.32                 | 17.45      | 0.056    | 1         | Pass    |
| 10MHz_Middle_QPSK_1@0    | 22.50                 | 19.63      | 0.092    | 1         | Pass    |
| 10MHz_Middle_QPSK_1@25   | 22.59                 | 19.72      | 0.094    | 1         | Pass    |
| 10MHz_Middle_QPSK_1@49   | 22.64                 | 19.77      | 0.095    | 1         | Pass    |
| 10MHz_Middle_QPSK_25@0   | 21.48                 | 18.61      | 0.073    | 1         | Pass    |
| 10MHz_Middle_QPSK_25@12  | 21.42                 | 18.55      | 0.072    | 1         | Pass    |
| 10MHz_Middle_QPSK_25@25  | 21.50                 | 18.63      | 0.073    | 1         | Pass    |
| 10MHz_Middle_QPSK_50@0   | 21.50                 | 18.63      | 0.073    | 1         | Pass    |
| 10MHz_Middle_16QAM_1@0   | 21.60                 | 18.73      | 0.075    | 1         | Pass    |
| 10MHz_Middle_16QAM_1@25  | 21.60                 | 18.73      | 0.075    | 1         | Pass    |
| 10MHz_Middle_16QAM_1@49  | 21.69                 | 18.82      | 0.076    | 1         | Pass    |
| 10MHz_Middle_16QAM_25@0  | 20.46                 | 17.59      | 0.057    | 1         | Pass    |
| 10MHz_Middle_16QAM_25@12 | 20.60                 | 17.73      | 0.059    | 1         | Pass    |
| 10MHz_Middle_16QAM_25@25 | 20.65                 | 17.78      | 0.060    | 1         | Pass    |
| 10MHz_Middle_16QAM_50@0  | 20.60                 | 17.73      | 0.059    | 1         | Pass    |
| 10MHz_High_QPSK_1@0      | 22.32                 | 19.45      | 0.088    | 1         | Pass    |
| 10MHz_High_QPSK_1@25     | 22.36                 | 19.49      | 0.089    | 1         | Pass    |
| 10MHz_High_QPSK_1@49     | 22.34                 | 19.47      | 0.089    | 1         | Pass    |
| 10MHz_High_QPSK_25@0     | 21.44                 | 18.57      | 0.072    | 1         | Pass    |
| 10MHz_High_QPSK_25@12    | 21.44                 | 18.57      | 0.072    | 1         | Pass    |
| 10MHz_High_QPSK_25@25    | 21.43                 | 18.56      | 0.072    | 1         | Pass    |
| 10MHz_High_QPSK_50@0     | 21.48                 | 18.61      | 0.073    | 1         | Pass    |
| 10MHz_High_16QAM_1@0     | 21.54                 | 18.67      | 0.074    | 1         | Pass    |
| 10MHz_High_16QAM_1@25    | 21.56                 | 18.69      | 0.074    | 1         | Pass    |
| 10MHz_High_16QAM_1@49    | 21.59                 | 18.72      | 0.074    | 1         | Pass    |
| 10MHz_High_16QAM_25@0    | 20.56                 | 17.69      | 0.059    | 1         | Pass    |
| 10MHz_High_16QAM_25@12   | 20.62                 | 17.75      | 0.060    | 1         | Pass    |

| Mode                     | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|------------|----------|-----------|---------|
| 10MHz_High_16QAM_25@25   | 20.68                 | 17.81      | 0.060    | 1         | Pass    |
| 10MHz_High_16QAM_50@0    | 20.64                 | 17.77      | 0.060    | 1         | Pass    |
| 15MHz_Low_QPSK_1@0       | 22.04                 | 19.17      | 0.083    | 1         | Pass    |
| 15MHz_Low_QPSK_1@37      | 22.52                 | 19.65      | 0.092    | 1         | Pass    |
| 15MHz_Low_QPSK_1@74      | 22.57                 | 19.70      | 0.093    | 1         | Pass    |
| 15MHz_Low_QPSK_36@0      | 21.18                 | 18.31      | 0.068    | 1         | Pass    |
| 15MHz_Low_QPSK_36@20     | 21.30                 | 18.43      | 0.070    | 1         | Pass    |
| 15MHz_Low_QPSK_36@39     | 21.35                 | 18.48      | 0.070    | 1         | Pass    |
| 15MHz_Low_QPSK_75@0      | 21.34                 | 18.47      | 0.070    | 1         | Pass    |
| 15MHz_Low_16QAM_1@0      | 21.90                 | 19.03      | 0.080    | 1         | Pass    |
| 15MHz_Low_16QAM_1@37     | 21.92                 | 19.05      | 0.080    | 1         | Pass    |
| 15MHz_Low_16QAM_1@74     | 22.04                 | 19.17      | 0.083    | 1         | Pass    |
| 15MHz_Low_16QAM_36@0     | 20.40                 | 17.53      | 0.057    | 1         | Pass    |
| 15MHz_Low_16QAM_36@20    | 20.42                 | 17.55      | 0.057    | 1         | Pass    |
| 15MHz_Low_16QAM_36@39    | 20.47                 | 17.60      | 0.058    | 1         | Pass    |
| 15MHz_Low_16QAM_75@0     | 20.42                 | 17.55      | 0.057    | 1         | Pass    |
| 15MHz_Middle_QPSK_1@0    | 22.51                 | 19.64      | 0.092    | 1         | Pass    |
| 15MHz_Middle_QPSK_1@37   | 22.60                 | 19.73      | 0.094    | 1         | Pass    |
| 15MHz_Middle_QPSK_1@74   | 22.66                 | 19.79      | 0.095    | 1         | Pass    |
| 15MHz_Middle_QPSK_36@0   | 21.45                 | 18.58      | 0.072    | 1         | Pass    |
| 15MHz_Middle_QPSK_36@20  | 21.40                 | 18.53      | 0.071    | 1         | Pass    |
| 15MHz_Middle_QPSK_36@39  | 21.49                 | 18.62      | 0.073    | 1         | Pass    |
| 15MHz_Middle_QPSK_75@0   | 21.45                 | 18.58      | 0.072    | 1         | Pass    |
| 15MHz_Middle_16QAM_1@0   | 21.97                 | 19.10      | 0.081    | 1         | Pass    |
| 15MHz_Middle_16QAM_1@37  | 22.04                 | 19.17      | 0.083    | 1         | Pass    |
| 15MHz_Middle_16QAM_1@74  | 22.15                 | 19.28      | 0.085    | 1         | Pass    |
| 15MHz_Middle_16QAM_36@0  | 20.46                 | 17.59      | 0.057    | 1         | Pass    |
| 15MHz_Middle_16QAM_36@20 | 20.54                 | 17.67      | 0.058    | 1         | Pass    |
| 15MHz_Middle_16QAM_36@39 | 20.55                 | 17.68      | 0.059    | 1         | Pass    |
| 15MHz_Middle_16QAM_75@0  | 20.58                 | 17.71      | 0.059    | 1         | Pass    |
| 15MHz_High_QPSK_1@0      | 22.32                 | 19.45      | 0.088    | 1         | Pass    |
| 15MHz_High_QPSK_1@37     | 22.36                 | 19.49      | 0.089    | 1         | Pass    |
| 15MHz_High_QPSK_1@74     | 22.42                 | 19.55      | 0.090    | 1         | Pass    |
| 15MHz_High_QPSK_36@0     | 21.32                 | 18.45      | 0.070    | 1         | Pass    |

| Mode                    | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|------------|----------|-----------|---------|
| 15MHz_High_QPSK_36@20   | 21.35                 | 18.48      | 0.070    | 1         | Pass    |
| 15MHz_High_QPSK_36@39   | 21.32                 | 18.45      | 0.070    | 1         | Pass    |
| 15MHz_High_QPSK_75@0    | 21.44                 | 18.57      | 0.072    | 1         | Pass    |
| 15MHz_High_16QAM_1@0    | 21.96                 | 19.09      | 0.081    | 1         | Pass    |
| 15MHz_High_16QAM_1@37   | 21.97                 | 19.10      | 0.081    | 1         | Pass    |
| 15MHz_High_16QAM_1@74   | 22.03                 | 19.16      | 0.082    | 1         | Pass    |
| 15MHz_High_16QAM_36@0   | 20.51                 | 17.64      | 0.058    | 1         | Pass    |
| 15MHz_High_16QAM_36@20  | 20.45                 | 17.58      | 0.057    | 1         | Pass    |
| 15MHz_High_16QAM_36@39  | 20.51                 | 17.64      | 0.058    | 1         | Pass    |
| 15MHz_High_16QAM_75@0   | 20.51                 | 17.64      | 0.058    | 1         | Pass    |
| 20MHz_Low_QPSK_1@0      | 22.40                 | 19.53      | 0.090    | 1         | Pass    |
| 20MHz_Low_QPSK_1@49     | 22.45                 | 19.58      | 0.091    | 1         | Pass    |
| 20MHz_Low_QPSK_1@99     | 22.59                 | 19.72      | 0.094    | 1         | Pass    |
| 20MHz_Low_QPSK_50@0     | 21.30                 | 18.43      | 0.070    | 1         | Pass    |
| 20MHz_Low_QPSK_50@24    | 21.37                 | 18.50      | 0.071    | 1         | Pass    |
| 20MHz_Low_QPSK_50@50    | 21.47                 | 18.60      | 0.072    | 1         | Pass    |
| 20MHz_Low_QPSK_100@0    | 21.33                 | 18.46      | 0.070    | 1         | Pass    |
| 20MHz_Low_16QAM_1@0     | 21.62                 | 18.75      | 0.075    | 1         | Pass    |
| 20MHz_Low_16QAM_1@49    | 21.73                 | 18.86      | 0.077    | 1         | Pass    |
| 20MHz_Low_16QAM_1@99    | 21.98                 | 19.11      | 0.081    | 1         | Pass    |
| 20MHz_Low_16QAM_50@0    | 20.46                 | 17.59      | 0.057    | 1         | Pass    |
| 20MHz_Low_16QAM_50@24   | 20.53                 | 17.66      | 0.058    | 1         | Pass    |
| 20MHz_Low_16QAM_50@50   | 20.51                 | 17.64      | 0.058    | 1         | Pass    |
| 20MHz_Low_16QAM_100@0   | 20.42                 | 17.55      | 0.057    | 1         | Pass    |
| 20MHz_Middle_QPSK_1@0   | 22.34                 | 19.47      | 0.089    | 1         | Pass    |
| 20MHz_Middle_QPSK_1@49  | 22.40                 | 19.53      | 0.090    | 1         | Pass    |
| 20MHz_Middle_QPSK_1@99  | 22.47                 | 19.60      | 0.091    | 1         | Pass    |
| 20MHz_Middle_QPSK_50@0  | 21.28                 | 18.41      | 0.069    | 1         | Pass    |
| 20MHz_Middle_QPSK_50@24 | 21.36                 | 18.49      | 0.071    | 1         | Pass    |
| 20MHz_Middle_QPSK_50@50 | 21.60                 | 18.73      | 0.075    | 1         | Pass    |
| 20MHz_Middle_QPSK_100@0 | 21.49                 | 18.62      | 0.073    | 1         | Pass    |
| 20MHz_Middle_16QAM_1@0  | 21.47                 | 18.60      | 0.072    | 1         | Pass    |
| 20MHz_Middle_16QAM_1@49 | 21.56                 | 18.69      | 0.074    | 1         | Pass    |
| 20MHz_Middle_16QAM_1@99 | 21.86                 | 18.99      | 0.079    | 1         | Pass    |

| Mode                     | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|------------|----------|-----------|---------|
| 20MHz_Middle_16QAM_50@0  | 20.47                 | 17.60      | 0.058    | 1         | Pass    |
| 20MHz_Middle_16QAM_50@24 | 20.64                 | 17.77      | 0.060    | 1         | Pass    |
| 20MHz_Middle_16QAM_50@50 | 20.64                 | 17.77      | 0.060    | 1         | Pass    |
| 20MHz_Middle_16QAM_100@0 | 20.42                 | 17.55      | 0.057    | 1         | Pass    |
| 20MHz_High_QPSK_1@0      | 22.18                 | 19.31      | 0.085    | 1         | Pass    |
| 20MHz_High_QPSK_1@49     | 22.14                 | 19.27      | 0.085    | 1         | Pass    |
| 20MHz_High_QPSK_1@99     | 22.32                 | 19.45      | 0.088    | 1         | Pass    |
| 20MHz_High_QPSK_50@0     | 21.40                 | 18.53      | 0.071    | 1         | Pass    |
| 20MHz_High_QPSK_50@24    | 21.37                 | 18.50      | 0.071    | 1         | Pass    |
| 20MHz_High_QPSK_50@50    | 21.46                 | 18.59      | 0.072    | 1         | Pass    |
| 20MHz_High_QPSK_100@0    | 21.39                 | 18.52      | 0.071    | 1         | Pass    |
| 20MHz_High_16QAM_1@0     | 21.51                 | 18.64      | 0.073    | 1         | Pass    |
| 20MHz_High_16QAM_1@49    | 21.54                 | 18.67      | 0.074    | 1         | Pass    |
| 20MHz_High_16QAM_1@99    | 21.59                 | 18.72      | 0.074    | 1         | Pass    |
| 20MHz_High_16QAM_50@0    | 20.37                 | 17.50      | 0.056    | 1         | Pass    |
| 20MHz_High_16QAM_50@24   | 20.35                 | 17.48      | 0.056    | 1         | Pass    |
| 20MHz_High_16QAM_50@50   | 20.39                 | 17.52      | 0.056    | 1         | Pass    |
| 20MHz_High_16QAM_100@0   | 20.50                 | 17.63      | 0.058    | 1         | Pass    |

**Note:**

**EIRP = Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)**

**Band 4:**

**1.Antenna Gain = -1.87dBi;**

**2.Cable Loss = 1dB.**

**LTE Band 12, Normal**

| Mode                 | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|----------------------|-----------------------|-----------|---------|-----------|---------|
| 1.4MHz_Low_QPSK_1@0  | 23.10                 | 13.37     | 0.022   | 3         | Pass    |
| 1.4MHz_Low_QPSK_1@3  | 23.10                 | 13.37     | 0.022   | 3         | Pass    |
| 1.4MHz_Low_QPSK_1@5  | 23.08                 | 13.35     | 0.022   | 3         | Pass    |
| 1.4MHz_Low_QPSK_3@0  | 22.83                 | 13.10     | 0.020   | 3         | Pass    |
| 1.4MHz_Low_QPSK_3@1  | 22.88                 | 13.15     | 0.021   | 3         | Pass    |
| 1.4MHz_Low_QPSK_3@3  | 22.98                 | 13.25     | 0.021   | 3         | Pass    |
| 1.4MHz_Low_QPSK_6@0  | 21.95                 | 12.22     | 0.017   | 3         | Pass    |
| 1.4MHz_Low_16QAM_1@0 | 22.44                 | 12.71     | 0.019   | 3         | Pass    |



| Mode                    | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|-----------|---------|-----------|---------|
| 1.4MHz_Low_16QAM_1@3    | 22.42                 | 12.69     | 0.019   | 3         | Pass    |
| 1.4MHz_Low_16QAM_1@5    | 22.37                 | 12.64     | 0.018   | 3         | Pass    |
| 1.4MHz_Low_16QAM_3@0    | 22.25                 | 12.52     | 0.018   | 3         | Pass    |
| 1.4MHz_Low_16QAM_3@1    | 22.30                 | 12.57     | 0.018   | 3         | Pass    |
| 1.4MHz_Low_16QAM_3@3    | 22.27                 | 12.54     | 0.018   | 3         | Pass    |
| 1.4MHz_Low_16QAM_6@0    | 21.09                 | 11.36     | 0.014   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_1@0  | 22.99                 | 13.26     | 0.021   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_1@3  | 23.07                 | 13.34     | 0.022   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_1@5  | 23.04                 | 13.31     | 0.021   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_3@0  | 22.94                 | 13.21     | 0.021   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_3@1  | 22.93                 | 13.20     | 0.021   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_3@3  | 22.97                 | 13.24     | 0.021   | 3         | Pass    |
| 1.4MHz_Middle_QPSK_6@0  | 21.96                 | 12.23     | 0.017   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_1@0 | 22.72                 | 12.99     | 0.020   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_1@3 | 22.78                 | 13.05     | 0.020   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_1@5 | 22.80                 | 13.07     | 0.020   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_3@0 | 22.23                 | 12.50     | 0.018   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_3@1 | 22.25                 | 12.52     | 0.018   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_3@3 | 22.26                 | 12.53     | 0.018   | 3         | Pass    |
| 1.4MHz_Middle_16QAM_6@0 | 21.43                 | 11.70     | 0.015   | 3         | Pass    |
| 1.4MHz_High_QPSK_1@0    | 22.89                 | 13.16     | 0.021   | 3         | Pass    |
| 1.4MHz_High_QPSK_1@3    | 22.88                 | 13.15     | 0.021   | 3         | Pass    |
| 1.4MHz_High_QPSK_1@5    | 22.91                 | 13.18     | 0.021   | 3         | Pass    |
| 1.4MHz_High_QPSK_3@0    | 22.89                 | 13.16     | 0.021   | 3         | Pass    |
| 1.4MHz_High_QPSK_3@1    | 22.94                 | 13.21     | 0.021   | 3         | Pass    |
| 1.4MHz_High_QPSK_3@3    | 22.92                 | 13.19     | 0.021   | 3         | Pass    |
| 1.4MHz_High_QPSK_6@0    | 21.91                 | 12.18     | 0.017   | 3         | Pass    |
| 1.4MHz_High_16QAM_1@0   | 22.65                 | 12.92     | 0.020   | 3         | Pass    |
| 1.4MHz_High_16QAM_1@3   | 22.64                 | 12.91     | 0.020   | 3         | Pass    |
| 1.4MHz_High_16QAM_1@5   | 22.62                 | 12.89     | 0.019   | 3         | Pass    |
| 1.4MHz_High_16QAM_3@0   | 22.02                 | 12.29     | 0.017   | 3         | Pass    |
| 1.4MHz_High_16QAM_3@1   | 22.07                 | 12.34     | 0.017   | 3         | Pass    |
| 1.4MHz_High_16QAM_3@3   | 22.07                 | 12.34     | 0.017   | 3         | Pass    |
| 1.4MHz_High_16QAM_6@0   | 20.93                 | 11.20     | 0.013   | 3         | Pass    |



| Mode                   | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|------------------------|-----------------------|-----------|---------|-----------|---------|
| 3MHz_Low_QPSK_1@0      | 23.13                 | 13.40     | 0.022   | 3         | Pass    |
| 3MHz_Low_QPSK_1@8      | 23.07                 | 13.34     | 0.022   | 3         | Pass    |
| 3MHz_Low_QPSK_1@14     | 23.09                 | 13.36     | 0.022   | 3         | Pass    |
| 3MHz_Low_QPSK_8@0      | 21.87                 | 12.14     | 0.016   | 3         | Pass    |
| 3MHz_Low_QPSK_8@4      | 21.95                 | 12.22     | 0.017   | 3         | Pass    |
| 3MHz_Low_QPSK_8@7      | 21.96                 | 12.23     | 0.017   | 3         | Pass    |
| 3MHz_Low_QPSK_15@0     | 21.96                 | 12.23     | 0.017   | 3         | Pass    |
| 3MHz_Low_16QAM_1@0     | 22.51                 | 12.78     | 0.019   | 3         | Pass    |
| 3MHz_Low_16QAM_1@8     | 21.82                 | 12.09     | 0.016   | 3         | Pass    |
| 3MHz_Low_16QAM_1@14    | 21.85                 | 12.12     | 0.016   | 3         | Pass    |
| 3MHz_Low_16QAM_8@0     | 20.90                 | 11.17     | 0.013   | 3         | Pass    |
| 3MHz_Low_16QAM_8@4     | 20.93                 | 11.20     | 0.013   | 3         | Pass    |
| 3MHz_Low_16QAM_8@7     | 21.02                 | 11.29     | 0.013   | 3         | Pass    |
| 3MHz_Low_16QAM_15@0    | 20.79                 | 11.06     | 0.013   | 3         | Pass    |
| 3MHz_Middle_QPSK_1@0   | 22.94                 | 13.21     | 0.021   | 3         | Pass    |
| 3MHz_Middle_QPSK_1@8   | 23.03                 | 13.30     | 0.021   | 3         | Pass    |
| 3MHz_Middle_QPSK_1@14  | 23.02                 | 13.29     | 0.021   | 3         | Pass    |
| 3MHz_Middle_QPSK_8@0   | 21.89                 | 12.16     | 0.016   | 3         | Pass    |
| 3MHz_Middle_QPSK_8@4   | 21.96                 | 12.23     | 0.017   | 3         | Pass    |
| 3MHz_Middle_QPSK_8@7   | 21.94                 | 12.21     | 0.017   | 3         | Pass    |
| 3MHz_Middle_QPSK_15@0  | 21.82                 | 12.09     | 0.016   | 3         | Pass    |
| 3MHz_Middle_16QAM_1@0  | 22.47                 | 12.74     | 0.019   | 3         | Pass    |
| 3MHz_Middle_16QAM_1@8  | 22.52                 | 12.79     | 0.019   | 3         | Pass    |
| 3MHz_Middle_16QAM_1@14 | 22.51                 | 12.78     | 0.019   | 3         | Pass    |
| 3MHz_Middle_16QAM_8@0  | 20.71                 | 10.98     | 0.013   | 3         | Pass    |
| 3MHz_Middle_16QAM_8@4  | 21.17                 | 11.44     | 0.014   | 3         | Pass    |
| 3MHz_Middle_16QAM_8@7  | 21.10                 | 11.37     | 0.014   | 3         | Pass    |
| 3MHz_Middle_16QAM_15@0 | 21.42                 | 11.69     | 0.015   | 3         | Pass    |
| 3MHz_High_QPSK_1@0     | 22.86                 | 13.13     | 0.021   | 3         | Pass    |
| 3MHz_High_QPSK_1@8     | 22.80                 | 13.07     | 0.020   | 3         | Pass    |
| 3MHz_High_QPSK_1@14    | 22.83                 | 13.10     | 0.020   | 3         | Pass    |
| 3MHz_High_QPSK_8@0     | 21.83                 | 12.10     | 0.016   | 3         | Pass    |
| 3MHz_High_QPSK_8@4     | 21.83                 | 12.10     | 0.016   | 3         | Pass    |
| 3MHz_High_QPSK_8@7     | 21.90                 | 12.17     | 0.016   | 3         | Pass    |

| Mode                   | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|------------------------|-----------------------|-----------|---------|-----------|---------|
| 3MHz_High_QPSK_15@0    | 21.85                 | 12.12     | 0.016   | 3         | Pass    |
| 3MHz_High_16QAM_1@0    | 22.65                 | 12.92     | 0.020   | 3         | Pass    |
| 3MHz_High_16QAM_1@8    | 22.54                 | 12.81     | 0.019   | 3         | Pass    |
| 3MHz_High_16QAM_1@14   | 22.57                 | 12.84     | 0.019   | 3         | Pass    |
| 3MHz_High_16QAM_8@0    | 21.09                 | 11.36     | 0.014   | 3         | Pass    |
| 3MHz_High_16QAM_8@4    | 21.08                 | 11.35     | 0.014   | 3         | Pass    |
| 3MHz_High_16QAM_8@7    | 21.52                 | 11.79     | 0.015   | 3         | Pass    |
| 3MHz_High_16QAM_15@0   | 20.91                 | 11.18     | 0.013   | 3         | Pass    |
| 5MHz_Low_QPSK_1@0      | 22.91                 | 13.18     | 0.021   | 3         | Pass    |
| 5MHz_Low_QPSK_1@12     | 22.89                 | 13.16     | 0.021   | 3         | Pass    |
| 5MHz_Low_QPSK_1@24     | 22.99                 | 13.26     | 0.021   | 3         | Pass    |
| 5MHz_Low_QPSK_12@0     | 21.85                 | 12.12     | 0.016   | 3         | Pass    |
| 5MHz_Low_QPSK_12@7     | 21.88                 | 12.15     | 0.016   | 3         | Pass    |
| 5MHz_Low_QPSK_12@13    | 21.77                 | 12.04     | 0.016   | 3         | Pass    |
| 5MHz_Low_QPSK_25@0     | 21.77                 | 12.04     | 0.016   | 3         | Pass    |
| 5MHz_Low_16QAM_1@0     | 22.19                 | 12.46     | 0.018   | 3         | Pass    |
| 5MHz_Low_16QAM_1@12    | 22.12                 | 12.39     | 0.017   | 3         | Pass    |
| 5MHz_Low_16QAM_1@24    | 22.20                 | 12.47     | 0.018   | 3         | Pass    |
| 5MHz_Low_16QAM_12@0    | 20.80                 | 11.07     | 0.013   | 3         | Pass    |
| 5MHz_Low_16QAM_12@7    | 20.90                 | 11.17     | 0.013   | 3         | Pass    |
| 5MHz_Low_16QAM_12@13   | 20.84                 | 11.11     | 0.013   | 3         | Pass    |
| 5MHz_Low_16QAM_25@0    | 21.05                 | 11.32     | 0.014   | 3         | Pass    |
| 5MHz_Middle_QPSK_1@0   | 22.62                 | 12.89     | 0.019   | 3         | Pass    |
| 5MHz_Middle_QPSK_1@12  | 22.68                 | 12.95     | 0.020   | 3         | Pass    |
| 5MHz_Middle_QPSK_1@24  | 22.67                 | 12.94     | 0.020   | 3         | Pass    |
| 5MHz_Middle_QPSK_12@0  | 21.90                 | 12.17     | 0.016   | 3         | Pass    |
| 5MHz_Middle_QPSK_12@7  | 22.03                 | 12.30     | 0.017   | 3         | Pass    |
| 5MHz_Middle_QPSK_12@13 | 21.97                 | 12.24     | 0.017   | 3         | Pass    |
| 5MHz_Middle_QPSK_25@0  | 21.98                 | 12.25     | 0.017   | 3         | Pass    |
| 5MHz_Middle_16QAM_1@0  | 21.65                 | 11.92     | 0.016   | 3         | Pass    |
| 5MHz_Middle_16QAM_1@12 | 21.71                 | 11.98     | 0.016   | 3         | Pass    |
| 5MHz_Middle_16QAM_1@24 | 21.71                 | 11.98     | 0.016   | 3         | Pass    |
| 5MHz_Middle_16QAM_12@0 | 20.98                 | 11.25     | 0.013   | 3         | Pass    |
| 5MHz_Middle_16QAM_12@7 | 21.27                 | 11.54     | 0.014   | 3         | Pass    |

| Mode                    | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|-----------|---------|-----------|---------|
| 5MHz_Middle_16QAM_12@13 | 21.23                 | 11.50     | 0.014   | 3         | Pass    |
| 5MHz_Middle_16QAM_25@0  | 21.25                 | 11.52     | 0.014   | 3         | Pass    |
| 5MHz_High_QPSK_1@0      | 22.77                 | 13.04     | 0.020   | 3         | Pass    |
| 5MHz_High_QPSK_1@12     | 22.69                 | 12.96     | 0.020   | 3         | Pass    |
| 5MHz_High_QPSK_1@24     | 22.75                 | 13.02     | 0.020   | 3         | Pass    |
| 5MHz_High_QPSK_12@0     | 21.82                 | 12.09     | 0.016   | 3         | Pass    |
| 5MHz_High_QPSK_12@7     | 21.85                 | 12.12     | 0.016   | 3         | Pass    |
| 5MHz_High_QPSK_12@13    | 21.86                 | 12.13     | 0.016   | 3         | Pass    |
| 5MHz_High_QPSK_25@0     | 21.81                 | 12.08     | 0.016   | 3         | Pass    |
| 5MHz_High_16QAM_1@0     | 21.45                 | 11.72     | 0.015   | 3         | Pass    |
| 5MHz_High_16QAM_1@12    | 21.43                 | 11.70     | 0.015   | 3         | Pass    |
| 5MHz_High_16QAM_1@24    | 21.46                 | 11.73     | 0.015   | 3         | Pass    |
| 5MHz_High_16QAM_12@0    | 20.79                 | 11.06     | 0.013   | 3         | Pass    |
| 5MHz_High_16QAM_12@7    | 20.83                 | 11.10     | 0.013   | 3         | Pass    |
| 5MHz_High_16QAM_12@13   | 20.81                 | 11.08     | 0.013   | 3         | Pass    |
| 5MHz_High_16QAM_25@0    | 21.04                 | 11.31     | 0.014   | 3         | Pass    |
| 10MHz_Low_QPSK_1@0      | 23.02                 | 13.29     | 0.021   | 3         | Pass    |
| 10MHz_Low_QPSK_1@25     | 22.98                 | 13.25     | 0.021   | 3         | Pass    |
| 10MHz_Low_QPSK_1@49     | 23.04                 | 13.31     | 0.021   | 3         | Pass    |
| 10MHz_Low_QPSK_25@0     | 21.88                 | 12.15     | 0.016   | 3         | Pass    |
| 10MHz_Low_QPSK_25@12    | 21.96                 | 12.23     | 0.017   | 3         | Pass    |
| 10MHz_Low_QPSK_25@25    | 21.91                 | 12.18     | 0.017   | 3         | Pass    |
| 10MHz_Low_QPSK_50@0     | 21.92                 | 12.19     | 0.017   | 3         | Pass    |
| 10MHz_Low_16QAM_1@0     | 22.78                 | 13.05     | 0.020   | 3         | Pass    |
| 10MHz_Low_16QAM_1@25    | 22.80                 | 13.07     | 0.020   | 3         | Pass    |
| 10MHz_Low_16QAM_1@49    | 22.84                 | 13.11     | 0.020   | 3         | Pass    |
| 10MHz_Low_16QAM_25@0    | 21.04                 | 11.31     | 0.014   | 3         | Pass    |
| 10MHz_Low_16QAM_25@12   | 21.03                 | 11.30     | 0.013   | 3         | Pass    |
| 10MHz_Low_16QAM_25@25   | 21.05                 | 11.32     | 0.014   | 3         | Pass    |
| 10MHz_Low_16QAM_50@0    | 21.03                 | 11.30     | 0.013   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@0   | 22.87                 | 13.14     | 0.021   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@25  | 22.99                 | 13.26     | 0.021   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@49  | 22.97                 | 13.24     | 0.021   | 3         | Pass    |
| 10MHz_Middle_QPSK_25@0  | 21.93                 | 12.20     | 0.017   | 3         | Pass    |

| Mode                     | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|-----------|---------|-----------|---------|
| 10MHz_Middle_QPSK_25@12  | 21.95                 | 12.22     | 0.017   | 3         | Pass    |
| 10MHz_Middle_QPSK_25@25  | 21.92                 | 12.19     | 0.017   | 3         | Pass    |
| 10MHz_Middle_QPSK_50@0   | 21.93                 | 12.20     | 0.017   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@0   | 21.78                 | 12.05     | 0.016   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@25  | 21.84                 | 12.11     | 0.016   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@49  | 21.88                 | 12.15     | 0.016   | 3         | Pass    |
| 10MHz_Middle_16QAM_25@0  | 21.02                 | 11.29     | 0.013   | 3         | Pass    |
| 10MHz_Middle_16QAM_25@12 | 21.41                 | 11.68     | 0.015   | 3         | Pass    |
| 10MHz_Middle_16QAM_25@25 | 21.43                 | 11.70     | 0.015   | 3         | Pass    |
| 10MHz_Middle_16QAM_50@0  | 21.33                 | 11.60     | 0.014   | 3         | Pass    |
| 10MHz_High_QPSK_1@0      | 22.93                 | 13.20     | 0.021   | 3         | Pass    |
| 10MHz_High_QPSK_1@25     | 22.95                 | 13.22     | 0.021   | 3         | Pass    |
| 10MHz_High_QPSK_1@49     | 23.01                 | 13.28     | 0.021   | 3         | Pass    |
| 10MHz_High_QPSK_25@0     | 21.86                 | 12.13     | 0.016   | 3         | Pass    |
| 10MHz_High_QPSK_25@12    | 21.94                 | 12.21     | 0.017   | 3         | Pass    |
| 10MHz_High_QPSK_25@25    | 21.92                 | 12.19     | 0.017   | 3         | Pass    |
| 10MHz_High_QPSK_50@0     | 21.88                 | 12.15     | 0.016   | 3         | Pass    |
| 10MHz_High_16QAM_1@0     | 22.30                 | 12.57     | 0.018   | 3         | Pass    |
| 10MHz_High_16QAM_1@25    | 22.38                 | 12.65     | 0.018   | 3         | Pass    |
| 10MHz_High_16QAM_1@49    | 22.39                 | 12.66     | 0.018   | 3         | Pass    |
| 10MHz_High_16QAM_25@0    | 21.36                 | 11.63     | 0.015   | 3         | Pass    |
| 10MHz_High_16QAM_25@12   | 21.32                 | 11.59     | 0.014   | 3         | Pass    |
| 10MHz_High_16QAM_25@25   | 21.04                 | 11.31     | 0.014   | 3         | Pass    |
| 10MHz_High_16QAM_50@0    | 21.29                 | 11.56     | 0.014   | 3         | Pass    |

**Note:**

**ERP = Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)**

**Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15**

**Band 12:**

**1.Antenna Gain = -6.58dBi;**

**2.Cable Loss = 1dB.**

## LTE Band 13, Normal

| Mode                    | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|-----------|---------|-----------|---------|
| 5MHz_Low_QPSK_1@0       | 22.22                 | 12.46     | 0.018   | 3         | Pass    |
| 5MHz_Low_QPSK_1@12      | 22.21                 | 12.45     | 0.018   | 3         | Pass    |
| 5MHz_Low_QPSK_1@24      | 22.18                 | 12.42     | 0.017   | 3         | Pass    |
| 5MHz_Low_QPSK_12@0      | 21.41                 | 11.65     | 0.015   | 3         | Pass    |
| 5MHz_Low_QPSK_12@7      | 21.26                 | 11.50     | 0.014   | 3         | Pass    |
| 5MHz_Low_QPSK_12@13     | 21.28                 | 11.52     | 0.014   | 3         | Pass    |
| 5MHz_Low_QPSK_25@0      | 21.26                 | 11.50     | 0.014   | 3         | Pass    |
| 5MHz_Low_16QAM_1@0      | 21.30                 | 11.54     | 0.014   | 3         | Pass    |
| 5MHz_Low_16QAM_1@12     | 21.15                 | 11.39     | 0.014   | 3         | Pass    |
| 5MHz_Low_16QAM_1@24     | 21.10                 | 11.34     | 0.014   | 3         | Pass    |
| 5MHz_Low_16QAM_12@0     | 20.40                 | 10.64     | 0.012   | 3         | Pass    |
| 5MHz_Low_16QAM_12@7     | 20.30                 | 10.54     | 0.011   | 3         | Pass    |
| 5MHz_Low_16QAM_12@13    | 20.30                 | 10.54     | 0.011   | 3         | Pass    |
| 5MHz_Low_16QAM_25@0     | 20.40                 | 10.64     | 0.012   | 3         | Pass    |
| 5MHz_High_QPSK_1@0      | 22.38                 | 12.62     | 0.018   | 3         | Pass    |
| 5MHz_High_QPSK_1@12     | 22.37                 | 12.61     | 0.018   | 3         | Pass    |
| 5MHz_High_QPSK_1@24     | 22.39                 | 12.63     | 0.018   | 3         | Pass    |
| 5MHz_High_QPSK_12@0     | 21.25                 | 11.49     | 0.014   | 3         | Pass    |
| 5MHz_High_QPSK_12@7     | 21.26                 | 11.50     | 0.014   | 3         | Pass    |
| 5MHz_High_QPSK_12@13    | 21.30                 | 11.54     | 0.014   | 3         | Pass    |
| 5MHz_High_QPSK_25@0     | 21.18                 | 11.42     | 0.014   | 3         | Pass    |
| 5MHz_High_16QAM_1@0     | 21.29                 | 11.53     | 0.014   | 3         | Pass    |
| 5MHz_High_16QAM_1@12    | 21.33                 | 11.57     | 0.014   | 3         | Pass    |
| 5MHz_High_16QAM_1@24    | 21.42                 | 11.66     | 0.015   | 3         | Pass    |
| 5MHz_High_16QAM_12@0    | 20.35                 | 10.59     | 0.011   | 3         | Pass    |
| 5MHz_High_16QAM_12@7    | 20.26                 | 10.50     | 0.011   | 3         | Pass    |
| 5MHz_High_16QAM_12@13   | 20.41                 | 10.65     | 0.012   | 3         | Pass    |
| 5MHz_High_16QAM_25@0    | 20.46                 | 10.70     | 0.012   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@0   | 22.11                 | 12.35     | 0.017   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@25  | 22.40                 | 12.64     | 0.018   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@49  | 22.51                 | 12.75     | 0.019   | 3         | Pass    |
| 10MHz_Middle_QPSK_25@0  | 21.33                 | 11.57     | 0.014   | 3         | Pass    |
| 10MHz_Middle_QPSK_25@12 | 21.32                 | 11.56     | 0.014   | 3         | Pass    |

| Mode                     | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|-----------|---------|-----------|---------|
| 10MHz_Middle_QPSK_25@25  | 21.37                 | 11.61     | 0.014   | 3         | Pass    |
| 10MHz_Middle_QPSK_50@0   | 21.21                 | 11.45     | 0.014   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@0   | 21.93                 | 12.17     | 0.016   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@25  | 21.75                 | 11.99     | 0.016   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@49  | 21.89                 | 12.13     | 0.016   | 3         | Pass    |
| 10MHz_Middle_16QAM_25@0  | 20.43                 | 10.67     | 0.012   | 3         | Pass    |
| 10MHz_Middle_16QAM_25@12 | 20.62                 | 10.86     | 0.012   | 3         | Pass    |
| 10MHz_Middle_16QAM_25@25 | 20.42                 | 10.66     | 0.012   | 3         | Pass    |
| 10MHz_Middle_16QAM_50@0  | 20.56                 | 10.80     | 0.012   | 3         | Pass    |

**Note:**

**ERP = Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)**

**Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15**

**Band 13:**

**1.Antenna Gain = -6.61dBi;**

**2.Cable Loss = 1dB.**

LTE Band 17, Normal

| Mode                  | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-----------------------|-----------------------|-----------|---------|-----------|---------|
| 5MHz_Low_QPSK_1@0     | 23.02                 | 13.24     | 0.021   | 3         | Pass    |
| 5MHz_Low_QPSK_1@12    | 23.01                 | 13.23     | 0.021   | 3         | Pass    |
| 5MHz_Low_QPSK_1@24    | 23.02                 | 13.24     | 0.021   | 3         | Pass    |
| 5MHz_Low_QPSK_12@0    | 21.90                 | 12.12     | 0.016   | 3         | Pass    |
| 5MHz_Low_QPSK_12@7    | 21.92                 | 12.14     | 0.016   | 3         | Pass    |
| 5MHz_Low_QPSK_12@13   | 21.93                 | 12.15     | 0.016   | 3         | Pass    |
| 5MHz_Low_QPSK_25@0    | 21.83                 | 12.05     | 0.016   | 3         | Pass    |
| 5MHz_Low_16QAM_1@0    | 21.91                 | 12.13     | 0.016   | 3         | Pass    |
| 5MHz_Low_16QAM_1@12   | 21.87                 | 12.09     | 0.016   | 3         | Pass    |
| 5MHz_Low_16QAM_1@24   | 21.91                 | 12.13     | 0.016   | 3         | Pass    |
| 5MHz_Low_16QAM_12@0   | 20.92                 | 11.14     | 0.013   | 3         | Pass    |
| 5MHz_Low_16QAM_12@7   | 20.94                 | 11.16     | 0.013   | 3         | Pass    |
| 5MHz_Low_16QAM_12@13  | 21.31                 | 11.53     | 0.014   | 3         | Pass    |
| 5MHz_Low_16QAM_25@0   | 21.12                 | 11.34     | 0.014   | 3         | Pass    |
| 5MHz_Middle_QPSK_1@0  | 22.66                 | 12.88     | 0.019   | 3         | Pass    |
| 5MHz_Middle_QPSK_1@12 | 22.62                 | 12.84     | 0.019   | 3         | Pass    |

| Mode                    | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|-----------|---------|-----------|---------|
| 5MHz_Middle_QPSK_1@24   | 22.76                 | 12.98     | 0.020   | 3         | Pass    |
| 5MHz_Middle_QPSK_12@0   | 21.90                 | 12.12     | 0.016   | 3         | Pass    |
| 5MHz_Middle_QPSK_12@7   | 21.93                 | 12.15     | 0.016   | 3         | Pass    |
| 5MHz_Middle_QPSK_12@13  | 21.93                 | 12.15     | 0.016   | 3         | Pass    |
| 5MHz_Middle_QPSK_25@0   | 21.94                 | 12.16     | 0.016   | 3         | Pass    |
| 5MHz_Middle_16QAM_1@0   | 21.74                 | 11.96     | 0.016   | 3         | Pass    |
| 5MHz_Middle_16QAM_1@12  | 21.68                 | 11.90     | 0.015   | 3         | Pass    |
| 5MHz_Middle_16QAM_1@24  | 21.69                 | 11.91     | 0.016   | 3         | Pass    |
| 5MHz_Middle_16QAM_12@0  | 21.22                 | 11.44     | 0.014   | 3         | Pass    |
| 5MHz_Middle_16QAM_12@7  | 21.29                 | 11.51     | 0.014   | 3         | Pass    |
| 5MHz_Middle_16QAM_12@13 | 20.95                 | 11.17     | 0.013   | 3         | Pass    |
| 5MHz_Middle_16QAM_25@0  | 21.32                 | 11.54     | 0.014   | 3         | Pass    |
| 5MHz_High_QPSK_1@0      | 22.78                 | 13.00     | 0.020   | 3         | Pass    |
| 5MHz_High_QPSK_1@12     | 22.75                 | 12.97     | 0.020   | 3         | Pass    |
| 5MHz_High_QPSK_1@24     | 22.78                 | 13.00     | 0.020   | 3         | Pass    |
| 5MHz_High_QPSK_12@0     | 21.83                 | 12.05     | 0.016   | 3         | Pass    |
| 5MHz_High_QPSK_12@7     | 21.88                 | 12.10     | 0.016   | 3         | Pass    |
| 5MHz_High_QPSK_12@13    | 21.88                 | 12.10     | 0.016   | 3         | Pass    |
| 5MHz_High_QPSK_25@0     | 21.86                 | 12.08     | 0.016   | 3         | Pass    |
| 5MHz_High_16QAM_1@0     | 21.51                 | 11.73     | 0.015   | 3         | Pass    |
| 5MHz_High_16QAM_1@12    | 21.47                 | 11.69     | 0.015   | 3         | Pass    |
| 5MHz_High_16QAM_1@24    | 21.48                 | 11.70     | 0.015   | 3         | Pass    |
| 5MHz_High_16QAM_12@0    | 20.88                 | 11.10     | 0.013   | 3         | Pass    |
| 5MHz_High_16QAM_12@7    | 20.89                 | 11.11     | 0.013   | 3         | Pass    |
| 5MHz_High_16QAM_12@13   | 20.87                 | 11.09     | 0.013   | 3         | Pass    |
| 5MHz_High_16QAM_25@0    | 21.11                 | 11.33     | 0.014   | 3         | Pass    |
| 10MHz_Low_QPSK_1@0      | 22.95                 | 13.17     | 0.021   | 3         | Pass    |
| 10MHz_Low_QPSK_1@25     | 22.93                 | 13.15     | 0.021   | 3         | Pass    |
| 10MHz_Low_QPSK_1@49     | 23                    | 13.22     | 0.021   | 3         | Pass    |
| 10MHz_Low_QPSK_25@0     | 21.96                 | 12.18     | 0.017   | 3         | Pass    |
| 10MHz_Low_QPSK_25@12    | 21.93                 | 12.15     | 0.016   | 3         | Pass    |
| 10MHz_Low_QPSK_25@25    | 22                    | 12.22     | 0.017   | 3         | Pass    |
| 10MHz_Low_QPSK_50@0     | 21.99                 | 12.21     | 0.017   | 3         | Pass    |
| 10MHz_Low_16QAM_1@0     | 21.78                 | 12.00     | 0.016   | 3         | Pass    |



| Mode                     | Conducted Power (dBm) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|-----------|---------|-----------|---------|
| 10MHz_Low_16QAM_1@25     | 21.87                 | 12.09     | 0.016   | 3         | Pass    |
| 10MHz_Low_16QAM_1@49     | 21.92                 | 12.14     | 0.016   | 3         | Pass    |
| 10MHz_Low_16QAM_25@0     | 21.03                 | 11.25     | 0.013   | 3         | Pass    |
| 10MHz_Low_16QAM_25@12    | 21.36                 | 11.58     | 0.014   | 3         | Pass    |
| 10MHz_Low_16QAM_25@25    | 21.04                 | 11.26     | 0.013   | 3         | Pass    |
| 10MHz_Low_16QAM_50@0     | 21.35                 | 11.57     | 0.014   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@0    | 22.96                 | 13.18     | 0.021   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@25   | 22.97                 | 13.19     | 0.021   | 3         | Pass    |
| 10MHz_Middle_QPSK_1@49   | 23.03                 | 13.25     | 0.021   | 3         | Pass    |
| 10MHz_Middle_QPSK_25@0   | 21.92                 | 12.14     | 0.016   | 3         | Pass    |
| 10MHz_Middle_QPSK_25@12  | 21.93                 | 12.15     | 0.016   | 3         | Pass    |
| 10MHz_Middle_QPSK_25@25  | 21.99                 | 12.21     | 0.017   | 3         | Pass    |
| 10MHz_Middle_QPSK_50@0   | 21.94                 | 12.16     | 0.016   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@0   | 22.39                 | 12.61     | 0.018   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@25  | 22.34                 | 12.56     | 0.018   | 3         | Pass    |
| 10MHz_Middle_16QAM_1@49  | 22.38                 | 12.60     | 0.018   | 3         | Pass    |
| 10MHz_Middle_16QAM_25@0  | 21.38                 | 11.60     | 0.014   | 3         | Pass    |
| 10MHz_Middle_16QAM_25@12 | 21.30                 | 11.52     | 0.014   | 3         | Pass    |
| 10MHz_Middle_16QAM_25@25 | 21.03                 | 11.25     | 0.013   | 3         | Pass    |
| 10MHz_Middle_16QAM_50@0  | 21.31                 | 11.53     | 0.014   | 3         | Pass    |
| 10MHz_High_QPSK_1@0      | 22.91                 | 13.13     | 0.021   | 3         | Pass    |
| 10MHz_High_QPSK_1@25     | 22.92                 | 13.14     | 0.021   | 3         | Pass    |
| 10MHz_High_QPSK_1@49     | 23                    | 13.22     | 0.021   | 3         | Pass    |
| 10MHz_High_QPSK_25@0     | 21.88                 | 12.10     | 0.016   | 3         | Pass    |
| 10MHz_High_QPSK_25@12    | 21.92                 | 12.14     | 0.016   | 3         | Pass    |
| 10MHz_High_QPSK_25@25    | 21.89                 | 12.11     | 0.016   | 3         | Pass    |
| 10MHz_High_QPSK_50@0     | 21.93                 | 12.15     | 0.016   | 3         | Pass    |
| 10MHz_High_16QAM_1@0     | 22.04                 | 12.26     | 0.017   | 3         | Pass    |
| 10MHz_High_16QAM_1@25    | 22.04                 | 12.26     | 0.017   | 3         | Pass    |
| 10MHz_High_16QAM_1@49    | 22.16                 | 12.38     | 0.017   | 3         | Pass    |
| 10MHz_High_16QAM_25@0    | 21.28                 | 11.50     | 0.014   | 3         | Pass    |
| 10MHz_High_16QAM_25@12   | 21.25                 | 11.47     | 0.014   | 3         | Pass    |
| 10MHz_High_16QAM_25@25   | 20.99                 | 11.21     | 0.013   | 3         | Pass    |
| 10MHz_High_16QAM_50@0    | 21.28                 | 11.50     | 0.014   | 3         | Pass    |

**Note:**

**ERP = Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)**

**Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15**

**Band 17:**

**1.Antenna Gain = -6.63dBi;**

**2.Cable Loss = 1dB.**



## LTE Band 66, Normal

| Mode                    | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|------------|----------|-----------|---------|
| 1.4MHz_Low_QPSK_1@0     | 22.85                 | 20.56      | 0.114    | 1         | Pass    |
| 1.4MHz_Low_QPSK_1@3     | 22.89                 | 20.60      | 0.115    | 1         | Pass    |
| 1.4MHz_Low_QPSK_1@5     | 22.88                 | 20.59      | 0.115    | 1         | Pass    |
| 1.4MHz_Low_QPSK_3@0     | 22.61                 | 20.32      | 0.108    | 1         | Pass    |
| 1.4MHz_Low_QPSK_3@1     | 22.60                 | 20.31      | 0.107    | 1         | Pass    |
| 1.4MHz_Low_QPSK_3@3     | 22.69                 | 20.40      | 0.110    | 1         | Pass    |
| 1.4MHz_Low_QPSK_6@0     | 21.59                 | 19.30      | 0.085    | 1         | Pass    |
| 1.4MHz_Low_16QAM_1@0    | 22.67                 | 20.38      | 0.109    | 1         | Pass    |
| 1.4MHz_Low_16QAM_1@3    | 22.71                 | 20.42      | 0.110    | 1         | Pass    |
| 1.4MHz_Low_16QAM_1@5    | 22.76                 | 20.47      | 0.111    | 1         | Pass    |
| 1.4MHz_Low_16QAM_3@0    | 21.82                 | 19.53      | 0.090    | 1         | Pass    |
| 1.4MHz_Low_16QAM_3@1    | 21.84                 | 19.55      | 0.090    | 1         | Pass    |
| 1.4MHz_Low_16QAM_3@3    | 21.79                 | 19.50      | 0.089    | 1         | Pass    |
| 1.4MHz_Low_16QAM_6@0    | 20.61                 | 18.32      | 0.068    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_1@0  | 22.36                 | 20.07      | 0.102    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_1@3  | 22.41                 | 20.12      | 0.103    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_1@5  | 22.34                 | 20.05      | 0.101    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_3@0  | 22.43                 | 20.14      | 0.103    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_3@1  | 22.47                 | 20.18      | 0.104    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_3@3  | 22.49                 | 20.20      | 0.105    | 1         | Pass    |
| 1.4MHz_Middle_QPSK_6@0  | 21.54                 | 19.25      | 0.084    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_1@0 | 22.14                 | 19.85      | 0.097    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_1@3 | 22.13                 | 19.84      | 0.096    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_1@5 | 22.11                 | 19.82      | 0.096    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_3@0 | 21.74                 | 19.45      | 0.088    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_3@1 | 21.76                 | 19.47      | 0.089    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_3@3 | 21.77                 | 19.48      | 0.089    | 1         | Pass    |
| 1.4MHz_Middle_16QAM_6@0 | 20.50                 | 18.21      | 0.066    | 1         | Pass    |
| 1.4MHz_High_QPSK_1@0    | 22.70                 | 20.41      | 0.110    | 1         | Pass    |
| 1.4MHz_High_QPSK_1@3    | 22.67                 | 20.38      | 0.109    | 1         | Pass    |
| 1.4MHz_High_QPSK_1@5    | 22.72                 | 20.43      | 0.110    | 1         | Pass    |
| 1.4MHz_High_QPSK_3@0    | 22.62                 | 20.33      | 0.108    | 1         | Pass    |
| 1.4MHz_High_QPSK_3@1    | 22.50                 | 20.21      | 0.105    | 1         | Pass    |

| Mode                   | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|------------------------|-----------------------|------------|----------|-----------|---------|
| 1.4MHz_High_QPSK_3@3   | 22.54                 | 20.25      | 0.106    | 1         | Pass    |
| 1.4MHz_High_QPSK_6@0   | 21.48                 | 19.19      | 0.083    | 1         | Pass    |
| 1.4MHz_High_16QAM_1@0  | 22.68                 | 20.39      | 0.109    | 1         | Pass    |
| 1.4MHz_High_16QAM_1@3  | 22.64                 | 20.35      | 0.108    | 1         | Pass    |
| 1.4MHz_High_16QAM_1@5  | 21.60                 | 19.31      | 0.085    | 1         | Pass    |
| 1.4MHz_High_16QAM_3@0  | 21.44                 | 19.15      | 0.082    | 1         | Pass    |
| 1.4MHz_High_16QAM_3@1  | 21.80                 | 19.51      | 0.089    | 1         | Pass    |
| 1.4MHz_High_16QAM_3@3  | 21.76                 | 19.47      | 0.089    | 1         | Pass    |
| 1.4MHz_High_16QAM_6@0  | 20.62                 | 18.33      | 0.068    | 1         | Pass    |
| 3MHz_Low_QPSK_1@0      | 22.67                 | 20.38      | 0.109    | 1         | Pass    |
| 3MHz_Low_QPSK_1@8      | 22.67                 | 20.38      | 0.109    | 1         | Pass    |
| 3MHz_Low_QPSK_1@14     | 22.68                 | 20.39      | 0.109    | 1         | Pass    |
| 3MHz_Low_QPSK_8@0      | 21.59                 | 19.30      | 0.085    | 1         | Pass    |
| 3MHz_Low_QPSK_8@4      | 21.66                 | 19.37      | 0.086    | 1         | Pass    |
| 3MHz_Low_QPSK_8@7      | 21.59                 | 19.30      | 0.085    | 1         | Pass    |
| 3MHz_Low_QPSK_15@0     | 21.56                 | 19.27      | 0.085    | 1         | Pass    |
| 3MHz_Low_16QAM_1@0     | 22.48                 | 20.19      | 0.104    | 1         | Pass    |
| 3MHz_Low_16QAM_1@8     | 22.47                 | 20.18      | 0.104    | 1         | Pass    |
| 3MHz_Low_16QAM_1@14    | 22.49                 | 20.20      | 0.105    | 1         | Pass    |
| 3MHz_Low_16QAM_8@0     | 20.63                 | 18.34      | 0.068    | 1         | Pass    |
| 3MHz_Low_16QAM_8@4     | 20.65                 | 18.36      | 0.069    | 1         | Pass    |
| 3MHz_Low_16QAM_8@7     | 20.66                 | 18.37      | 0.069    | 1         | Pass    |
| 3MHz_Low_16QAM_15@0    | 20.79                 | 18.50      | 0.071    | 1         | Pass    |
| 3MHz_Middle_QPSK_1@0   | 22.34                 | 20.05      | 0.101    | 1         | Pass    |
| 3MHz_Middle_QPSK_1@8   | 22.36                 | 20.07      | 0.102    | 1         | Pass    |
| 3MHz_Middle_QPSK_1@14  | 22.36                 | 20.07      | 0.102    | 1         | Pass    |
| 3MHz_Middle_QPSK_8@0   | 21.52                 | 19.23      | 0.084    | 1         | Pass    |
| 3MHz_Middle_QPSK_8@4   | 21.48                 | 19.19      | 0.083    | 1         | Pass    |
| 3MHz_Middle_QPSK_8@7   | 21.52                 | 19.23      | 0.084    | 1         | Pass    |
| 3MHz_Middle_QPSK_15@0  | 21.51                 | 19.22      | 0.084    | 1         | Pass    |
| 3MHz_Middle_16QAM_1@0  | 22.10                 | 19.81      | 0.096    | 1         | Pass    |
| 3MHz_Middle_16QAM_1@8  | 22.08                 | 19.79      | 0.095    | 1         | Pass    |
| 3MHz_Middle_16QAM_1@14 | 22.08                 | 19.79      | 0.095    | 1         | Pass    |
| 3MHz_Middle_16QAM_8@0  | 20.71                 | 18.42      | 0.070    | 1         | Pass    |

| Mode                   | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|------------------------|-----------------------|------------|----------|-----------|---------|
| 3MHz_Middle_16QAM_8@4  | 20.75                 | 18.46      | 0.070    | 1         | Pass    |
| 3MHz_Middle_16QAM_8@7  | 20.72                 | 18.43      | 0.070    | 1         | Pass    |
| 3MHz_Middle_16QAM_15@0 | 20.73                 | 18.44      | 0.070    | 1         | Pass    |
| 3MHz_High_QPSK_1@0     | 22.77                 | 20.48      | 0.112    | 1         | Pass    |
| 3MHz_High_QPSK_1@8     | 22.81                 | 20.52      | 0.113    | 1         | Pass    |
| 3MHz_High_QPSK_1@14    | 22.87                 | 20.58      | 0.114    | 1         | Pass    |
| 3MHz_High_QPSK_8@0     | 21.57                 | 19.28      | 0.085    | 1         | Pass    |
| 3MHz_High_QPSK_8@4     | 21.60                 | 19.31      | 0.085    | 1         | Pass    |
| 3MHz_High_QPSK_8@7     | 21.64                 | 19.35      | 0.086    | 1         | Pass    |
| 3MHz_High_QPSK_15@0    | 21.63                 | 19.34      | 0.086    | 1         | Pass    |
| 3MHz_High_16QAM_1@0    | 22.28                 | 19.99      | 0.100    | 1         | Pass    |
| 3MHz_High_16QAM_1@8    | 22.23                 | 19.94      | 0.099    | 1         | Pass    |
| 3MHz_High_16QAM_1@14   | 22.26                 | 19.97      | 0.099    | 1         | Pass    |
| 3MHz_High_16QAM_8@0    | 20.75                 | 18.46      | 0.070    | 1         | Pass    |
| 3MHz_High_16QAM_8@4    | 20.78                 | 18.49      | 0.071    | 1         | Pass    |
| 3MHz_High_16QAM_8@7    | 20.66                 | 18.37      | 0.069    | 1         | Pass    |
| 3MHz_High_16QAM_15@0   | 20.59                 | 18.30      | 0.068    | 1         | Pass    |
| 5MHz_Low_QPSK_1@0      | 22.91                 | 20.62      | 0.115    | 1         | Pass    |
| 5MHz_Low_QPSK_1@12     | 22.93                 | 20.64      | 0.116    | 1         | Pass    |
| 5MHz_Low_QPSK_1@24     | 22.89                 | 20.60      | 0.115    | 1         | Pass    |
| 5MHz_Low_QPSK_12@0     | 21.65                 | 19.36      | 0.086    | 1         | Pass    |
| 5MHz_Low_QPSK_12@7     | 21.61                 | 19.32      | 0.086    | 1         | Pass    |
| 5MHz_Low_QPSK_12@13    | 21.71                 | 19.42      | 0.087    | 1         | Pass    |
| 5MHz_Low_QPSK_25@0     | 21.71                 | 19.42      | 0.087    | 1         | Pass    |
| 5MHz_Low_16QAM_1@0     | 21.30                 | 19.01      | 0.080    | 1         | Pass    |
| 5MHz_Low_16QAM_1@12    | 21.31                 | 19.02      | 0.080    | 1         | Pass    |
| 5MHz_Low_16QAM_1@24    | 21.34                 | 19.05      | 0.080    | 1         | Pass    |
| 5MHz_Low_16QAM_12@0    | 20.64                 | 18.35      | 0.068    | 1         | Pass    |
| 5MHz_Low_16QAM_12@7    | 20.64                 | 18.35      | 0.068    | 1         | Pass    |
| 5MHz_Low_16QAM_12@13   | 20.61                 | 18.32      | 0.068    | 1         | Pass    |
| 5MHz_Low_16QAM_25@0    | 20.96                 | 18.67      | 0.074    | 1         | Pass    |
| 5MHz_Middle_QPSK_1@0   | 22.36                 | 20.07      | 0.102    | 1         | Pass    |
| 5MHz_Middle_QPSK_1@12  | 22.38                 | 20.09      | 0.102    | 1         | Pass    |
| 5MHz_Middle_QPSK_1@24  | 22.42                 | 20.13      | 0.103    | 1         | Pass    |

| Mode                    | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-------------------------|-----------------------|------------|----------|-----------|---------|
| 5MHz_Middle_QPSK_12@0   | 21.56                 | 19.27      | 0.085    | 1         | Pass    |
| 5MHz_Middle_QPSK_12@7   | 21.56                 | 19.27      | 0.085    | 1         | Pass    |
| 5MHz_Middle_QPSK_12@13  | 21.55                 | 19.26      | 0.084    | 1         | Pass    |
| 5MHz_Middle_QPSK_25@0   | 21.59                 | 19.30      | 0.085    | 1         | Pass    |
| 5MHz_Middle_16QAM_1@0   | 21.72                 | 19.43      | 0.088    | 1         | Pass    |
| 5MHz_Middle_16QAM_1@12  | 21.79                 | 19.50      | 0.089    | 1         | Pass    |
| 5MHz_Middle_16QAM_1@24  | 21.75                 | 19.46      | 0.088    | 1         | Pass    |
| 5MHz_Middle_16QAM_12@0  | 20.76                 | 18.47      | 0.070    | 1         | Pass    |
| 5MHz_Middle_16QAM_12@7  | 20.75                 | 18.46      | 0.070    | 1         | Pass    |
| 5MHz_Middle_16QAM_12@13 | 20.79                 | 18.50      | 0.071    | 1         | Pass    |
| 5MHz_Middle_16QAM_25@0  | 20.62                 | 18.33      | 0.068    | 1         | Pass    |
| 5MHz_High_QPSK_1@0      | 22.53                 | 20.24      | 0.106    | 1         | Pass    |
| 5MHz_High_QPSK_1@12     | 22.46                 | 20.17      | 0.104    | 1         | Pass    |
| 5MHz_High_QPSK_1@24     | 22.50                 | 20.21      | 0.105    | 1         | Pass    |
| 5MHz_High_QPSK_12@0     | 21.46                 | 19.17      | 0.083    | 1         | Pass    |
| 5MHz_High_QPSK_12@7     | 21.59                 | 19.30      | 0.085    | 1         | Pass    |
| 5MHz_High_QPSK_12@13    | 21.59                 | 19.30      | 0.085    | 1         | Pass    |
| 5MHz_High_QPSK_25@0     | 21.49                 | 19.20      | 0.083    | 1         | Pass    |
| 5MHz_High_16QAM_1@0     | 21.55                 | 19.26      | 0.084    | 1         | Pass    |
| 5MHz_High_16QAM_1@12    | 21.48                 | 19.19      | 0.083    | 1         | Pass    |
| 5MHz_High_16QAM_1@24    | 21.57                 | 19.28      | 0.085    | 1         | Pass    |
| 5MHz_High_16QAM_12@0    | 20.53                 | 18.24      | 0.067    | 1         | Pass    |
| 5MHz_High_16QAM_12@7    | 20.53                 | 18.24      | 0.067    | 1         | Pass    |
| 5MHz_High_16QAM_12@13   | 20.54                 | 18.25      | 0.067    | 1         | Pass    |
| 5MHz_High_16QAM_25@0    | 20.83                 | 18.54      | 0.071    | 1         | Pass    |
| 10MHz_Low_QPSK_1@0      | 22.60                 | 20.31      | 0.107    | 1         | Pass    |
| 10MHz_Low_QPSK_1@25     | 22.61                 | 20.32      | 0.108    | 1         | Pass    |
| 10MHz_Low_QPSK_1@49     | 22.64                 | 20.35      | 0.108    | 1         | Pass    |
| 10MHz_Low_QPSK_25@0     | 21.66                 | 19.37      | 0.086    | 1         | Pass    |
| 10MHz_Low_QPSK_25@12    | 21.60                 | 19.31      | 0.085    | 1         | Pass    |
| 10MHz_Low_QPSK_25@25    | 21.65                 | 19.36      | 0.086    | 1         | Pass    |
| 10MHz_Low_QPSK_50@0     | 21.54                 | 19.25      | 0.084    | 1         | Pass    |
| 10MHz_Low_16QAM_1@0     | 22.34                 | 20.05      | 0.101    | 1         | Pass    |
| 10MHz_Low_16QAM_1@25    | 22.34                 | 20.05      | 0.101    | 1         | Pass    |

| Mode                     | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|------------|----------|-----------|---------|
| 10MHz_Low_16QAM_1@49     | 22.44                 | 20.15      | 0.104    | 1         | Pass    |
| 10MHz_Low_16QAM_25@0     | 20.74                 | 18.45      | 0.070    | 1         | Pass    |
| 10MHz_Low_16QAM_25@12    | 20.82                 | 18.53      | 0.071    | 1         | Pass    |
| 10MHz_Low_16QAM_25@25    | 20.78                 | 18.49      | 0.071    | 1         | Pass    |
| 10MHz_Low_16QAM_50@0     | 20.76                 | 18.47      | 0.070    | 1         | Pass    |
| 10MHz_Middle_QPSK_1@0    | 22.54                 | 20.25      | 0.106    | 1         | Pass    |
| 10MHz_Middle_QPSK_1@25   | 22.59                 | 20.30      | 0.107    | 1         | Pass    |
| 10MHz_Middle_QPSK_1@49   | 22.62                 | 20.33      | 0.108    | 1         | Pass    |
| 10MHz_Middle_QPSK_25@0   | 21.66                 | 19.37      | 0.086    | 1         | Pass    |
| 10MHz_Middle_QPSK_25@12  | 21.64                 | 19.35      | 0.086    | 1         | Pass    |
| 10MHz_Middle_QPSK_25@25  | 21.60                 | 19.31      | 0.085    | 1         | Pass    |
| 10MHz_Middle_QPSK_50@0   | 21.54                 | 19.25      | 0.084    | 1         | Pass    |
| 10MHz_Middle_16QAM_1@0   | 22.16                 | 19.87      | 0.097    | 1         | Pass    |
| 10MHz_Middle_16QAM_1@25  | 22.17                 | 19.88      | 0.097    | 1         | Pass    |
| 10MHz_Middle_16QAM_1@49  | 22.19                 | 19.90      | 0.098    | 1         | Pass    |
| 10MHz_Middle_16QAM_25@0  | 20.79                 | 18.50      | 0.071    | 1         | Pass    |
| 10MHz_Middle_16QAM_25@12 | 20.69                 | 18.40      | 0.069    | 1         | Pass    |
| 10MHz_Middle_16QAM_25@25 | 20.79                 | 18.50      | 0.071    | 1         | Pass    |
| 10MHz_Middle_16QAM_50@0  | 20.77                 | 18.48      | 0.070    | 1         | Pass    |
| 10MHz_High_QPSK_1@0      | 22.60                 | 20.31      | 0.107    | 1         | Pass    |
| 10MHz_High_QPSK_1@25     | 22.64                 | 20.35      | 0.108    | 1         | Pass    |
| 10MHz_High_QPSK_1@49     | 22.69                 | 20.40      | 0.110    | 1         | Pass    |
| 10MHz_High_QPSK_25@0     | 21.52                 | 19.23      | 0.084    | 1         | Pass    |
| 10MHz_High_QPSK_25@12    | 21.60                 | 19.31      | 0.085    | 1         | Pass    |
| 10MHz_High_QPSK_25@25    | 21.57                 | 19.28      | 0.085    | 1         | Pass    |
| 10MHz_High_QPSK_50@0     | 21.70                 | 19.41      | 0.087    | 1         | Pass    |
| 10MHz_High_16QAM_1@0     | 22.41                 | 20.12      | 0.103    | 1         | Pass    |
| 10MHz_High_16QAM_1@25    | 22.40                 | 20.11      | 0.103    | 1         | Pass    |
| 10MHz_High_16QAM_1@49    | 22.47                 | 20.18      | 0.104    | 1         | Pass    |
| 10MHz_High_16QAM_25@0    | 20.68                 | 18.39      | 0.069    | 1         | Pass    |
| 10MHz_High_16QAM_25@12   | 20.64                 | 18.35      | 0.068    | 1         | Pass    |
| 10MHz_High_16QAM_25@25   | 20.66                 | 18.37      | 0.069    | 1         | Pass    |
| 10MHz_High_16QAM_50@0    | 20.68                 | 18.39      | 0.069    | 1         | Pass    |
| 15MHz_Low_QPSK_1@0       | 22.62                 | 20.33      | 0.108    | 1         | Pass    |

| Mode                     | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|------------|----------|-----------|---------|
| 15MHz_Low_QPSK_1@37      | 22.65                 | 20.36      | 0.109    | 1         | Pass    |
| 15MHz_Low_QPSK_1@74      | 22.66                 | 20.37      | 0.109    | 1         | Pass    |
| 15MHz_Low_QPSK_36@0      | 21.65                 | 19.36      | 0.086    | 1         | Pass    |
| 15MHz_Low_QPSK_36@20     | 21.55                 | 19.26      | 0.084    | 1         | Pass    |
| 15MHz_Low_QPSK_36@39     | 21.70                 | 19.41      | 0.087    | 1         | Pass    |
| 15MHz_Low_QPSK_75@0      | 21.69                 | 19.40      | 0.087    | 1         | Pass    |
| 15MHz_Low_16QAM_1@0      | 22.33                 | 20.04      | 0.101    | 1         | Pass    |
| 15MHz_Low_16QAM_1@37     | 22.40                 | 20.11      | 0.103    | 1         | Pass    |
| 15MHz_Low_16QAM_1@74     | 22.49                 | 20.20      | 0.105    | 1         | Pass    |
| 15MHz_Low_16QAM_36@0     | 20.71                 | 18.42      | 0.070    | 1         | Pass    |
| 15MHz_Low_16QAM_36@20    | 20.69                 | 18.40      | 0.069    | 1         | Pass    |
| 15MHz_Low_16QAM_36@39    | 20.69                 | 18.40      | 0.069    | 1         | Pass    |
| 15MHz_Low_16QAM_75@0     | 20.71                 | 18.42      | 0.070    | 1         | Pass    |
| 15MHz_Middle_QPSK_1@0    | 22.43                 | 20.14      | 0.103    | 1         | Pass    |
| 15MHz_Middle_QPSK_1@37   | 22.41                 | 20.12      | 0.103    | 1         | Pass    |
| 15MHz_Middle_QPSK_1@74   | 22.42                 | 20.13      | 0.103    | 1         | Pass    |
| 15MHz_Middle_QPSK_36@0   | 21.61                 | 19.32      | 0.086    | 1         | Pass    |
| 15MHz_Middle_QPSK_36@20  | 21.60                 | 19.31      | 0.085    | 1         | Pass    |
| 15MHz_Middle_QPSK_36@39  | 21.58                 | 19.29      | 0.085    | 1         | Pass    |
| 15MHz_Middle_QPSK_75@0   | 21.59                 | 19.30      | 0.085    | 1         | Pass    |
| 15MHz_Middle_16QAM_1@0   | 22.47                 | 20.18      | 0.104    | 1         | Pass    |
| 15MHz_Middle_16QAM_1@37  | 22.46                 | 20.17      | 0.104    | 1         | Pass    |
| 15MHz_Middle_16QAM_1@74  | 22.51                 | 20.22      | 0.105    | 1         | Pass    |
| 15MHz_Middle_16QAM_36@0  | 20.77                 | 18.48      | 0.070    | 1         | Pass    |
| 15MHz_Middle_16QAM_36@20 | 20.79                 | 18.50      | 0.071    | 1         | Pass    |
| 15MHz_Middle_16QAM_36@39 | 20.81                 | 18.52      | 0.071    | 1         | Pass    |
| 15MHz_Middle_16QAM_75@0  | 20.56                 | 18.27      | 0.067    | 1         | Pass    |
| 15MHz_High_QPSK_1@0      | 22.61                 | 20.32      | 0.108    | 1         | Pass    |
| 15MHz_High_QPSK_1@37     | 22.58                 | 20.29      | 0.107    | 1         | Pass    |
| 15MHz_High_QPSK_1@74     | 22.63                 | 20.34      | 0.108    | 1         | Pass    |
| 15MHz_High_QPSK_36@0     | 21.53                 | 19.24      | 0.084    | 1         | Pass    |
| 15MHz_High_QPSK_36@20    | 21.46                 | 19.17      | 0.083    | 1         | Pass    |
| 15MHz_High_QPSK_36@39    | 21.53                 | 19.24      | 0.084    | 1         | Pass    |
| 15MHz_High_QPSK_75@0     | 21.48                 | 19.19      | 0.083    | 1         | Pass    |

| Mode                     | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|------------|----------|-----------|---------|
| 15MHz_High_16QAM_1@0     | 22.36                 | 20.07      | 0.102    | 1         | Pass    |
| 15MHz_High_16QAM_1@37    | 22.39                 | 20.10      | 0.102    | 1         | Pass    |
| 15MHz_High_16QAM_1@74    | 22.43                 | 20.14      | 0.103    | 1         | Pass    |
| 15MHz_High_16QAM_36@0    | 20.62                 | 18.33      | 0.068    | 1         | Pass    |
| 15MHz_High_16QAM_36@20   | 20.63                 | 18.34      | 0.068    | 1         | Pass    |
| 15MHz_High_16QAM_36@39   | 20.61                 | 18.32      | 0.068    | 1         | Pass    |
| 15MHz_High_16QAM_75@0    | 20.71                 | 18.42      | 0.070    | 1         | Pass    |
| 20MHz_Low_QPSK_1@0       | 22.81                 | 20.52      | 0.113    | 1         | Pass    |
| 20MHz_Low_QPSK_1@49      | 22.84                 | 20.55      | 0.114    | 1         | Pass    |
| 20MHz_Low_QPSK_1@99      | 22.93                 | 20.64      | 0.116    | 1         | Pass    |
| 20MHz_Low_QPSK_50@0      | 21.62                 | 19.33      | 0.086    | 1         | Pass    |
| 20MHz_Low_QPSK_50@24     | 21.55                 | 19.26      | 0.084    | 1         | Pass    |
| 20MHz_Low_QPSK_50@50     | 21.65                 | 19.36      | 0.086    | 1         | Pass    |
| 20MHz_Low_QPSK_100@0     | 21.58                 | 19.29      | 0.085    | 1         | Pass    |
| 20MHz_Low_16QAM_1@0      | 21.26                 | 18.97      | 0.079    | 1         | Pass    |
| 20MHz_Low_16QAM_1@49     | 21.26                 | 18.97      | 0.079    | 1         | Pass    |
| 20MHz_Low_16QAM_1@99     | 21.47                 | 19.18      | 0.083    | 1         | Pass    |
| 20MHz_Low_16QAM_50@0     | 20.74                 | 18.45      | 0.070    | 1         | Pass    |
| 20MHz_Low_16QAM_50@24    | 20.79                 | 18.50      | 0.071    | 1         | Pass    |
| 20MHz_Low_16QAM_50@50    | 20.77                 | 18.48      | 0.070    | 1         | Pass    |
| 20MHz_Low_16QAM_100@0    | 20.67                 | 18.38      | 0.069    | 1         | Pass    |
| 20MHz_Middle_QPSK_1@0    | 22.53                 | 20.24      | 0.106    | 1         | Pass    |
| 20MHz_Middle_QPSK_1@49   | 22.47                 | 20.18      | 0.104    | 1         | Pass    |
| 20MHz_Middle_QPSK_1@99   | 22.54                 | 20.25      | 0.106    | 1         | Pass    |
| 20MHz_Middle_QPSK_50@0   | 21.58                 | 19.29      | 0.085    | 1         | Pass    |
| 20MHz_Middle_QPSK_50@24  | 21.52                 | 19.23      | 0.084    | 1         | Pass    |
| 20MHz_Middle_QPSK_50@50  | 21.61                 | 19.32      | 0.086    | 1         | Pass    |
| 20MHz_Middle_QPSK_100@0  | 21.61                 | 19.32      | 0.086    | 1         | Pass    |
| 20MHz_Middle_16QAM_1@0   | 22                    | 19.71      | 0.094    | 1         | Pass    |
| 20MHz_Middle_16QAM_1@49  | 21.92                 | 19.63      | 0.092    | 1         | Pass    |
| 20MHz_Middle_16QAM_1@99  | 22.05                 | 19.76      | 0.095    | 1         | Pass    |
| 20MHz_Middle_16QAM_50@0  | 20.64                 | 18.35      | 0.068    | 1         | Pass    |
| 20MHz_Middle_16QAM_50@24 | 20.63                 | 18.34      | 0.068    | 1         | Pass    |
| 20MHz_Middle_16QAM_50@50 | 20.59                 | 18.30      | 0.068    | 1         | Pass    |



| Mode                     | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------------------|-----------------------|------------|----------|-----------|---------|
| 20MHz_Middle_16QAM_100@0 | 20.66                 | 18.37      | 0.069    | 1         | Pass    |
| 20MHz_High_QPSK_1@0      | 22.66                 | 20.37      | 0.109    | 1         | Pass    |
| 20MHz_High_QPSK_1@49     | 22.69                 | 20.40      | 0.110    | 1         | Pass    |
| 20MHz_High_QPSK_1@99     | 22.80                 | 20.51      | 0.112    | 1         | Pass    |
| 20MHz_High_QPSK_50@0     | 21.58                 | 19.29      | 0.085    | 1         | Pass    |
| 20MHz_High_QPSK_50@24    | 21.57                 | 19.28      | 0.085    | 1         | Pass    |
| 20MHz_High_QPSK_50@50    | 21.55                 | 19.26      | 0.084    | 1         | Pass    |
| 20MHz_High_QPSK_100@0    | 21.53                 | 19.24      | 0.084    | 1         | Pass    |
| 20MHz_High_16QAM_1@0     | 21.32                 | 19.03      | 0.080    | 1         | Pass    |
| 20MHz_High_16QAM_1@49    | 21.34                 | 19.05      | 0.080    | 1         | Pass    |
| 20MHz_High_16QAM_1@99    | 21.45                 | 19.16      | 0.082    | 1         | Pass    |
| 20MHz_High_16QAM_50@0    | 20.58                 | 18.29      | 0.067    | 1         | Pass    |
| 20MHz_High_16QAM_50@24   | 20.58                 | 18.29      | 0.067    | 1         | Pass    |
| 20MHz_High_16QAM_50@50   | 20.62                 | 18.33      | 0.068    | 1         | Pass    |
| 20MHz_High_16QAM_100@0   | 20.63                 | 18.34      | 0.068    | 1         | Pass    |

**Note:**  
**EIRP = Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)**  
**Band 66:**  
**1.Antenna Gain = -1.29dBi;**  
**2.Cable Loss = 1dB.**

Peak-to-average Ratio(PAR)

FCC Part 22H

LTE Band 5, Normal

| Mode                    | Result (dB) | Limit (dB) |
|-------------------------|-------------|------------|
| 10MHz_Low_QPSK_1@0      | 5.19        | 13         |
| 10MHz_Low_QPSK_50@0     | 5.13        | 13         |
| 10MHz_Low_16QAM_1@0     | 5.77        | 13         |
| 10MHz_Low_16QAM_50@0    | 5.97        | 13         |
| 10MHz_Middle_QPSK_1@0   | 4.87        | 13         |
| 10MHz_Middle_QPSK_50@0  | 4.90        | 13         |
| 10MHz_Middle_16QAM_1@0  | 5.94        | 13         |
| 10MHz_Middle_16QAM_50@0 | 5.83        | 13         |
| 10MHz_High_QPSK_1@0     | 4.81        | 13         |
| 10MHz_High_QPSK_50@0    | 4.93        | 13         |
| 10MHz_High_16QAM_1@0    | 5.42        | 13         |
| 10MHz_High_16QAM_50@0   | 5.80        | 13         |

Note:worst case.

FCC Part 24E

LTE Band 2, Normal

| Mode                     | Result (dB) | Limit (dB) |
|--------------------------|-------------|------------|
| 20MHz_Low_QPSK_1@0       | 4.81        | 13         |
| 20MHz_Low_QPSK_100@0     | 5.25        | 13         |
| 20MHz_Low_16QAM_1@0      | 5.86        | 13         |
| 20MHz_Low_16QAM_100@0    | 6.06        | 13         |
| 20MHz_Middle_QPSK_1@0    | 5.36        | 13         |
| 20MHz_Middle_QPSK_100@0  | 5.30        | 13         |
| 20MHz_Middle_16QAM_1@0   | 6.23        | 13         |
| 20MHz_Middle_16QAM_100@0 | 6.09        | 13         |
| 20MHz_High_QPSK_1@0      | 5.13        | 13         |
| 20MHz_High_QPSK_100@0    | 5.39        | 13         |
| 20MHz_High_16QAM_1@0     | 6.29        | 13         |
| 20MHz_High_16QAM_100@0   | 6.20        | 13         |

Note:worst case.

FCC Part 27

LTE Band 4, Normal

| Mode                     | Result (dB) | Limit (dB) |
|--------------------------|-------------|------------|
| 20MHz_Low_QPSK_1@0       | 4.67        | 13         |
| 20MHz_Low_QPSK_100@0     | 5.25        | 13         |
| 20MHz_Low_16QAM_1@0      | 5.88        | 13         |
| 20MHz_Low_16QAM_100@0    | 6.12        | 13         |
| 20MHz_Middle_QPSK_1@0    | 5.22        | 13         |
| 20MHz_Middle_QPSK_100@0  | 5.04        | 13         |
| 20MHz_Middle_16QAM_1@0   | 6.38        | 13         |
| 20MHz_Middle_16QAM_100@0 | 5.94        | 13         |
| 20MHz_High_QPSK_1@0      | 8.43        | 13         |
| 20MHz_High_QPSK_100@0    | 4.90        | 13         |
| 20MHz_High_16QAM_1@0     | 6.12        | 13         |
| 20MHz_High_16QAM_100@0   | 5.77        | 13         |

LTE Band 12, Normal

| Mode                    | Result (dB) | Limit (dB) |
|-------------------------|-------------|------------|
| 10MHz_Low_QPSK_1@0      | 5.57        | 13         |
| 10MHz_Low_QPSK_50@0     | 5.25        | 13         |
| 10MHz_Low_16QAM_1@0     | 6.23        | 13         |
| 10MHz_Low_16QAM_50@0    | 6.03        | 13         |
| 10MHz_Middle_QPSK_1@0   | 5.42        | 13         |
| 10MHz_Middle_QPSK_50@0  | 5.04        | 13         |
| 10MHz_Middle_16QAM_1@0  | 6.20        | 13         |
| 10MHz_Middle_16QAM_50@0 | 6           | 13         |
| 10MHz_High_QPSK_1@0     | 5.42        | 13         |
| 10MHz_High_QPSK_50@0    | 5.19        | 13         |
| 10MHz_High_16QAM_1@0    | 5.59        | 13         |
| 10MHz_High_16QAM_50@0   | 6.03        | 13         |

LTE Band 13, Normal

| Mode                    | Result (dB) | Limit (dB) |
|-------------------------|-------------|------------|
| 10MHz_Middle_QPSK_1@0   | 5.01        | 13         |
| 10MHz_Middle_QPSK_50@0  | 5.33        | 13         |
| 10MHz_Middle_16QAM_1@0  | 5.71        | 13         |
| 10MHz_Middle_16QAM_50@0 | 6.23        | 13         |

LTE Band 17, Normal

| Mode                    | Result (dB) | Limit (dB) |
|-------------------------|-------------|------------|
| 10MHz_Low_QPSK_1@0      | 5.39        | 13         |
| 10MHz_Low_QPSK_50@0     | 5.07        | 13         |
| 10MHz_Low_16QAM_1@0     | 6.20        | 13         |
| 10MHz_Low_16QAM_50@0    | 6           | 13         |
| 10MHz_Middle_QPSK_1@0   | 5.48        | 13         |
| 10MHz_Middle_QPSK_50@0  | 5.16        | 13         |
| 10MHz_Middle_16QAM_1@0  | 5.65        | 13         |
| 10MHz_Middle_16QAM_50@0 | 6.06        | 13         |
| 10MHz_High_QPSK_1@0     | 5.22        | 13         |
| 10MHz_High_QPSK_50@0    | 5.16        | 13         |
| 10MHz_High_16QAM_1@0    | 5.94        | 13         |
| 10MHz_High_16QAM_50@0   | 6.03        | 13         |

LTE Band 66, Normal

| Mode                     | Result (dB) | Limit (dB) |
|--------------------------|-------------|------------|
| 20MHz_Low_QPSK_1@0       | 4.75        | 13         |
| 20MHz_Low_QPSK_100@0     | 5.30        | 13         |
| 20MHz_Low_16QAM_1@0      | 6           | 13         |
| 20MHz_Low_16QAM_100@0    | 6.12        | 13         |
| 20MHz_Middle_QPSK_1@0    | 4.61        | 13         |
| 20MHz_Middle_QPSK_100@0  | 4.90        | 13         |
| 20MHz_Middle_16QAM_1@0   | 5.97        | 13         |
| 20MHz_Middle_16QAM_100@0 | 5.71        | 13         |
| 20MHz_High_QPSK_1@0      | 4.93        | 13         |
| 20MHz_High_QPSK_100@0    | 5.33        | 13         |

| Mode                   | Result (dB) | Limit (dB) |
|------------------------|-------------|------------|
| 20MHz_High_16QAM_1@0   | 6.14        | 13         |
| 20MHz_High_16QAM_100@0 | 6.14        | 13         |

Note:worst case.