



# FCC RADIO TEST REPORT

**FCC ID** : 2AJN7-TP00144A  
**Equipment** : Notebook  
**Brand Name** : Lenovo  
**Model Name** : TP00144A  
**Applicant** : LC Future Center Limited Taiwan Branch  
7F., No.780, Beian Rd., Zhongshan Dist., Taipei  
104, Taiwan  
**Manufacturer** : LCFC (HeFei) Electronics Technology Co., Ltd.  
No. 3188-1, Yungu Road (Hefei Export  
Processing Zone), Hefei Economics &  
Technology Development Area, Anhui, CHINA  
**Standard** : FCC 47 CFR Part 2, 22(H), 24(E), 27

Equipment: Fibocom FM350-GL tested inside of Lenovo Notebook Computer.

The product was received on Jul. 14, 2022 and testing was performed from Jul. 23, 2022 to Sep. 07, 2022. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this partial report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

*Louis Wu*

Approved by: Louis Wu

**Sporton International Inc. Wensan Laboratory**



# Table of Contents

**History of this test report..... 3**

**Summary of Test Result..... 4**

**1 General Description ..... 6**

    1.1 Product Feature of Equipment Under Test..... 6

    1.2 Product Specification of Equipment Under Test..... 8

    1.3 Modification of EUT ..... 9

    1.4 Testing Location ..... 10

    1.5 Applicable Standards..... 10

**2 Test Configuration of Equipment Under Test ..... 11**

    2.1 Test Mode..... 11

    2.2 Connection Diagram of Test System..... 14

    2.3 Support Unit used in test configuration and system ..... 15

    2.4 Frequency List of Low/Middle/High Channels..... 15

**3 Conducted Test Items..... 27**

    3.1 Measuring Instruments ..... 27

    3.2 Conducted Output Power and ERP/EIRP ..... 28

**4 Radiated Test Items ..... 29**

    4.1 Measuring Instruments ..... 29

    4.2 Radiated Spurious Emission Measurement ..... 31

**5 List of Measuring Equipment..... 32**

**6 Uncertainty of Evaluation..... 34**

**Appendix A. Test Results of Conducted Test**

**Appendix B. Test Results of Radiated Test**

**Appendix C. Test Setup Photographs**



### History of this test report

| Report No. | Version | Description             | Issue Date    |
|------------|---------|-------------------------|---------------|
| FG271304B  | 01      | Initial issue of report | Sep. 15, 2022 |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |
|            |         |                         |               |



### Summary of Test Result

| Report Clause | Ref Std. Clause   | Test Items   | Result (PASS/FAIL) | Remark   |
|---------------|---|--|--------------------|----------|
| 3.2           | §2.1046   | Conducted Output Power   | Reporting only     | -        |
|               | §22.913 (a)(5)  | Effective Radiated Power (Band 5) (Band 26)  | Pass               |          |
|               | §27.50 (b)(10)<br>§27.50 (c)(10)  | Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)   |                    |          |
|               | §24.232 (c)<br>§27.50 (h)(2)  | Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 38) (Band 41)  |                    |          |
|               | §27.50 (d)(4)   | Equivalent Isotropic Radiated Power (Band 4) (Band 66)   |                    |          |
| -             | §24.232 (d)<br>§27.50 (d)(5)  | Peak-to-Average Ratio  | -                  | See Note |
| -             | §2.1049   | Occupied Bandwidth   | -                  | See Note |
| -             | §2.1051<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (c)(2)(4)<br>§27.53 (g)<br>§27.53 (h) | Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71) | -                  | See Note |
|               | §2.1051<br>§27.53 (m)(4)  | Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)   |                    |          |
| -             | §2.1051<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (c)(2)<br>§27.53 (g)<br>§27.53 (h)    | Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)     | -                  | See Note |
|               | §2.1051<br>§27.53 (m)(4)  | Conducted Spurious Emission (Band 7) (Band 38) (Band 41)   |                    |          |
| -             | §2.1055<br>§22.355<br>§24.235<br>§27.54   | Frequency Stability<br>Temperature & Voltage   | -                  | See Note |



| Report Clause | Ref Std. Clause  | Test Items  | Result (PASS/FAIL) | Remark                                     |
|---------------|--|---|--------------------|--|
| 4.2           | §2.1053<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (c)(2)<br>§27.53 (f)<br>§27.53 (g)<br>§27.53 (h) | Radiated Spurious Emission<br>(Band 2) (Band 4) (Band 5)<br>(Band 12) (Band 13) (Band 17)<br>(Band 25) (Band 26) (Band 66)<br>(Band 71) | Pass               | Under limit<br>11.66 dB at<br>8013.000 MHz |
|               | §2.1051<br>§27.53 (m)(4)   | Radiated Spurious Emission<br>(Band 7) (Band 38) (Band 41)  |                    |  |

**Note:**

1. The certified module (model: FM350-GL ) which supports normal mode and TX switching mode being integrated into a notebook computer. Spot check on both modes were performed and no degradation occur. Thus the module test results were leveraged in this report and additionally reporting the spot check results in this report.
2. In normal mode, Conducted power was verified to be consistent with the original modular approval, so the output power level in the original modular grant is referenced in this report for determining ERP/EIRP of this host product, and verified the TX switching mode of Radiated Spurious Emission and Conducted power.

**Declaration of Conformity:**

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.  
It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Uncertainty of Evaluation".

**Comments and Explanations:**

The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

**Reviewed by: Sheng Kuo**

**Report Producer: Michelle Chen**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature                 |                           |
|---------------------------------|---------------------------|
| Equipment                       | Notebook                  |
| Brand Name                      | Lenovo                    |
| Model Name                      | TP00144A                  |
| FCC ID                          | 2AJN7-TP00144A            |
| EUT supports Radios application | WCDMA/HSPA/LTE/5G NR/GNSS |
| EUT Stage                       | Production Unit           |

**Remark:**

1. The above EUT's information was declared by manufacturer.
2. Equipment: Fibocom FM350-GL tested inside of Lenovo Notebook Computer.

|               | Normal mode   | TX switching mode  |
|---------------|---|--|
|               | TX/RX   | TX/RX  |
| Ant_0 (Main)  | WCDMA : 2/4/5<br>LTE : 2/4/5/7/12/13/14/17/25/26/30/38/66/71<br>NR : 2/5/7/25/30/38/66/71 | WCDMA : 5<br>LTE : 5/12/13/14/17/26/41/48/71<br>NR : 5/41/71/77/78 |
| Ant_2 (MIMO2) | LTE : 41/48<br>NR : 41/77/78  | WCDMA : 2/4<br>LTE : 2/4/7/25/30/38/66<br>NR : 2/7/25/30/38/66     |



| Antenna Information |              |                 |                |  |
|---------------------|--------------|-----------------|----------------|--|
| Main Antenna        | Manufacturer | Amphenol        | Peak gain(dBi) | LTE Band 2 : -0.62<br>LTE Band 4 : -2.51<br>LTE Band 5 : -1.06<br>LTE Band 7 : 1.93<br>LTE Band 12 : -1.44<br>LTE Band 13 : -0.99<br>LTE Band 17 : -1.44<br>LTE Band 25 : -0.27<br>LTE Band 26 : -1.06<br>LTE Band 38 : 1.93<br>LTE Band 41 : 1.74<br>LTE Band 66 : -2.51<br>LTE Band 71 : -1.71 |
|                     | Part number  | TKE427-12-000-R | Type           | PIFA   |
| MIMO 2 Antenna      | Manufacturer | Amphenol        | Peak gain(dBi) | LTE Band 2 : -0.74<br>LTE Band 4 : -1.29<br>LTE Band 7 : 1.95<br>LTE Band 25 : -0.43<br>LTE Band 38 : 1.84<br>LTE Band 41 : 1.76<br>LTE Band 66 : -1.29  |
|                     | Part number  | TKE423-16-000-R | Type           | PIFA   |

Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.



### 1.2 Product Specification of Equipment Under Test

| Product Specification is subject to this standard |   |
|---|---|
| <b>Tx Frequency</b>                               | LTE Band 2: 1850.7 MHz ~ 1909.3 MHz<br>LTE Band 4: 1710.7 MHz ~ 1754.3 MHz<br>LTE Band 5: 824.7 MHz ~ 848.3 MHz<br>LTE Band 7: 2502.5 MHz ~ 2567.5 MHz<br>LTE Band 12: 699.7 MHz ~ 715.3 MHz<br>LTE Band 13: 779.5 MHz ~ 784.5 MHz<br>LTE Band 17 : 706.5 MHz ~ 713.5 MHz<br>LTE Band 25: 1850.7MHz ~ 1914.3 MHz<br>LTE Band 26: 824.7MHz ~ 848.3 MHz<br>LTE Band 38: 2572.5MHz ~ 2617.5MHz<br>LTE Band 41: 2498.5 MHz ~ 2687.5 MHz<br>LTE Band 66: 1710.7 MHz ~ 1779.3 MHz<br>LTE Band 71: 665.5 MHz ~ 695.5 MHz   |
| <b>Rx Frequency</b>                               | LTE Band 2: 1930.7 MHz ~ 1989.3 MHz<br>LTE Band 4: 2110.7 MHz ~ 2154.3 MHz<br>LTE Band 5: 869.7 MHz ~ 893.3 MHz<br>LTE Band 7: 2622.5MHz ~ 2687.5 MHz<br>LTE Band 12: 729.7 MHz ~ 745.3 MHz<br>LTE Band 13: 748.5 MHz ~ 753.5 MHz<br>LTE Band 17 : 736.5 MHz ~ 743.5 MHz<br>LTE Band 25: 1930.7MHz ~ 1994.3 MHz<br>LTE Band 26: 869.7MHz ~ 893.3MHz<br>LTE Band 38: 2572.5MHz ~ 2617.5MHz<br>LTE Band 41: 2498.5 MHz ~ 2687.5 MHz<br>LTE Band 66: 2110.7 MHz ~ 2199.3 MHz<br>LTE Band 71: 619.5 MHz ~ 649.5 MHz   |
| <b>Bandwidth</b>                                  | LTE Band 2: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 4: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 5: 1.4MHz / 3MHz / 5MHz / 10MHz<br>LTE Band 7: 5MHz/ 10MHz / 15MHz / 20MHz<br>LTE Band 12: 1.4MHz / 3MHz / 5MHz / 10MHz<br>LTE Band 13: 5MHz / 10MHz<br>LTE Band 17 : 5MHz / 10MHz<br>LTE Band 25: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 26: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz<br>LTE Band 38: 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 41: 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 66: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 71: 5MHz / 10MHz / 15MHz / 20MHz |





| Product Specification is subject to this standard |   |
|---|---|
| Maximum Output Power to Antenna                   | <b>&lt;Main Antenna&gt;</b><br>LTE Band 2 : 22.46 dBm<br>LTE Band 4 : 22.46 dBm<br>LTE Band 5 : 23.67 dBm<br>LTE Band 5B : 22.99 dBm<br>LTE Band 7 : 22.58 dBm<br>LTE Band 7C : 21.74 dBm<br>LTE Band 12 : 24.02 dBm<br>LTE Band 13 : 23.67 dBm<br>LTE Band 17 : 23.86 dBm<br>LTE Band 25 : 22.46 dBm<br>LTE Band 26 : 23.70 dBm<br>LTE Band 38 : 23.39 dBm<br>LTE Band 38C : 21.70 dBm<br>LTE Band 41 : 22.91 dBm<br>LTE Band 41 : 25.75 dBm for HPUE<br>LTE Band 41C : 26.42 dBm for HPUE<br>LTE Band 66 : 22.86 dBm<br>LTE Band 66B : 22.66 dBm<br>LTE Band 66C : 22.28 dBm<br>LTE Band 71 : 23.81 dBm<br><b>&lt;MIMO 2 Antenna&gt;</b><br>LTE Band 2 : 23.53 dBm<br>LTE Band 4 : 23.77 dBm<br>LTE Band 7 : 23.50 dBm<br>LTE Band 7C : 22.83 dBm<br>LTE Band 25 : 23.49 dBm<br>LTE Band 38 : 22.67 dBm<br>LTE Band 38C : 22.34 dBm<br>LTE Band 41 : 26.40 dBm for HPUE<br>LTE Band 41C : 21.90 dBm<br>LTE Band 41C : 26.32 dBm for HPUE<br>LTE Band 66 : 23.67 dBm<br>LTE Band 66B : 22.20 dBm<br>LTE Band 66C : 22.36 dBm |
|   | Type of Modulation  |

### 1.3 Modification of EUT

No modifications are made to the EUT during all test items.



### 1.4 Testing Location

|                       |   |
|-----------------------|---|
| Test Site             | Sporton International Inc. EMC & Wireless Communications Laboratory   |
| Test Site Location    | No.52, Huaya 1st Rd., Guishan Dist.,<br>Taoyuan City 333  |
| Test Site No.         | <b>Sporton Site No.</b>   |
|                       | TH03-HY (TAF Code: 1190)  |
| Test Engineer         | Eric Chang  |
| Temperature (°C)      | 22.5~23.3°C   |
| Relative Humidity (%) | 52~55%  |
| Remark                | The Conducted test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory. |

|                       |   |
|-----------------------|---|
| Test Site             | Sporton International Inc. Wensan Laboratory                                    |
| Test Site Location    | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City 333010 |
| Test Site No.         | <b>Sporton Site No.</b>   |
|                       | 03CH13-HY   |
| Test Engineer         | Rain Lee, Jacky Hong and Mancy Chou   |
| Temperature (°C)      | 20~25°C   |
| Relative Humidity (%) | 50~60%  |

**Note:** The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190 and TW3786

### 1.5 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ ANSI C63.26-2015
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.

**Remark:**

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.



## 2 Test Configuration of Equipment Under Test

### 2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in Tablet Type (three orthogonal axis (X: flat, Y: portrait, Z: landscape)) and Notebook Type, and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report..

| Test Items        | Band | Bandwidth (MHz) |   |   |    |    |    | Modulation |       |       |        | RB # |      |      | Test Channel |   |   |
|-------------------|------|-----------------|---|---|----|----|----|------------|-------|-------|--------|------|------|------|--------------|---|---|
|                   |      | 1.4             | 3 | 5 | 10 | 15 | 20 | QPSK       | 16QAM | 64QAM | 256QAM | 1    | Half | Full | L            | M | H |
| Max. Output Power | 2    | v               | v | v | v  | v  | v  | v          | v     | v     |        | v    | v    | v    | v            | v | v |
|                   | 4    | v               | v | v | v  | v  | v  | v          | v     | v     |        | v    | v    | v    | v            | v | v |
|                   | 5    | v               | v | v | v  | -  | -  | v          | v     | v     |        | v    | v    | v    | v            | v | v |
|                   | 7    | -               | - | v | v  | v  | v  | v          | v     | v     |        | v    | v    | v    | v            | v | v |
|                   | 12   | v               | v | v | v  | -  | -  | v          | v     | v     |        | v    | v    | v    | v            | v | v |
|                   | 13   | -               | - | v | v  | -  | -  | v          | v     | v     |        | v    | v    | v    | v            | v | v |
|                   | 17   | -               | - | v | v  | -  | -  | v          | v     | v     |        | v    | v    | v    | v            | v | v |
|                   | 25   | v               | v | v | v  | v  | v  | v          | v     | v     |        | v    | v    | v    | v            | v | v |
|                   | 26   | v               | v | v | v  | v  | -  | v          | v     | v     |        | v    | v    | v    | v            | v | v |
|                   | 38   | -               | - | v | v  | v  | v  | v          | v     | v     |        | v    | v    | v    | v            | v | v |
|                   | 41   | -               | - | v | v  | v  | v  | v          | v     | v     |        | v    | v    | v    | v            | v | v |
|                   | 66   | v               | v | v | v  | v  | v  | v          | v     | v     |        | v    | v    | v    | v            | v | v |
| 71                | -    | -               | v | v | v  | v  | v  | v          | v     |       | v      | v    | v    | v    | v            | v |   |



| Test Items                 | Band  | Bandwidth (MHz)    |   |   |    |    |    | Modulation |       |       |        | RB #       |      |      | Test Channel |   |   |
|----------------------------|---|--------------------|---|---|----|----|----|------------|-------|-------|--------|------------|------|------|--------------|---|---|
|                            |   | 1.4                | 3 | 5 | 10 | 15 | 20 | QPSK       | 16QAM | 64QAM | 256QAM | 1          | Half | Full | L            | M | H |
| E.R.P / E.I.R.P            | 2   | v                  | v | v | v  | v  | v  | v          | v     | v     |        | Max. Power |      |      |              |   |   |
|                            | 4   | v                  | v | v | v  | v  | v  | v          | v     | v     |        |            |      |      |              |   |   |
|                            | 5   | v                  | v | v | v  | -  | -  | v          | v     | v     |        |            |      |      |              |   |   |
|                            | 7   | -                  | - | v | v  | v  | v  | v          | v     | v     |        |            |      |      |              |   |   |
|                            | 12  | v                  | v | v | v  | -  | -  | v          | v     | v     |        |            |      |      |              |   |   |
|                            | 13  | -                  | - | v | v  | -  | -  | v          | v     | v     |        |            |      |      |              |   |   |
|                            | 17  | -                  | - | v | v  | -  | -  | v          | v     | v     |        |            |      |      |              |   |   |
|                            | 25  | v                  | v | v | v  | v  | v  | v          | v     | v     |        |            |      |      |              |   |   |
|                            | 26  | v                  | v | v | v  | v  | -  | v          | v     | v     |        |            |      |      |              |   |   |
|                            | 38  | -                  | - | v | v  | v  | v  | v          | v     | v     |        |            |      |      |              |   |   |
|                            | 41  | -                  | - | v | v  | v  | v  | v          | v     | v     |        |            |      |      |              |   |   |
|                            | 66  | v                  | v | v | v  | v  | v  | v          | v     | v     |        |            |      |      |              |   |   |
|                            | 71  | -                  | - | v | v  | v  | v  | v          | v     | v     |        |            |      |      |              |   |   |
| Radiated Spurious Emission | 2   | Covered by Band 25 |   |   |    |    |    |            |       |       |        |            |      |      |              |   |   |
|                            | 4   | Covered by Band 66 |   |   |    |    |    |            |       |       |        |            |      |      |              |   |   |
|                            | 5   | Covered by Band 26 |   |   |    |    |    |            |       |       |        |            |      |      |              |   |   |
|                            | 7   | -                  | - |   |    |    | v  | v          |       |       |        | v          |      |      | v            | v | v |
|                            | 12  |                    |   |   | v  | -  | -  | v          |       |       |        | v          |      |      | v            | v | v |
|                            | 13  | -                  | - | v | v  | -  | -  | v          |       |       |        | v          |      |      | v            | v | v |
|                            | 17  | Covered by Band 12 |   |   |    |    |    |            |       |       |        |            |      |      |              |   |   |
|                            | 25  |                    |   |   |    |    | v  | v          |       |       |        | v          |      |      | v            | v | v |
|                            | 26  |                    |   |   |    | v  | -  | v          |       |       |        | v          |      |      | v            | v | v |
|                            | 38  | -                  | - |   |    |    | v  | v          |       |       |        | v          |      |      | v            | v | v |
|                            | 41  | -                  | - |   |    |    | v  | v          |       |       |        | v          |      |      | v            | v | v |
| 66                         |   |                    |   |   |    | v  | v  |            |       |       | v      |            |      | v    | v            | v |   |
| 71                         | -   | -                  |   |   |    | v  | v  |            |       |       | v      |            |      | v    | v            | v |   |
| Remark                     | <ol style="list-style-type: none"> <li>The mark "v" means that this configuration is chosen for testing</li> <li>The mark "-" means that this bandwidth is not supported.</li> <li>The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.</li> <li>Wider operating range bandwidth covers narrower one when the power is higher or the same.</li> <li>For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation (QPSK/16QAM/64QAM), therefore, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report.</li> <li>All the radiated test cases were performed with Battery 1.</li> </ol> |                    |   |   |    |    |    |            |       |       |        |            |      |      |              |   |   |

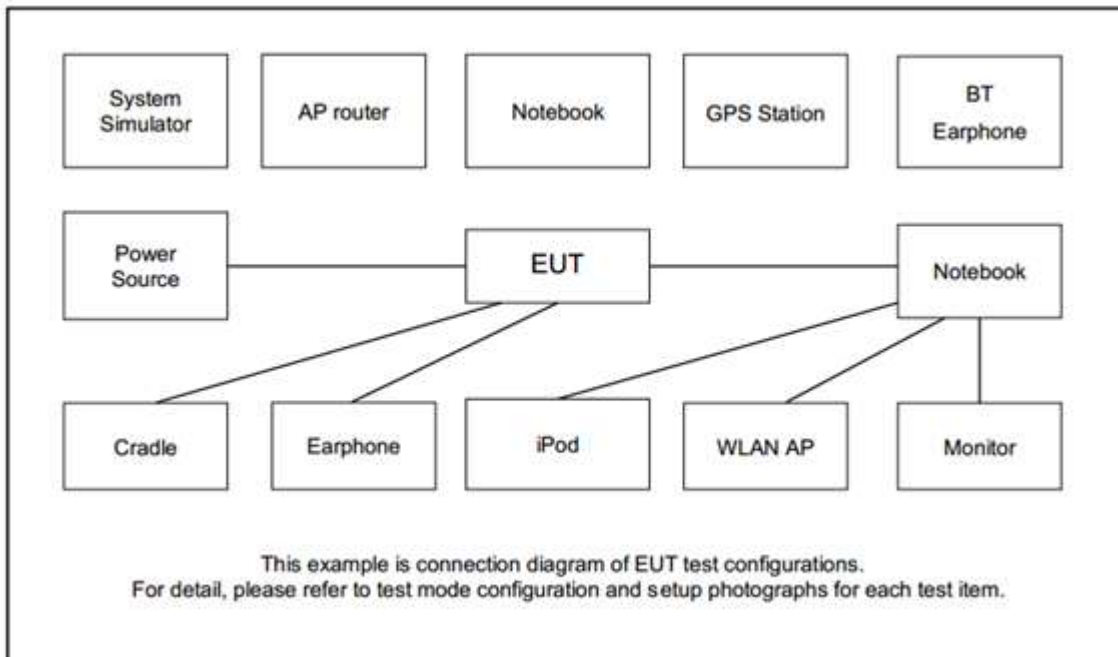


| Test Items                 | Band  | Bandwidth (MHz) |     |      |      |       | Modulation |       |       |        | RB #       |      |      | Test Channel |   |   |   |
|----------------------------|---|-----------------|-----|------|------|-------|------------|-------|-------|--------|------------|------|------|--------------|---|---|---|
|                            |   | 3+5             | 5+3 | 5+10 | 10+5 | 10+10 | QPSK       | 16QAM | 64QAM | 256QAM | 1          | Half | Full | L            | M | H |   |
| Max. Output Power          | 5B_CA   | -               | -   | v    | v    | v     | v          | v     | v     | v      | v          | v    |      | v            | v | v | v |
| E.R.P.                     | 5B_CA   | -               | -   | v    | v    | v     | v          | v     | v     | v      | Max. Power |      |      |              |   |   |   |
| Radiated Spurious Emission | 5B_CA   |                 |     |      |      | v     | v          |       |       |        | v          |      |      | v            | v | v |   |
| Remark                     | <ol style="list-style-type: none"> <li>The mark "v" means that this configuration is chosen for testing</li> <li>The mark "-" means that this bandwidth is not supported.</li> <li>The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.</li> <li>For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation (QPSK/16QAM/64QAM), therefore, for Normal Mode, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report.</li> <li>All the radiated test cases were performed with Battery 1.</li> </ol> |                 |     |      |      |       |            |       |       |        |            |      |      |              |   |   |   |

| Test Items                 | Band   | Bandwidth (MHz) |       |       |       |       |      |      |       |       |       | Modulation |       |       |        | RB #       |      |      | Test Channel |   |   |
|----------------------------|--|-----------------|-------|-------|-------|-------|------|------|-------|-------|-------|------------|-------|-------|--------|------------|------|------|--------------|---|---|
|                            |  | 20+20           | 20+15 | 15+20 | 20+10 | 10+20 | 20+5 | 5+20 | 15+15 | 15+10 | 10+15 | QPSK       | 16QAM | 64QAM | 256QAM | 1          | Half | Full | L            | M | H |
| Max. Output Power          | 7C_CA  | v               | v     | v     | v     | v     | -    | -    | v     | v     | -     | v          | v     | v     | v      | v          |      | v    | v            | v | v |
|                            | 38C_CA   | v               |       |       |       |       |      |      | v     |       |       | v          | v     | v     | v      | v          |      | v    | v            | v | v |
|                            | 41C_CA   | v               | v     | v     | v     | v     | v    | v    | v     | v     | v     | v          | v     | v     | v      | v          |      | v    | v            | v | v |
|                            | 66C_CA   | v               | v     |       | v     | v     | v    | v    | v     | v     | v     | v          | v     | v     | v      | v          | v    |      | v            | v | v |
| E.I.R.P.                   | 7C_CA  | v               | v     | v     | v     | v     | -    | -    | v     | v     | -     | v          | v     | v     | v      | Max. Power |      |      |              |   |   |
|                            | 38C_CA   | v               |       |       |       |       |      |      | v     |       |       | v          | v     | v     | v      |            |      |      |              |   |   |
|                            | 41C_CA   | v               | v     | v     | v     | v     | v    | v    | v     | v     | v     | v          | v     | v     | v      |            |      |      |              |   |   |
|                            | 66C_CA   | v               | v     |       | v     | v     | v    | v    | v     | v     | v     | v          | v     | v     | v      |            |      |      |              |   |   |
| Radiated Spurious Emission | 7C_CA  | v               |       |       |       |       |      |      |       |       |       | v          |       |       |        | v          |      |      | v            | v | v |
|                            | 38C_CA   | v               |       |       |       |       |      |      |       |       |       | v          |       |       |        | v          |      |      | v            | v | v |
|                            | 41C_CA   | v               |       |       |       |       |      |      |       |       |       | v          |       |       |        | v          |      |      | v            | v | v |
|                            | 66C_CA   | v               |       |       |       |       |      |      |       |       |       | v          |       |       |        | v          |      |      | v            | v | v |
| Remark                     | <ol style="list-style-type: none"> <li>The mark "v" means that this configuration is chosen for testing</li> <li>The mark "-" means that this bandwidth is not supported.</li> <li>The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.</li> <li>Wider operating range bandwidth covers narrower one when the power is higher or the same.</li> <li>For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation (QPSK/16QAM/64QAM), therefore, for Normal Mode, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report.</li> <li>All the radiated test cases were performed with Battery 1.</li> </ol> |                 |       |       |       |       |      |      |       |       |       |            |       |       |        |            |      |      |              |   |   |

| Test Items                 | Band  | Bandwidth (MHz) |      |      |      |      |       | Modulation |       |       |        | RB #       |      |      | Test Channel |   |   |
|----------------------------|---|-----------------|------|------|------|------|-------|------------|-------|-------|--------|------------|------|------|--------------|---|---|
|                            |   | 5+5             | 5+10 | 10+5 | 5+15 | 15+5 | 10+10 | QPSK       | 16QAM | 64QAM | 256QAM | 1          | Half | Full | L            | M | H |
| Max. Output Power          | 66B_CA  | v               | v    | v    | v    | v    | v     | v          | v     | v     | v      | v          |      |      | v            | v | v |
| E.I.R.P.                   | 66B_CA  | v               | v    | v    | v    | v    | v     | v          | v     | v     | v      | Max. Power |      |      |              |   |   |
| Radiated Spurious Emission | 66B_CA  |                 |      |      |      |      | v     | v          |       |       |        | v          |      |      | v            | v | v |
| Remark                     | <ol style="list-style-type: none"> <li>The mark "v" means that this configuration is chosen for testing</li> <li>The mark "-" means that this bandwidth is not supported.</li> <li>The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.</li> <li>For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation (QPSK/16QAM/64QAM), therefore, for Normal Mode, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report.</li> <li>All the radiated test cases were performed with Battery 1.</li> </ol> |                 |      |      |      |      |       |            |       |       |        |            |      |      |              |   |   |

## 2.2 Connection Diagram of Test System





### 2.3 Support Unit used in test configuration and system

| Item | Equipment        | Brand Name | Model No. | FCC ID | Data Cable        | Power Cord        |
|------|------------------|------------|-----------|--------|-------------------|-------------------|
| 1.   | System Simulator | Anritsu    | MT8820C   | N/A    | N/A               | Unshielded, 1.8 m |
| 2.   | Earphone         | SONY       | MH750     | N/A    | Unshielded, 1.2 m | N/A               |

### 2.4 Frequency List of Low/Middle/High Channels

| LTE Band 2 Channel and Frequency List |                        |        |        |         |
|---------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                              | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                    | Channel                | 18700  | 18900  | 19100   |
|                                       | Frequency              | 1860   | 1880   | 1900    |
| 15                                    | Channel                | 18675  | 18900  | 19125   |
|                                       | Frequency              | 1857.5 | 1880   | 1902.5  |
| 10                                    | Channel                | 18650  | 18900  | 19150   |
|                                       | Frequency              | 1855   | 1880   | 1905    |
| 5                                     | Channel                | 18625  | 18900  | 19175   |
|                                       | Frequency              | 1852.5 | 1880   | 1907.5  |
| 3                                     | Channel                | 18615  | 18900  | 19185   |
|                                       | Frequency              | 1851.5 | 1880   | 1908.5  |
| 1.4                                   | Channel                | 18607  | 18900  | 19193   |
|                                       | Frequency              | 1850.7 | 1880   | 1909.3  |

| LTE Band 4 Channel and Frequency List |                        |        |        |         |
|---------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                              | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                    | Channel                | 20050  | 20175  | 20300   |
|                                       | Frequency              | 1720   | 1732.5 | 1745    |
| 15                                    | Channel                | 20025  | 20175  | 20325   |
|                                       | Frequency              | 1717.5 | 1732.5 | 1747.5  |
| 10                                    | Channel                | 20000  | 20175  | 20350   |
|                                       | Frequency              | 1715   | 1732.5 | 1750    |
| 5                                     | Channel                | 19975  | 20175  | 20375   |
|                                       | Frequency              | 1712.5 | 1732.5 | 1752.5  |
| 3                                     | Channel                | 19965  | 20175  | 20385   |
|                                       | Frequency              | 1711.5 | 1732.5 | 1753.5  |
| 1.4                                   | Channel                | 19957  | 20175  | 20393   |
|                                       | Frequency              | 1710.7 | 1732.5 | 1754.3  |



| <b>LTE Band 5 Channel and Frequency List</b> |                               |               |               |                |
|--|-------------------------------|---------------|---------------|----------------|
| <b>BW [MHz]</b>                              | <b>Channel/Frequency(MHz)</b> | <b>Lowest</b> | <b>Middle</b> | <b>Highest</b> |
| 10   | Channel                       | 20450         | 20525         | 20600          |
|  | Frequency                     | 829           | 836.5         | 844            |
| 5  | Channel                       | 20425         | 20525         | 20625          |
|  | Frequency                     | 826.5         | 836.5         | 846.5          |
| 3  | Channel                       | 20415         | 20525         | 20635          |
|  | Frequency                     | 825.5         | 836.5         | 847.5          |
| 1.4  | Channel                       | 20407         | 20525         | 20643          |
|  | Frequency                     | 824.7         | 836.5         | 848.3          |

| <b>LTE Band 7 Channel and Frequency List</b> |                               |               |               |                |
|--|-------------------------------|---------------|---------------|----------------|
| <b>BW [MHz]</b>                              | <b>Channel/Frequency(MHz)</b> | <b>Lowest</b> | <b>Middle</b> | <b>Highest</b> |
| 20   | Channel                       | 20850         | 21100         | 21350          |
|  | Frequency                     | 2510          | 2535          | 2560           |
| 15   | Channel                       | 20825         | 21100         | 21375          |
|  | Frequency                     | 2507.5        | 2535          | 2562.5         |
| 10   | Channel                       | 20800         | 21100         | 21400          |
|  | Frequency                     | 2505          | 2535          | 2565           |
| 5  | Channel                       | 20775         | 21100         | 21425          |
|  | Frequency                     | 2502.5        | 2535          | 2567.5         |

| <b>LTE Band 12 Channel and Frequency List</b> |                               |               |               |                |
|---|-------------------------------|---------------|---------------|----------------|
| <b>BW [MHz]</b>                               | <b>Channel/Frequency(MHz)</b> | <b>Lowest</b> | <b>Middle</b> | <b>Highest</b> |
| 10  | Channel                       | 23060         | 23095         | 23130          |
|   | Frequency                     | 704           | 707.5         | 711            |
| 5   | Channel                       | 23035         | 23095         | 23155          |
|   | Frequency                     | 701.5         | 707.5         | 713.5          |
| 3   | Channel                       | 23025         | 23095         | 23165          |
|   | Frequency                     | 700.5         | 707.5         | 714.5          |
| 1.4   | Channel                       | 23017         | 23095         | 23173          |
|   | Frequency                     | 699.7         | 707.5         | 715.3          |





| <b>LTE Band 13 Channel and Frequency List</b> |                               |               |               |                |
|---|-------------------------------|---------------|---------------|----------------|
| <b>BW [MHz]</b>                               | <b>Channel/Frequency(MHz)</b> | <b>Lowest</b> | <b>Middle</b> | <b>Highest</b> |
| 10  | Channel                       | -             | 23230         | -              |
|   | Frequency                     | -             | 782           | -              |
| 5   | Channel                       | 23205         | 23230         | 23255          |
|   | Frequency                     | 779.5         | 782           | 784.5          |
| <b>LTE Band 17 Channel and Frequency List</b> |                               |               |               |                |
| <b>BW [MHz]</b>                               | <b>Channel/Frequency(MHz)</b> | <b>Lowest</b> | <b>Middle</b> | <b>Highest</b> |
| 10  | Channel                       | 23780         | 23790         | 23800          |
|   | Frequency                     | 709           | 710           | 711            |
| 5   | Channel                       | 23755         | 23790         | 23825          |
|   | Frequency                     | 706.5         | 710           | 713.5          |
| <b>LTE Band 25 Channel and Frequency List</b> |                               |               |               |                |
| <b>BW [MHz]</b>                               | <b>Channel/Frequency(MHz)</b> | <b>Lowest</b> | <b>Middle</b> | <b>Highest</b> |
| 20  | Channel                       | 26140         | 26340         | 26590          |
|   | Frequency                     | 1860          | 1880          | 1905           |
| 15  | Channel                       | 26115         | 26340         | 26615          |
|   | Frequency                     | 1857.5        | 1880          | 1907.5         |
| 10  | Channel                       | 26090         | 26340         | 26640          |
|   | Frequency                     | 1855          | 1880          | 1910           |
| 5   | Channel                       | 26065         | 26340         | 26665          |
|   | Frequency                     | 1852.5        | 1880          | 1912.5         |
| 3   | Channel                       | 26055         | 26340         | 26675          |
|   | Frequency                     | 1851.5        | 1880          | 1913.5         |
| 1.4   | Channel                       | 26047         | 26340         | 26683          |
|   | Frequency                     | 1850.7        | 1880          | 1914.3         |



| <b>LTE Band 26 Channel and Frequency List</b> |                               |               |               |                |
|---|-------------------------------|---------------|---------------|----------------|
| <b>BW [MHz]</b>                               | <b>Channel/Frequency(MHz)</b> | <b>Lowest</b> | <b>Middle</b> | <b>Highest</b> |
| 15  | Channel                       | 26865         | 26915         | 26965          |
|   | Frequency                     | 831.5         | 836.5         | 841.5          |
| 10  | Channel                       | 26840         | 26915         | 26990          |
|   | Frequency                     | 829.0         | 836.5         | 844.0          |
| 5   | Channel                       | 26815         | 26915         | 27015          |
|   | Frequency                     | 826.5         | 836.5         | 846.5          |
| 3   | Channel                       | 26805         | 26915         | 27025          |
|   | Frequency                     | 825.5         | 836.5         | 847.5          |
| 1.4   | Channel                       | 26797         | 26915         | 27033          |
|   | Frequency                     | 824.7         | 836.5         | 848.3          |

| <b>LTE Band 38 Channel and Frequency List</b> |                               |               |               |                |
|---|-------------------------------|---------------|---------------|----------------|
| <b>BW [MHz]</b>                               | <b>Channel/Frequency(MHz)</b> | <b>Lowest</b> | <b>Middle</b> | <b>Highest</b> |
| 20  | Channel                       | 37850         | 38000         | 38150          |
|   | Frequency                     | 2580.0        | 2595.0        | 2610.0         |
| 15  | Channel                       | 37825         | 38000         | 38175          |
|   | Frequency                     | 2577.5        | 2595.0        | 2612.5         |
| 10  | Channel                       | 37800         | 38000         | 38200          |
|   | Frequency                     | 2575.0        | 2595.0        | 2615.0         |
| 5   | Channel                       | 37775         | 38000         | 38225          |
|   | Frequency                     | 2572.5        | 2595.0        | 2617.5         |

| <b>LTE Band 41 Channel and Frequency List</b> |                               |               |               |                |
|---|-------------------------------|---------------|---------------|----------------|
| <b>BW [MHz]</b>                               | <b>Channel/Frequency(MHz)</b> | <b>Lowest</b> | <b>Middle</b> | <b>Highest</b> |
| 20  | Channel                       | 39750         | 40620         | 41490          |
|   | Frequency                     | 2506.0        | 2593.0        | 2680.0         |
| 15  | Channel                       | 39725         | 40620         | 41515          |
|   | Frequency                     | 2503.5        | 2593.0        | 2682.5         |
| 10  | Channel                       | 39700         | 40620         | 41540          |
|   | Frequency                     | 2501.0        | 2593.0        | 2685.0         |
| 5   | Channel                       | 39675         | 40620         | 41565          |
|   | Frequency                     | 2498.5        | 2593.0        | 2687.5         |



| LTE Band 66 Channel and Frequency List |                        |        |        |         |
|--|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                     | Channel                | 132072 | 132322 | 132572  |
|  | Frequency              | 1720   | 1745   | 1770    |
| 15                                     | Channel                | 132047 | 132322 | 132597  |
|  | Frequency              | 1717.5 | 1745   | 1772.5  |
| 10                                     | Channel                | 132022 | 132322 | 132622  |
|  | Frequency              | 1715   | 1745   | 1775    |
| 5                                      | Channel                | 131997 | 132322 | 132647  |
|  | Frequency              | 1712.5 | 1745   | 1777.5  |
| 3                                      | Channel                | 131987 | 132322 | 132657  |
|  | Frequency              | 1711.5 | 1745   | 1778.5  |
| 1.4                                    | Channel                | 131979 | 132322 | 132665  |
|  | Frequency              | 1710.7 | 1745   | 1779.3  |

| LTE Band 71 Channel and Frequency List |                        |        |        |         |
|--|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 20                                     | Channel                | 133222 | 133297 | 133372  |
|  | Frequency              | 673.0  | 680.5  | 688.0   |
| 15                                     | Channel                | 133197 | 133297 | 133397  |
|  | Frequency              | 670.5  | 680.5  | 690.5   |
| 10                                     | Channel                | 133172 | 133297 | 133422  |
|  | Frequency              | 668.0  | 680.5  | 693.0   |
| 5                                      | Channel                | 133147 | 133297 | 133447  |
|  | Frequency              | 665.5  | 680.5  | 695.5   |



| LTE Band 5B Channel and Frequency List_CA |                        |           |        |        |         |
|---|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                  | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 5 + 10                                    | PCC                    | Channel   | 20428  | 20478  | 20528   |
|   |                        | Frequency | 826.8  | 831.8  | 836.8   |
|   | SCC                    | Channel   | 20500  | 20550  | 20600   |
|   |                        | Frequency | 834.0  | 839.0  | 844.0   |
| 10 + 5                                    | PCC                    | Channel   | 20450  | 20500  | 20550   |
|   |                        | Frequency | 829.0  | 834.0  | 839.0   |
|   | SCC                    | Channel   | 20522  | 20572  | 20622   |
|   |                        | Frequency | 836.2  | 841.2  | 846.2   |
| 10 + 10                                   | PCC                    | Channel   | 20450  | 20476  | 20501   |
|   |                        | Frequency | 829.0  | 831.6  | 834.1   |
|   | SCC                    | Channel   | 20549  | 20575  | 20600   |
|   |                        | Frequency | 838.9  | 841.5  | 844.0   |



| LTE Band 7C Channel and Frequency List_CA |                        |           |        |        |         |
|---|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                  | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 20 + 20                                   | PCC                    | Channel   | 20850  | 21001  | 21152   |
|   |                        | Frequency | 2510.0 | 2525.1 | 2540.2  |
|   | SCC                    | Channel   | 21048  | 21199  | 21350   |
|   |                        | Frequency | 2529.8 | 2544.9 | 2560.0  |
| 20 + 15                                   | PCC                    | Channel   | 20850  | 21026  | 21201   |
|   |                        | Frequency | 2510.0 | 2527.6 | 2545.1  |
|   | SCC                    | Channel   | 21021  | 21197  | 21372   |
|   |                        | Frequency | 2527.1 | 2544.7 | 2562.2  |
| 15 + 20                                   | PCC                    | Channel   | 20828  | 21003  | 21179   |
|   |                        | Frequency | 2507.8 | 2525.3 | 2542.9  |
|   | SCC                    | Channel   | 20999  | 21174  | 21350   |
|   |                        | Frequency | 2524.9 | 2542.4 | 2560.0  |
| 20 + 10                                   | PCC                    | Channel   | 20850  | 21051  | 21251   |
|   |                        | Frequency | 2510.0 | 2530.1 | 2550.1  |
|   | SCC                    | Channel   | 20994  | 21195  | 21395   |
|   |                        | Frequency | 2524.4 | 2544.5 | 2564.5  |
| 10 + 20                                   | PCC                    | Channel   | 20805  | 21006  | 21206   |
|   |                        | Frequency | 2505.5 | 2525.6 | 2545.6  |
|   | SCC                    | Channel   | 20949  | 21150  | 21350   |
|   |                        | Frequency | 2519.9 | 2540.0 | 2560.0  |
| 15 + 15                                   | PCC                    | Channel   | 20825  | 21025  | 21225   |
|   |                        | Frequency | 2507.5 | 2527.5 | 2547.5  |
|   | SCC                    | Channel   | 20975  | 21175  | 21375   |
|   |                        | Frequency | 2522.5 | 2542.5 | 2562.5  |
| 15 + 10                                   | PCC                    | Channel   | 20825  | 21051  | 21277   |
|   |                        | Frequency | 2507.5 | 2530.1 | 2552.7  |
|   | SCC                    | Channel   | 20945  | 21171  | 21397   |
|   |                        | Frequency | 2519.5 | 2542.1 | 2564.7  |



| LTE Band 38C Channel and Frequency List_CA |                        |           |        |        |         |
|--|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                   | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 20 + 20                                    | PCC                    | Channel   | 37850  | 37901  | 37952   |
|  |                        | Frequency | 2580.0 | 2585.1 | 2590.2  |
|  | SCC                    | Channel   | 38048  | 38099  | 38150   |
|  |                        | Frequency | 2599.8 | 2604.9 | 2610.0  |
| 15+ 15                                     | PCC                    | Channel   | 37825  | 37925  | 38025   |
|  |                        | Frequency | 2577.5 | 2587.5 | 2597.5  |
|  | SCC                    | Channel   | 37975  | 38075  | 38175   |
|  |                        | Frequency | 2592.5 | 2602.5 | 2612.5  |

| LTE Band 41C Channel and Frequency List_CA |                        |           |        |        |         |
|--|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                   | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 20 + 20                                    | PCC                    | Channel   | 39750  | 40521  | 41292   |
|  |                        | Frequency | 2506.0 | 2583.1 | 2660.2  |
|  | SCC                    | Channel   | 39948  | 40719  | 41490   |
|  |                        | Frequency | 2525.8 | 2602.9 | 2680.0  |
| 20 + 15                                    | PCC                    | Channel   | 39750  | 40546  | 41341   |
|  |                        | Frequency | 2506.0 | 2585.6 | 2665.1  |
|  | SCC                    | Channel   | 39921  | 40717  | 41512   |
|  |                        | Frequency | 2523.1 | 2602.7 | 2682.2  |
| 15 + 20                                    | PCC                    | Channel   | 39728  | 40523  | 41319   |
|  |                        | Frequency | 2503.8 | 2593.3 | 2662.9  |
|  | SCC                    | Channel   | 39899  | 40694  | 41490   |
|  |                        | Frequency | 2520.9 | 2600.4 | 2680.0  |
| 20 + 10                                    | PCC                    | Channel   | 39750  | 40571  | 41391   |
|  |                        | Frequency | 2506.0 | 2588.1 | 2670.1  |
|  | SCC                    | Channel   | 39894  | 40715  | 41535   |
|  |                        | Frequency | 2520.4 | 2602.5 | 2684.5  |
| 10 + 20                                    | PCC                    | Channel   | 39705  | 40526  | 41346   |
|  |                        | Frequency | 2501.5 | 2583.6 | 2665.6  |
|  | SCC                    | Channel   | 39849  | 40670  | 41490   |
|  |                        | Frequency | 2515.9 | 2598.0 | 2680.0  |



| LTE Band 41C Channel and Frequency List_CA |     |           |        |        |        |
|--|-----|-----------|--------|--------|--------|
| 20 + 5                                     | PCC | Channel   | 39750  | 40595  | 41440  |
|  |     | Frequency | 2506.0 | 2590.5 | 2675.0 |
|  | SCC | Channel   | 39867  | 40712  | 41557  |
|  |     | Frequency | 2517.7 | 2602.2 | 2686.7 |
| 5 + 20                                     | PCC | Channel   | 39683  | 40528  | 41373  |
|  |     | Frequency | 2499.3 | 2583.8 | 2668.3 |
|  | SCC | Channel   | 39800  | 40645  | 41490  |
|  |     | Frequency | 2511.0 | 2595.5 | 2680.0 |
| 15 + 15                                    | PCC | Channel   | 39725  | 40545  | 41365  |
|  |     | Frequency | 2503.5 | 2585.5 | 2667.5 |
|  | SCC | Channel   | 39875  | 40695  | 41515  |
|  |     | Frequency | 2518.5 | 2600.5 | 2682.5 |
| 10 + 15                                    | PCC | Channel   | 39703  | 40549  | 41395  |
|  |     | Frequency | 2501.3 | 2585.9 | 2670.5 |
|  | SCC | Channel   | 39823  | 40669  | 41515  |
|  |     | Frequency | 2513.3 | 2597.9 | 2682.5 |
| 15 + 10                                    | PCC | Channel   | 39725  | 40571  | 41417  |
|  |     | Frequency | 2503.5 | 2588.1 | 2672.7 |
|  | SCC | Channel   | 39845  | 40691  | 41537  |
|  |     | Frequency | 2515.5 | 2600.1 | 2684.7 |



| LTE Band 66B Channel and Frequency List_CA |                        |           |        |        |         |
|--|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                   | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 5 + 5                                      | PCC                    | Channel   | 131997 | 132398 | 132599  |
|  |                        | Frequency | 1712.5 | 1752.6 | 1772.7  |
|  | SCC                    | Channel   | 132045 | 133346 | 132647  |
|  |                        | Frequency | 1717.3 | 1757.4 | 1777.5  |
| 5 + 10                                     | PCC                    | Channel   | 132000 | 132375 | 132550  |
|  |                        | Frequency | 1712.8 | 1750.3 | 1767.8  |
|  | SCC                    | Channel   | 132072 | 133347 | 132622  |
|  |                        | Frequency | 1720.0 | 1757.5 | 1775.0  |
| 10 + 5                                     | PCC                    | Channel   | 132022 | 132397 | 132572  |
|  |                        | Frequency | 1715.0 | 1752.5 | 1770.0  |
|  | SCC                    | Channel   | 132094 | 133369 | 132644  |
|  |                        | Frequency | 1722.2 | 1759.7 | 1777.2  |
| 5 + 15                                     | PCC                    | Channel   | 132002 | 132353 | 132504  |
|  |                        | Frequency | 1713.0 | 1748.1 | 1763.2  |
|  | SCC                    | Channel   | 132095 | 133346 | 132597  |
|  |                        | Frequency | 1722.3 | 1757.4 | 1772.5  |
| 15 + 5                                     | PCC                    | Channel   | 132047 | 132398 | 132549  |
|  |                        | Frequency | 1717.5 | 1752.6 | 1767.7  |
|  | SCC                    | Channel   | 132140 | 133391 | 132642  |
|  |                        | Frequency | 1726.8 | 1761.9 | 1777.0  |
| 10 + 10                                    | PCC                    | Channel   | 132022 | 132373 | 135523  |
|  |                        | Frequency | 1715.0 | 1750.1 | 1765.1  |
|  | SCC                    | Channel   | 132121 | 133372 | 132622  |
|  |                        | Frequency | 1724.9 | 1760.0 | 1775.0  |





| LTE Band 66C Channel and Frequency List_CA |                        |           |        |        |         |
|--|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                   | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 10 + 15                                    | PCC                    | Channel   | 132025 | 132351 | 132477  |
|  |                        | Frequency | 1715.3 | 1747.9 | 1760.5  |
|  | SCC                    | Channel   | 132145 | 133371 | 132597  |
|  |                        | Frequency | 1727.3 | 1759.9 | 1772.5  |
| 15 + 10                                    | PCC                    | Channel   | 132047 | 132373 | 132499  |
|  |                        | Frequency | 1717.5 | 1750.1 | 1762.7  |
|  | SCC                    | Channel   | 132167 | 133393 | 132619  |
|  |                        | Frequency | 1729.5 | 1761.1 | 1774.7  |
| 10 + 20                                    | PCC                    | Channel   | 132027 | 132328 | 132428  |
|  |                        | Frequency | 1715.5 | 1745.6 | 1755.6  |
|  | SCC                    | Channel   | 131171 | 133372 | 132572  |
|  |                        | Frequency | 1729.9 | 1760.0 | 1770.0  |
| 20 + 10                                    | PCC                    | Channel   | 132072 | 132373 | 132473  |
|  |                        | Frequency | 1720.0 | 1750.1 | 1760.1  |
|  | SCC                    | Channel   | 132216 | 133417 | 132617  |
|  |                        | Frequency | 1734.4 | 1764.5 | 1774.5  |
| 15 + 15                                    | PCC                    | Channel   | 132047 | 132347 | 132447  |
|  |                        | Frequency | 1717.5 | 1747.5 | 1757.5  |
|  | SCC                    | Channel   | 132197 | 133397 | 132597  |
|  |                        | Frequency | 1732.5 | 1762.5 | 1772.5  |
| 20 + 15                                    | PCC                    | Channel   | 132072 | 132348 | 132423  |
|  |                        | Frequency | 1720.0 | 1747.6 | 1755.1  |
|  | SCC                    | Channel   | 132243 | 133419 | 132594  |
|  |                        | Frequency | 1737.1 | 1764.7 | 1772.2  |
| 20 + 5                                     | PCC                    | Channel   | 132072 | 132397 | 132522  |
|  |                        | Frequency | 1720.0 | 1752.5 | 1765.0  |
|  | SCC                    | Channel   | 132189 | 133414 | 132639  |
|  |                        | Frequency | 1731.7 | 1764.2 | 1776.7  |



| LTE Band 66C Channel and Frequency List_CA |     |           |        |        |        |
|--|-----|-----------|--------|--------|--------|
| 5 + 20                                     | PCC | Channel   | 132005 | 132330 | 132455 |
|  |     | Frequency | 1713.3 | 1745.8 | 1758.3 |
|  | SCC | Channel   | 132122 | 132447 | 132572 |
|  |     | Frequency | 1725.0 | 1757.5 | 1770.0 |
| 20 + 20                                    | PCC | Channel   | 132072 | 132323 | 132374 |
|  |     | Frequency | 1720.0 | 1745.1 | 1750.2 |
|  | SCC | Channel   | 132270 | 133421 | 132572 |
|  |     | Frequency | 1739.8 | 1764.9 | 1770.0 |

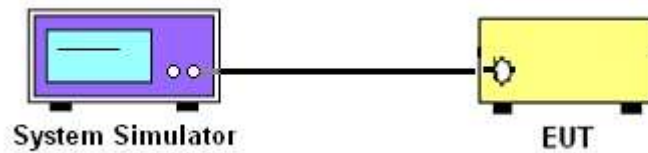
### 3 Conducted Test Items

#### 3.1 Measuring Instruments

See list of measuring instruments of this test report.

##### 3.1.1 Test Setup

##### 3.1.2 Conducted Output Power



##### 3.1.3 Test Result of Conducted Test

Please refer to Appendix A.



## 3.2 Conducted Output Power and ERP/EIRP

### 3.2.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5 and Band 26

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12 and Band 13 and Band 17 and Band 71

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2 and Band 25 and Band 7 and Band 38 and Band 41

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 4 and Band 66

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$ ,  $ERP = EIRP - 2.15$ , where

$P_T$  = transmitter output power in dBm

$G_T$  = gain of the transmitting antenna in dBi

$L_C$  = signal attenuation in the connecting cable between the transmitter and antenna in dB

### 3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.

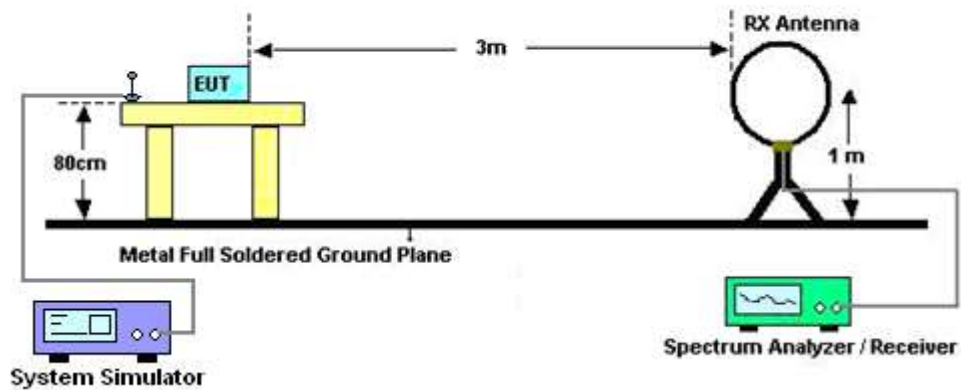
## 4 Radiated Test Items

### 4.1 Measuring Instruments

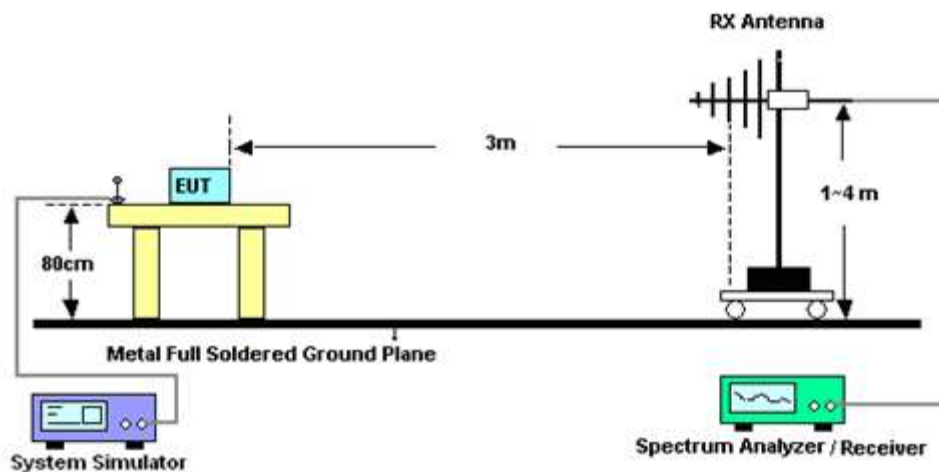
See list of measuring instruments of this test report.

#### 4.1.1 Test Setup

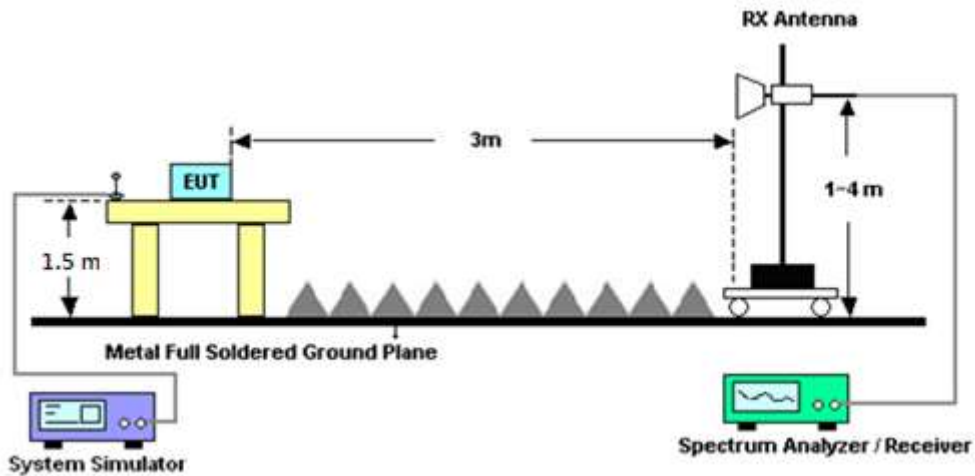
For radiated test below 30MHz



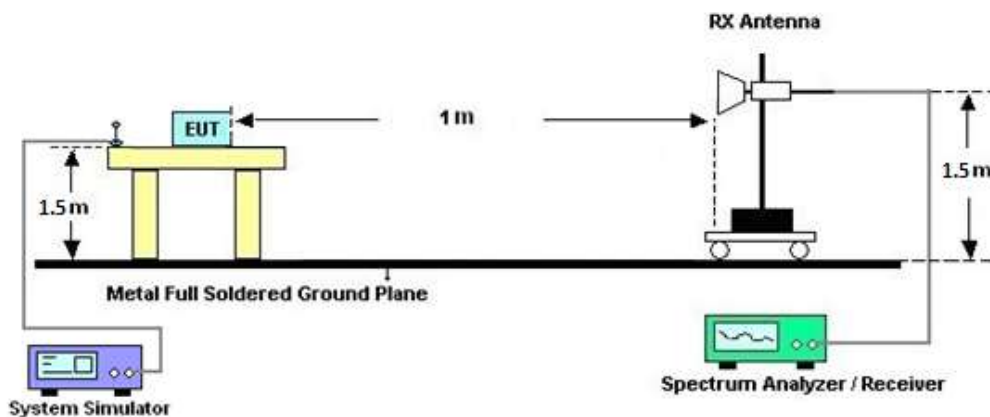
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



#### 4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

**Note:**

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.



## 4.2 Radiated Spurious Emission Measurement

### 4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

For LTE Band 7, 38, 41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least  $55 + 10 \log (P)$  dB.

For LTE Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to  $-70$  dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and  $-80$  dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

### 4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI / TIA-603-E Section 2.2.12.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from  $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 7, 38, 41

The limit line is derived from  $55 + 10\log(P)$ dB below the transmitter power P(Watts)

EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain

ERP (dBm) = EIRP - 2.15



## 5 List of Measuring Equipment

| Instrument           | Brand Name      | Model No.                     | Serial No.  | Characteristics               | Calibration Date | Test Date                       | Due Date      | Remark                   |
|----------------------|-----------------|-------------------------------|-------------|-------------------------------|------------------|---------------------------------|---------------|--------------------------|
| Loop Antenna         | Rohde & Schwarz | HFH2-Z2                       | 100488      | 9 kHz~30 MHz                  | May 13, 2022     | Jul. 23, 2022~<br>Aug. 23, 2022 | May 12, 2023  | Radiation<br>(03CH13-HY) |
| Preamplifier         | EMEC            | EM18G40G                      | 060715      | 18GHz~40GHz                   | Dec. 24, 2021    | Jul. 23, 2022~<br>Aug. 23, 2022 | Dec. 23, 2022 | Radiation<br>(03CH13-HY) |
| SHF-EHF Horn Antenna | SCHWARZBECK     | BBHA9170                      | 00993       | 18GHz~40GHz                   | Nov. 30, 2021    | Jul. 23, 2022~<br>Aug. 23, 2022 | Nov. 29, 2022 | Radiation<br>(03CH13-HY) |
| RF Cable             | HUBER + SUHNER  | SUCOFLEX 102                  | 505134/2    | 30MHz~40GHz                   | Feb. 21, 2022    | Jul. 23, 2022~<br>Aug. 23, 2022 | Feb. 20, 2023 | Radiation<br>(03CH13-HY) |
| SHF-EHF Horn Antenna | SCHWARZBECK     | BBHA 9170                     | BBHA9170576 | 18GHz~40GHz                   | May 14, 2022     | Jul. 23, 2022~<br>Aug. 23, 2022 | May 13, 2023  | Radiation<br>(03CH13-HY) |
| Amplifier            | SONOMA          | 310N                          | 187282      | 9kHz~1GHz                     | Dec. 15, 2021    | Jul. 23, 2022~<br>Aug. 23, 2022 | Dec. 14, 2022 | Radiation<br>(03CH13-HY) |
| Bilog Antenna        | TESEQ           | CBL 6111D & 00800N1D01N-06    | 40103 & 07  | 30MHz~1GHz                    | Apr. 24, 2022    | Jul. 23, 2022~<br>Aug. 23, 2022 | Apr. 23, 2023 | Radiation<br>(03CH13-HY) |
| Bilog Antenna        | TESEQ           | CBL 6111D & 00800N1D01N-06    | 41912 & 05  | 30MHz~1GHz                    | Feb. 06, 2022    | Jul. 23, 2022~<br>Aug. 23, 2022 | Feb. 05, 2023 | Radiation<br>(03CH13-HY) |
| Hygrometer           | TECPEL          | DTM-303B                      | TP200889    | N/A                           | Sep. 30, 2021    | Jul. 23, 2022~<br>Aug. 23, 2022 | Sep. 29, 2022 | Radiation<br>(03CH13-HY) |
| Preamplifier         | MITEQ           | AMF-7D-0010 1800-30-10P       | 1590074     | 1GHz~18GHz                    | May 17, 2022     | Jul. 23, 2022~<br>Aug. 23, 2022 | May 16, 2023  | Radiation<br>(03CH13-HY) |
| Preamplifier         | Keysight        | 83017A                        | MY53270147  | 1GHz~26.5GHz                  | Oct. 26, 2021    | Jul. 23, 2022~<br>Aug. 23, 2022 | Oct. 25, 2022 | Radiation<br>(03CH13-HY) |
| Spectrum Analyzer    | Keysight        | N9010A                        | MY55370526  | 10Hz~44GHz                    | Mar. 18, 2022    | Jul. 23, 2022~<br>Aug. 23, 2022 | Mar. 17, 2023 | Radiation<br>(03CH13-HY) |
| Filter               | Wainwright      | WLK4-1000-15 30-8000-40SS     | SN12        | 1.53GHz Low Pass Filter       | Sep. 14, 2021    | Jul. 23, 2022~<br>Aug. 23, 2022 | Sep. 13, 2022 | Radiation<br>(03CH13-HY) |
| Filter               | Wainwright      | WHKX12-1080 -1200-15000-6 0SS | SN3         | 1.2GHz High Pass Filter       | Jun. 30, 2022    | Jul. 23, 2022~<br>Aug. 23, 2022 | Jun. 29, 2023 | Radiation<br>(03CH13-HY) |
| Filter               | Wainwright      | WHKX12-2700 -3000-18000-6 0SS | SN2         | 3GHz High Pass Filter         | Jul. 12, 2022    | Jul. 23, 2022~<br>Aug. 23, 2022 | Jul. 11, 2023 | Radiation<br>(03CH13-HY) |
| RF Cable             | HUBER + SUHNER  | SUCOFLEX 126E                 | 0030/126E   | 30MHz~18GHz                   | Feb. 09, 2022    | Jul. 23, 2022~<br>Aug. 23, 2022 | Feb. 08, 2023 | Radiation<br>(03CH13-HY) |
| RF Cable             | HUBER + SUHNER  | SUCOFLEX 104                  | 804793/4    | 30MHz~18GHz                   | Feb. 09, 2022    | Jul. 23, 2022~<br>Aug. 23, 2022 | Feb. 08, 2023 | Radiation<br>(03CH13-HY) |
| RF Cable             | HUBER + SUHNER  | SUCOFLEX 104                  | MY9837/4PE  | 9 kHz~30 MHz                  | Mar. 10, 2022    | Jul. 23, 2022~<br>Aug. 23, 2022 | Mar. 09, 2023 | Radiation<br>(03CH13-HY) |
| RF Cable             | HUBER + SUHNER  | SUCOFLEX 104                  | MY24961/4   | 30MHz~18GHz                   | Feb. 09, 2022    | Jul. 23, 2022~<br>Aug. 23, 2022 | Feb. 08, 2023 | Radiation<br>(03CH13-HY) |
| Controller           | EMEC            | EM1000                        | N/A         | Control Turn table & Ant Mast | N/A              | Jul. 23, 2022~<br>Aug. 23, 2022 | N/A           | Radiation<br>(03CH13-HY) |
| Antenna Mast         | EMEC            | AM-BS-4500-B                  | N/A         | 1m~4m                         | N/A              | Jul. 23, 2022~<br>Aug. 23, 2022 | N/A           | Radiation<br>(03CH13-HY) |
| Turn Table           | EMEC            | TT2000                        | N/A         | 0~360 Degree                  | N/A              | Jul. 23, 2022~<br>Aug. 23, 2022 | N/A           | Radiation<br>(03CH13-HY) |





| Instrument                   | Brand Name  | Model No.                                 | Serial No.  | Characteristics                     | Calibration Date | Test Date                       | Due Date      | Remark                   |
|------------------------------|-------------|---|-------------|-------------------------------------|------------------|---------------------------------|---------------|--------------------------|
| Horn Antenna                 | SCHWARZBECK | BBHA 9120 D                               | 9120D-02114 | 1-18GHz                             | Aug. 04, 2021    | Jul. 23, 2022~<br>Aug. 02, 2022 | Aug. 03, 2022 | Radiation<br>(03CH13-HY) |
| Horn Antenna                 | SCHWARZBECK | BBHA 9120 D                               | 9120D-1241  | 1-18GHz                             | Jul. 25, 2022    | Aug. 03, 2022~<br>Aug. 23, 2022 | Jul. 24, 2023 | Radiation<br>(03CH13-HY) |
| Horn Antenna                 | SCHWARZBECK | BBHA 9120 D                               | 9120D-1212  | 1GHz~18GHz                          | Mar. 10, 2022    | Jul. 23, 2022~<br>Aug. 23, 2022 | Mar. 09, 2023 | Radiation<br>(03CH13-HY) |
| Radio Communication Analyzer | Anritsu     | MT8821C                                   | 6262025280  | LTE FDD/TDD<br>LTE-2CC<br>DLCA/ULCA | Oct. 29, 2021    | Sep. 01, 2022~<br>Sep. 07, 2022 | Oct. 28, 2022 | Conducted<br>(TH03-HY)   |
| Coupler                      | Warison     | 20dB 25W<br>SMA<br>Directional<br>Coupler | #B          | 1-18GHz                             | Jan. 07, 2022    | Sep. 01, 2022~<br>Sep. 07, 2022 | Jan. 06, 2023 | Conducted<br>(TH03-HY)   |



## 6 Uncertainty of Evaluation

### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

|   |         |
|---|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.40 dB |
|---|---------|

### Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

|   |         |
|---|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.81 dB |
|---|---------|

### Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

|   |         |
|---|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.46 dB |
|---|---------|



## Appendix A. Test Results of Conducted Test

### Conducted Output Power(Average power & ERP/EIRP)

<Main Antenna>

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.62 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20  | 1         | 0         | QPSK   | 22.39  | 22.42  | 22.43   | 21.84      | 0.1528   |
| 20  | 1         | 49        |        | 22.46  | 22.38  | 22.33   |            |          |
| 20  | 1         | 99        |        | 22.34  | 22.36  | 22.40   |            |          |
| 20  | 50        | 0         |        | 21.60  | 21.49  | 21.47   |            |          |
| 20  | 50        | 24        |        | 21.54  | 21.46  | 21.45   |            |          |
| 20  | 50        | 50        |        | 21.50  | 21.37  | 21.29   |            |          |
| 20  | 100       | 0         |        | 21.55  | 21.54  | 21.31   |            |          |
| 20  | 1         | 0         | 16-QAM | 21.79  | 21.68  | 21.93   | 21.31      | 0.1352   |
| 20  | 1         | 49        |        | 21.77  | 21.73  | 21.83   |            |          |
| 20  | 1         | 99        |        | 21.62  | 21.55  | 21.70   |            |          |
| 20  | 50        | 0         |        | 20.60  | 20.38  | 20.33   |            |          |
| 20  | 50        | 24        |        | 20.49  | 20.46  | 20.39   |            |          |
| 20  | 50        | 50        |        | 20.47  | 20.34  | 20.26   |            |          |
| 20  | 100       | 0         |        | 20.37  | 20.37  | 20.20   |            |          |
| 20  | 1         | 0         | 64-QAM | 20.73  | 20.71  | 20.64   | 20.13      | 0.1030   |
| 20  | 1         | 49        |        | 20.75  | 20.50  | 20.66   |            |          |
| 20  | 1         | 99        |        | 20.55  | 20.26  | 20.41   |            |          |
| 20  | 50        | 0         |        | 19.55  | 19.33  | 19.33   |            |          |
| 20  | 50        | 24        |        | 19.50  | 19.47  | 19.39   |            |          |
| 20  | 50        | 50        |        | 19.42  | 19.28  | 19.23   |            |          |
| 20  | 100       | 0         |        | 19.29  | 19.49  | 19.22   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.62 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15  | 1         | 0         | QPSK   | 22.39  | 22.41  | 22.26   | 21.8       | 0.1514   |
| 15  | 1         | 37        |        | 22.39  | 22.42  | 22.32   |            |          |
| 15  | 1         | 74        |        | 22.32  | 22.34  | 22.23   |            |          |
| 15  | 36        | 0         |        | 21.47  | 21.43  | 21.34   |            |          |
| 15  | 36        | 20        |        | 21.44  | 21.50  | 21.31   |            |          |
| 15  | 36        | 39        |        | 21.35  | 21.38  | 21.30   |            |          |
| 15  | 75        | 0         |        | 21.44  | 21.43  | 21.37   |            |          |
| 15  | 1         | 0         | 16-QAM | 21.90  | 22.00  | 21.61   | 21.38      | 0.1374   |
| 15  | 1         | 37        |        | 21.98  | 21.76  | 21.61   |            |          |
| 15  | 1         | 74        |        | 21.92  | 21.67  | 21.47   |            |          |
| 15  | 36        | 0         |        | 20.49  | 20.42  | 20.27   |            |          |
| 15  | 36        | 20        |        | 20.38  | 20.40  | 20.38   |            |          |
| 15  | 36        | 39        |        | 20.37  | 20.35  | 20.31   |            |          |
| 15  | 75        | 0         |        | 20.51  | 20.44  | 20.33   |            |          |
| 15  | 1         | 0         | 64-QAM | 20.48  | 20.77  | 20.59   | 20.15      | 0.1035   |
| 15  | 1         | 37        |        | 20.25  | 20.48  | 20.63   |            |          |
| 15  | 1         | 74        |        | 20.57  | 20.62  | 20.23   |            |          |
| 15  | 36        | 0         |        | 19.46  | 19.45  | 19.27   |            |          |
| 15  | 36        | 20        |        | 19.40  | 19.49  | 19.34   |            |          |
| 15  | 36        | 39        |        | 19.41  | 19.37  | 19.24   |            |          |
| 15  | 75        | 0         |        | 19.39  | 19.37  | 19.25   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.62 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10  | 1         | 0         | QPSK   | 22.41  | 22.43  | 22.29   | 21.81      | 0.1517   |
| 10  | 1         | 25        |        | 22.38  | 22.43  | 22.25   |            |          |
| 10  | 1         | 49        |        | 22.37  | 22.36  | 22.18   |            |          |
| 10  | 25        | 0         |        | 21.52  | 21.47  | 21.38   |            |          |
| 10  | 25        | 12        |        | 21.51  | 21.46  | 21.30   |            |          |
| 10  | 25        | 25        |        | 21.41  | 21.42  | 21.22   |            |          |
| 10  | 50        | 0         |        | 21.43  | 21.53  | 21.35   |            |          |
| 10  | 1         | 0         | 16-QAM | 21.64  | 22.00  | 21.73   | 21.38      | 0.1374   |
| 10  | 1         | 25        |        | 21.93  | 21.94  | 21.74   |            |          |
| 10  | 1         | 49        |        | 21.92  | 21.72  | 21.54   |            |          |
| 10  | 25        | 0         |        | 20.57  | 20.47  | 20.38   |            |          |
| 10  | 25        | 12        |        | 20.39  | 20.48  | 20.40   |            |          |
| 10  | 25        | 25        |        | 20.27  | 20.46  | 20.31   |            |          |
| 10  | 50        | 0         |        | 20.48  | 20.44  | 20.42   |            |          |
| 10  | 1         | 0         | 64-QAM | 20.53  | 20.29  | 20.21   | 20.04      | 0.1009   |
| 10  | 1         | 25        |        | 20.49  | 20.27  | 20.66   |            |          |
| 10  | 1         | 49        |        | 20.18  | 20.15  | 20.53   |            |          |
| 10  | 25        | 0         |        | 19.51  | 19.51  | 19.35   |            |          |
| 10  | 25        | 12        |        | 19.53  | 19.54  | 19.24   |            |          |
| 10  | 25        | 25        |        | 19.40  | 19.45  | 19.26   |            |          |
| 10  | 50        | 0         |        | 19.49  | 19.40  | 19.37   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.62 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5   | 1         | 0         | QPSK   | 22.38  | 22.30  | 22.27   | 21.78      | 0.1507   |
| 5   | 1         | 12        |        | 22.36  | 22.30  | 22.24   |            |          |
| 5   | 1         | 24        |        | 22.34  | 22.40  | 22.12   |            |          |
| 5   | 12        | 0         |        | 21.46  | 21.47  | 21.33   |            |          |
| 5   | 12        | 7         |        | 21.43  | 21.46  | 21.34   |            |          |
| 5   | 12        | 13        |        | 21.38  | 21.43  | 21.28   |            |          |
| 5   | 25        | 0         |        | 21.53  | 21.47  | 21.46   |            |          |
| 5   | 1         | 0         | 16-QAM | 21.62  | 21.64  | 21.74   | 21.34      | 0.1361   |
| 5   | 1         | 12        |        | 21.96  | 21.48  | 21.74   |            |          |
| 5   | 1         | 24        |        | 21.41  | 21.47  | 21.69   |            |          |
| 5   | 12        | 0         |        | 20.43  | 20.57  | 20.28   |            |          |
| 5   | 12        | 7         |        | 20.47  | 20.49  | 20.22   |            |          |
| 5   | 12        | 13        |        | 20.48  | 20.47  | 20.20   |            |          |
| 5   | 25        | 0         |        | 20.53  | 20.45  | 20.41   |            |          |
| 5   | 1         | 0         | 64-QAM | 20.75  | 20.65  | 20.57   | 20.16      | 0.1038   |
| 5   | 1         | 12        |        | 20.78  | 20.62  | 20.51   |            |          |
| 5   | 1         | 24        |        | 20.55  | 20.76  | 20.62   |            |          |
| 5   | 12        | 0         |        | 19.50  | 19.53  | 19.39   |            |          |
| 5   | 12        | 7         |        | 19.46  | 19.39  | 19.37   |            |          |
| 5   | 12        | 13        |        | 19.41  | 19.41  | 19.23   |            |          |
| 5   | 25        | 0         |        | 19.43  | 19.45  | 19.29   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.62 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3   | 1         | 0         | QPSK   | 22.34  | 22.37  | 22.14   | 21.78      | 0.1507   |
| 3   | 1         | 8         |        | 22.35  | 22.40  | 22.24   |            |          |
| 3   | 1         | 14        |        | 22.40  | 22.32  | 22.29   |            |          |
| 3   | 8         | 0         |        | 21.44  | 21.47  | 21.30   |            |          |
| 3   | 8         | 4         |        | 21.42  | 21.44  | 21.25   |            |          |
| 3   | 8         | 7         |        | 21.46  | 21.42  | 21.28   |            |          |
| 3   | 15        | 0         |        | 21.42  | 21.44  | 21.28   |            |          |
| 3   | 1         | 0         | 16-QAM | 21.47  | 22.07  | 21.43   | 21.45      | 0.1396   |
| 3   | 1         | 8         |        | 21.36  | 21.98  | 21.47   |            |          |
| 3   | 1         | 14        |        | 21.44  | 21.97  | 21.42   |            |          |
| 3   | 8         | 0         |        | 20.61  | 20.55  | 20.30   |            |          |
| 3   | 8         | 4         |        | 20.63  | 20.48  | 20.30   |            |          |
| 3   | 8         | 7         |        | 20.55  | 20.49  | 20.32   |            |          |
| 3   | 15        | 0         |        | 20.59  | 20.36  | 20.36   |            |          |
| 3   | 1         | 0         | 64-QAM | 20.75  | 20.72  | 20.51   | 20.23      | 0.1054   |
| 3   | 1         | 8         |        | 20.80  | 20.75  | 20.54   |            |          |
| 3   | 1         | 14        |        | 20.85  | 20.81  | 20.51   |            |          |
| 3   | 8         | 0         |        | 19.61  | 19.61  | 19.39   |            |          |
| 3   | 8         | 4         |        | 19.58  | 19.57  | 19.38   |            |          |
| 3   | 8         | 7         |        | 19.63  | 19.43  | 19.31   |            |          |
| 3   | 15        | 0         |        | 19.49  | 19.43  | 19.29   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.62 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4   | 1         | 0         | QPSK   | 22.30  | 22.20  | 22.05   | 21.71      | 0.1483   |
| 1.4   | 1         | 3         |        | 22.15  | 22.20  | 22.09   |            |          |
| 1.4   | 1         | 5         |        | 22.22  | 22.15  | 22.06   |            |          |
| 1.4   | 3         | 0         |        | 22.33  | 22.26  | 22.10   |            |          |
| 1.4   | 3         | 1         |        | 22.30  | 22.25  | 22.11   |            |          |
| 1.4   | 3         | 3         |        | 22.30  | 22.16  | 22.07   |            |          |
| 1.4   | 6         | 0         |        | 21.33  | 21.29  | 21.04   |            |          |
| 1.4   | 1         | 0         | 16-QAM | 21.16  | 21.71  | 21.20   | 21.09      | 0.1285   |
| 1.4   | 1         | 3         |        | 21.42  | 21.20  | 21.13   |            |          |
| 1.4   | 1         | 5         |        | 21.39  | 21.36  | 21.19   |            |          |
| 1.4   | 3         | 0         |        | 21.31  | 21.30  | 21.08   |            |          |
| 1.4   | 3         | 1         |        | 21.23  | 21.29  | 21.08   |            |          |
| 1.4   | 3         | 3         |        | 21.25  | 21.13  | 21.01   |            |          |
| 1.4   | 6         | 0         |        | 20.50  | 20.63  | 20.31   |            |          |
| 1.4   | 1         | 0         | 64-QAM | 20.49  | 20.51  | 20.29   | 20.02      | 0.1005   |
| 1.4   | 1         | 3         |        | 20.51  | 20.58  | 20.29   |            |          |
| 1.4   | 1         | 5         |        | 20.45  | 20.48  | 20.27   |            |          |
| 1.4   | 3         | 0         |        | 20.27  | 20.64  | 20.42   |            |          |
| 1.4   | 3         | 1         |        | 20.58  | 20.55  | 20.43   |            |          |
| 1.4   | 3         | 3         |        | 20.53  | 20.41  | 20.42   |            |          |
| 1.4   | 6         | 0         |        | 19.39  | 19.41  | 19.22   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |





| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20   | 1         | 0         | QPSK   | 22.42  | 22.46  | 22.35   | 22.19      | 0.1656   |
| 20   | 1         | 49        |        | 22.40  | 22.36  | 22.32   |            |          |
| 20   | 1         | 99        |        | 22.17  | 22.20  | 22.10   |            |          |
| 20   | 50        | 0         |        | 21.54  | 21.56  | 21.36   |            |          |
| 20   | 50        | 24        |        | 21.46  | 21.40  | 21.34   |            |          |
| 20   | 50        | 50        |        | 21.44  | 21.35  | 21.20   |            |          |
| 20   | 100       | 0         |        | 21.38  | 21.40  | 21.26   |            |          |
| 20   | 1         | 0         | 16-QAM | 21.47  | 21.42  | 21.46   | 21.52      | 0.1419   |
| 20   | 1         | 49        |        | 21.39  | 21.60  | 21.49   |            |          |
| 20   | 1         | 99        |        | 21.79  | 21.39  | 21.24   |            |          |
| 20   | 50        | 0         |        | 20.53  | 20.31  | 20.27   |            |          |
| 20   | 50        | 24        |        | 20.45  | 20.40  | 20.26   |            |          |
| 20   | 50        | 50        |        | 20.35  | 20.24  | 20.12   |            |          |
| 20   | 100       | 0         |        | 20.32  | 20.34  | 20.19   |            |          |
| 20   | 1         | 0         | 64-QAM | 20.40  | 20.43  | 20.31   | 20.45      | 0.1109   |
| 20   | 1         | 49        |        | 20.44  | 20.72  | 20.55   |            |          |
| 20   | 1         | 99        |        | 20.37  | 20.50  | 20.08   |            |          |
| 20   | 50        | 0         |        | 19.47  | 19.25  | 19.19   |            |          |
| 20   | 50        | 24        |        | 19.39  | 19.39  | 19.25   |            |          |
| 20   | 50        | 50        |        | 19.46  | 19.34  | 19.19   |            |          |
| 20   | 100       | 0         |        | 19.29  | 19.30  | 19.22   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15   | 1         | 0         | QPSK   | 22.31  | 22.45  | 22.25   | 22.18      | 0.1652   |
| 15   | 1         | 37        |        | 22.42  | 22.28  | 22.13   |            |          |
| 15   | 1         | 74        |        | 22.21  | 22.27  | 22.22   |            |          |
| 15   | 36        | 0         |        | 21.34  | 21.33  | 21.30   |            |          |
| 15   | 36        | 20        |        | 21.36  | 21.36  | 21.26   |            |          |
| 15   | 36        | 39        |        | 21.38  | 21.35  | 21.18   |            |          |
| 15   | 75        | 0         |        | 21.34  | 21.43  | 21.27   |            |          |
| 15   | 1         | 0         | 16-QAM | 21.68  | 21.81  | 21.42   | 21.54      | 0.1426   |
| 15   | 1         | 37        |        | 21.62  | 21.47  | 21.36   |            |          |
| 15   | 1         | 74        |        | 21.52  | 21.41  | 21.15   |            |          |
| 15   | 36        | 0         |        | 20.36  | 20.37  | 20.27   |            |          |
| 15   | 36        | 20        |        | 20.37  | 20.43  | 20.31   |            |          |
| 15   | 36        | 39        |        | 20.34  | 20.31  | 20.27   |            |          |
| 15   | 75        | 0         |        | 20.34  | 20.34  | 20.27   |            |          |
| 15   | 1         | 0         | 64-QAM | 20.64  | 20.62  | 20.41   | 20.37      | 0.1089   |
| 15   | 1         | 37        |        | 20.48  | 20.38  | 20.27   |            |          |
| 15   | 1         | 74        |        | 20.57  | 20.57  | 20.39   |            |          |
| 15   | 36        | 0         |        | 19.37  | 19.36  | 19.30   |            |          |
| 15   | 36        | 20        |        | 19.38  | 19.42  | 19.25   |            |          |
| 15   | 36        | 39        |        | 19.39  | 19.38  | 19.27   |            |          |
| 15   | 75        | 0         |        | 19.30  | 19.39  | 19.24   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10   | 1         | 0         | QPSK   | 22.34  | 22.42  | 22.20   | 22.16      | 0.1644   |
| 10   | 1         | 25        |        | 22.39  | 22.43  | 22.21   |            |          |
| 10   | 1         | 49        |        | 22.35  | 22.31  | 22.30   |            |          |
| 10   | 25        | 0         |        | 21.40  | 21.45  | 21.34   |            |          |
| 10   | 25        | 12        |        | 21.33  | 21.46  | 21.33   |            |          |
| 10   | 25        | 25        |        | 21.31  | 21.45  | 21.21   |            |          |
| 10   | 50        | 0         |        | 21.40  | 21.49  | 21.26   |            |          |
| 10   | 1         | 0         | 16-QAM | 21.38  | 21.37  | 21.50   | 21.49      | 0.1409   |
| 10   | 1         | 25        |        | 21.60  | 21.35  | 21.37   |            |          |
| 10   | 1         | 49        |        | 21.57  | 21.76  | 21.66   |            |          |
| 10   | 25        | 0         |        | 20.40  | 20.50  | 20.42   |            |          |
| 10   | 25        | 12        |        | 20.29  | 20.50  | 20.27   |            |          |
| 10   | 25        | 25        |        | 20.38  | 20.38  | 20.25   |            |          |
| 10   | 50        | 0         |        | 20.38  | 20.41  | 20.27   |            |          |
| 10   | 1         | 0         | 64-QAM | 20.64  | 20.48  | 20.61   | 20.37      | 0.1089   |
| 10   | 1         | 25        |        | 20.20  | 20.30  | 20.49   |            |          |
| 10   | 1         | 49        |        | 20.19  | 20.20  | 20.47   |            |          |
| 10   | 25        | 0         |        | 19.41  | 19.38  | 19.37   |            |          |
| 10   | 25        | 12        |        | 19.41  | 19.43  | 19.34   |            |          |
| 10   | 25        | 25        |        | 19.37  | 19.34  | 19.21   |            |          |
| 10   | 50        | 0         |        | 19.34  | 19.41  | 19.21   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5  | 1         | 0         | QPSK   | 22.41  | 22.45  | 22.19   | 22.18      | 0.1652   |
| 5  | 1         | 12        |        | 22.39  | 22.27  | 22.30   |            |          |
| 5  | 1         | 24        |        | 22.36  | 22.35  | 22.39   |            |          |
| 5  | 12        | 0         |        | 21.40  | 21.44  | 21.30   |            |          |
| 5  | 12        | 7         |        | 21.38  | 21.42  | 21.29   |            |          |
| 5  | 12        | 13        |        | 21.35  | 21.38  | 21.19   |            |          |
| 5  | 25        | 0         |        | 21.37  | 21.49  | 21.28   |            |          |
| 5  | 1         | 0         | 16-QAM | 21.53  | 21.84  | 21.48   | 21.57      | 0.1435   |
| 5  | 1         | 12        |        | 21.37  | 21.51  | 21.42   |            |          |
| 5  | 1         | 24        |        | 21.69  | 21.40  | 21.21   |            |          |
| 5  | 12        | 0         |        | 20.35  | 20.41  | 20.29   |            |          |
| 5  | 12        | 7         |        | 20.40  | 20.40  | 20.26   |            |          |
| 5  | 12        | 13        |        | 20.34  | 20.47  | 20.26   |            |          |
| 5  | 25        | 0         |        | 20.31  | 20.48  | 20.22   |            |          |
| 5  | 1         | 0         | 64-QAM | 20.61  | 20.52  | 20.44   | 20.46      | 0.1112   |
| 5  | 1         | 12        |        | 20.66  | 20.73  | 20.01   |            |          |
| 5  | 1         | 24        |        | 20.65  | 20.48  | 20.33   |            |          |
| 5  | 12        | 0         |        | 19.42  | 19.45  | 19.23   |            |          |
| 5  | 12        | 7         |        | 19.43  | 19.39  | 19.20   |            |          |
| 5  | 12        | 13        |        | 19.35  | 19.34  | 19.13   |            |          |
| 5  | 25        | 0         |        | 19.47  | 19.44  | 19.23   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3  | 1         | 0         | QPSK   | 22.36  | 22.44  | 22.24   | 22.18      | 0.1652   |
| 3  | 1         | 8         |        | 22.37  | 22.45  | 22.32   |            |          |
| 3  | 1         | 14        |        | 22.44  | 22.33  | 0.00    |            |          |
| 3  | 8         | 0         |        | 21.36  | 21.36  | 21.28   |            |          |
| 3  | 8         | 4         |        | 21.37  | 21.42  | 21.28   |            |          |
| 3  | 8         | 7         |        | 21.37  | 21.44  | 21.20   |            |          |
| 3  | 15        | 0         |        | 21.36  | 21.42  | 21.20   |            |          |
| 3  | 1         | 0         | 16-QAM | 21.79  | 21.47  | 21.61   | 21.53      | 0.1422   |
| 3  | 1         | 8         |        | 21.80  | 21.49  | 21.35   |            |          |
| 3  | 1         | 14        |        | 21.51  | 21.79  | 21.39   |            |          |
| 3  | 8         | 0         |        | 20.47  | 20.39  | 20.25   |            |          |
| 3  | 8         | 4         |        | 20.46  | 20.46  | 20.32   |            |          |
| 3  | 8         | 7         |        | 20.48  | 20.47  | 20.26   |            |          |
| 3  | 15        | 0         |        | 20.35  | 20.37  | 20.29   |            |          |
| 3  | 1         | 0         | 64-QAM | 20.24  | 20.48  | 20.45   | 20.39      | 0.1094   |
| 3  | 1         | 8         |        | 20.55  | 20.50  | 20.06   |            |          |
| 3  | 1         | 14        |        | 20.66  | 20.49  | 20.38   |            |          |
| 3  | 8         | 0         |        | 19.49  | 19.56  | 19.22   |            |          |
| 3  | 8         | 4         |        | 19.60  | 19.58  | 19.15   |            |          |
| 3  | 8         | 7         |        | 19.36  | 19.43  | 19.39   |            |          |
| 3  | 15        | 0         |        | 19.47  | 19.51  | 19.25   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4  | 1         | 0         | QPSK   | 22.17  | 22.26  | 22.06   | 22.04      | 0.1600   |
| 1.4  | 1         | 3         |        | 22.21  | 22.18  | 22.05   |            |          |
| 1.4  | 1         | 5         |        | 22.12  | 22.31  | 22.09   |            |          |
| 1.4  | 3         | 0         |        | 22.27  | 22.17  | 22.11   |            |          |
| 1.4  | 3         | 1         |        | 22.14  | 22.20  | 22.12   |            |          |
| 1.4  | 3         | 3         |        | 22.22  | 22.19  | 22.09   |            |          |
| 1.4  | 6         | 0         |        | 21.18  | 21.24  | 21.01   |            |          |
| 1.4  | 1         | 0         | 16-QAM | 21.71  | 21.69  | 21.42   | 21.44      | 0.1393   |
| 1.4  | 1         | 3         |        | 21.38  | 21.65  | 21.27   |            |          |
| 1.4  | 1         | 5         |        | 21.40  | 21.30  | 21.48   |            |          |
| 1.4  | 3         | 0         |        | 21.28  | 21.19  | 21.06   |            |          |
| 1.4  | 3         | 1         |        | 21.19  | 21.29  | 21.08   |            |          |
| 1.4  | 3         | 3         |        | 21.23  | 21.02  | 21.09   |            |          |
| 1.4  | 6         | 0         |        | 20.43  | 20.64  | 20.27   |            |          |
| 1.4  | 1         | 0         | 64-QAM | 20.58  | 20.72  | 20.26   | 20.45      | 0.1109   |
| 1.4  | 1         | 3         |        | 20.66  | 20.46  | 20.29   |            |          |
| 1.4  | 1         | 5         |        | 20.39  | 20.71  | 20.39   |            |          |
| 1.4  | 3         | 0         |        | 20.43  | 20.54  | 20.26   |            |          |
| 1.4  | 3         | 1         |        | 20.45  | 20.28  | 20.30   |            |          |
| 1.4  | 3         | 3         |        | 20.57  | 20.59  | 20.01   |            |          |
| 1.4  | 6         | 0         |        | 19.52  | 19.37  | 19.16   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20  | 1         | 0         | QPSK   | 22.20  | 22.25  | 22.37   | 19.95      | 0.0989   |
| 20  | 1         | 49        |        | 22.23  | 22.32  | 22.46   |            |          |
| 20  | 1         | 99        |        | 22.13  | 22.20  | 22.30   |            |          |
| 20  | 50        | 0         |        | 21.24  | 21.38  | 21.40   |            |          |
| 20  | 50        | 24        |        | 21.37  | 21.39  | 21.45   |            |          |
| 20  | 50        | 50        |        | 21.27  | 21.38  | 21.44   |            |          |
| 20  | 100       | 0         |        | 21.25  | 21.34  | 21.43   |            |          |
| 20  | 1         | 0         | 16-QAM | 21.39  | 21.82  | 21.59   | 19.31      | 0.0853   |
| 20  | 1         | 49        |        | 21.29  | 21.59  | 21.61   |            |          |
| 20  | 1         | 99        |        | 21.12  | 21.47  | 21.54   |            |          |
| 20  | 50        | 0         |        | 20.25  | 20.35  | 20.34   |            |          |
| 20  | 50        | 24        |        | 20.32  | 20.35  | 20.42   |            |          |
| 20  | 50        | 50        |        | 20.31  | 20.41  | 20.34   |            |          |
| 20  | 100       | 0         |        | 20.22  | 20.32  | 20.43   |            |          |
| 20  | 1         | 0         | 64-QAM | 20.48  | 20.15  | 20.34   | 18.19      | 0.0659   |
| 20  | 1         | 49        |        | 20.44  | 20.60  | 20.70   |            |          |
| 20  | 1         | 99        |        | 20.47  | 20.51  | 20.54   |            |          |
| 20  | 50        | 0         |        | 19.16  | 19.35  | 19.34   |            |          |
| 20  | 50        | 24        |        | 19.32  | 19.32  | 19.41   |            |          |
| 20  | 50        | 50        |        | 19.28  | 19.31  | 19.33   |            |          |
| 20  | 100       | 0         |        | 19.23  | 19.40  | 19.30   |            |          |
| Limit   | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15  | 1         | 0         | QPSK   | 22.26  | 22.32  | 22.37   | 19.86      | 0.0968   |
| 15  | 1         | 37        |        | 22.26  | 22.35  | 22.34   |            |          |
| 15  | 1         | 74        |        | 22.17  | 22.31  | 22.35   |            |          |
| 15  | 36        | 0         |        | 21.28  | 21.33  | 21.34   |            |          |
| 15  | 36        | 20        |        | 21.24  | 21.30  | 21.31   |            |          |
| 15  | 36        | 39        |        | 21.29  | 21.29  | 21.39   |            |          |
| 15  | 75        | 0         |        | 21.27  | 21.33  | 21.33   |            |          |
| 15  | 1         | 0         | 16-QAM | 21.41  | 21.53  | 21.61   | 19.10      | 0.0813   |
| 15  | 1         | 37        |        | 21.44  | 21.49  | 21.50   |            |          |
| 15  | 1         | 74        |        | 21.37  | 21.41  | 21.54   |            |          |
| 15  | 36        | 0         |        | 20.30  | 20.29  | 20.39   |            |          |
| 15  | 36        | 20        |        | 20.27  | 20.35  | 20.32   |            |          |
| 15  | 36        | 39        |        | 20.28  | 20.31  | 20.30   |            |          |
| 15  | 75        | 0         |        | 20.28  | 20.15  | 20.38   |            |          |
| 15  | 1         | 0         | 64-QAM | 20.52  | 20.58  | 20.63   | 18.12      | 0.0649   |
| 15  | 1         | 37        |        | 20.59  | 20.55  | 20.56   |            |          |
| 15  | 1         | 74        |        | 20.57  | 20.45  | 20.49   |            |          |
| 15  | 36        | 0         |        | 19.31  | 19.31  | 19.44   |            |          |
| 15  | 36        | 20        |        | 19.31  | 19.27  | 19.35   |            |          |
| 15  | 36        | 39        |        | 19.22  | 19.39  | 19.36   |            |          |
| 15  | 75        | 0         |        | 19.21  | 19.19  | 19.38   |            |          |
| Limit   | EIRP < 1W |           |        | Result |        |         | Pass       |          |





| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10  | 1         | 0         | QPSK   | 22.32  | 22.43  | 22.38   | 19.94      | 0.0986   |
| 10  | 1         | 25        |        | 22.29  | 22.32  | 22.45   |            |          |
| 10  | 1         | 49        |        | 22.28  | 22.36  | 22.42   |            |          |
| 10  | 25        | 0         |        | 21.33  | 21.35  | 21.36   |            |          |
| 10  | 25        | 12        |        | 21.31  | 21.32  | 21.44   |            |          |
| 10  | 25        | 25        |        | 21.37  | 21.39  | 21.46   |            |          |
| 10  | 50        | 0         |        | 21.34  | 21.39  | 21.44   |            |          |
| 10  | 1         | 0         | 16-QAM | 21.45  | 21.61  | 21.63   | 19.38      | 0.0867   |
| 10  | 1         | 25        |        | 21.79  | 21.60  | 21.89   |            |          |
| 10  | 1         | 49        |        | 21.74  | 21.56  | 21.88   |            |          |
| 10  | 25        | 0         |        | 20.26  | 20.40  | 20.43   |            |          |
| 10  | 25        | 12        |        | 20.26  | 20.45  | 20.43   |            |          |
| 10  | 25        | 25        |        | 20.35  | 20.34  | 20.37   |            |          |
| 10  | 50        | 0         |        | 20.35  | 20.36  | 20.41   |            |          |
| 10  | 1         | 0         | 64-QAM | 20.32  | 20.65  | 20.61   | 18.23      | 0.0665   |
| 10  | 1         | 25        |        | 20.33  | 20.59  | 20.74   |            |          |
| 10  | 1         | 49        |        | 20.08  | 20.31  | 20.61   |            |          |
| 10  | 25        | 0         |        | 19.40  | 19.35  | 19.36   |            |          |
| 10  | 25        | 12        |        | 19.36  | 19.25  | 19.34   |            |          |
| 10  | 25        | 25        |        | 19.36  | 19.28  | 19.33   |            |          |
| 10  | 50        | 0         |        | 19.29  | 19.31  | 19.43   |            |          |
| Limit   | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5   | 1         | 0         | QPSK   | 22.31  | 22.36  | 22.35   | 19.90      | 0.0977   |
| 5   | 1         | 12        |        | 22.29  | 22.33  | 22.41   |            |          |
| 5   | 1         | 24        |        | 22.37  | 22.33  | 22.32   |            |          |
| 5   | 12        | 0         |        | 21.39  | 21.37  | 21.36   |            |          |
| 5   | 12        | 7         |        | 21.30  | 21.31  | 21.40   |            |          |
| 5   | 12        | 13        |        | 21.32  | 21.39  | 21.42   |            |          |
| 5   | 25        | 0         |        | 21.34  | 21.38  | 21.43   |            |          |
| 5   | 1         | 0         | 16-QAM | 21.36  | 21.48  | 21.79   | 19.30      | 0.0851   |
| 5   | 1         | 12        |        | 21.36  | 21.50  | 21.81   |            |          |
| 5   | 1         | 24        |        | 21.27  | 21.76  | 21.80   |            |          |
| 5   | 12        | 0         |        | 20.41  | 20.31  | 20.34   |            |          |
| 5   | 12        | 7         |        | 20.35  | 20.38  | 20.32   |            |          |
| 5   | 12        | 13        |        | 20.31  | 20.37  | 20.25   |            |          |
| 5   | 25        | 0         |        | 20.26  | 20.35  | 20.48   |            |          |
| 5   | 1         | 0         | 64-QAM | 20.52  | 20.61  | 20.18   | 18.15      | 0.0653   |
| 5   | 1         | 12        |        | 20.64  | 20.44  | 20.23   |            |          |
| 5   | 1         | 24        |        | 20.57  | 20.38  | 20.66   |            |          |
| 5   | 12        | 0         |        | 19.26  | 19.38  | 19.44   |            |          |
| 5   | 12        | 7         |        | 19.30  | 19.36  | 19.45   |            |          |
| 5   | 12        | 13        |        | 19.33  | 19.32  | 19.33   |            |          |
| 5   | 25        | 0         |        | 19.35  | 19.39  | 19.45   |            |          |
| Limit   | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3   | 1         | 0         | QPSK   | 22.34  | 22.22  | 22.22   | 19.86      | 0.0968   |
| 3   | 1         | 8         |        | 22.23  | 22.27  | 22.36   |            |          |
| 3   | 1         | 14        |        | 22.22  | 22.37  | 22.24   |            |          |
| 3   | 8         | 0         |        | 21.29  | 21.34  | 21.35   |            |          |
| 3   | 8         | 4         |        | 21.34  | 21.27  | 21.40   |            |          |
| 3   | 8         | 7         |        | 21.28  | 21.28  | 21.33   |            |          |
| 3   | 15        | 0         |        | 21.33  | 21.36  | 21.37   |            |          |
| 3   | 1         | 0         | 16-QAM | 21.31  | 21.46  | 21.91   | 19.44      | 0.0879   |
| 3   | 1         | 8         |        | 21.22  | 21.51  | 21.95   |            |          |
| 3   | 1         | 14        |        | 21.18  | 21.33  | 21.89   |            |          |
| 3   | 8         | 0         |        | 20.37  | 20.40  | 20.39   |            |          |
| 3   | 8         | 4         |        | 20.51  | 20.29  | 20.41   |            |          |
| 3   | 8         | 7         |        | 20.43  | 20.39  | 20.43   |            |          |
| 3   | 15        | 0         |        | 20.33  | 20.35  | 20.39   |            |          |
| 3   | 1         | 0         | 64-QAM | 20.46  | 20.63  | 20.36   | 18.12      | 0.0649   |
| 3   | 1         | 8         |        | 20.41  | 20.62  | 20.43   |            |          |
| 3   | 1         | 14        |        | 20.63  | 20.56  | 20.61   |            |          |
| 3   | 8         | 0         |        | 19.34  | 19.53  | 19.35   |            |          |
| 3   | 8         | 4         |        | 19.28  | 19.40  | 19.32   |            |          |
| 3   | 8         | 7         |        | 19.35  | 19.29  | 19.54   |            |          |
| 3   | 15        | 0         |        | 19.19  | 19.32  | 19.34   |            |          |
| Limit   | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4   | 1         | 0         | QPSK   | 22.22  | 22.11  | 22.02   | 19.71      | 0.0935   |
| 1.4   | 1         | 3         |        | 22.22  | 22.09  | 22.04   |            |          |
| 1.4   | 1         | 5         |        | 22.14  | 22.10  | 22.10   |            |          |
| 1.4   | 3         | 0         |        | 22.09  | 22.19  | 22.14   |            |          |
| 1.4   | 3         | 1         |        | 22.09  | 22.16  | 22.04   |            |          |
| 1.4   | 3         | 3         |        | 22.10  | 22.12  | 22.16   |            |          |
| 1.4   | 6         | 0         |        | 21.21  | 21.37  | 21.34   |            |          |
| 1.4   | 1         | 0         | 16-QAM | 21.42  | 21.28  | 21.88   | 19.37      | 0.0865   |
| 1.4   | 1         | 3         |        | 21.79  | 21.27  | 21.84   |            |          |
| 1.4   | 1         | 5         |        | 21.25  | 21.31  | 21.83   |            |          |
| 1.4   | 3         | 0         |        | 21.13  | 21.41  | 21.37   |            |          |
| 1.4   | 3         | 1         |        | 21.33  | 21.41  | 21.46   |            |          |
| 1.4   | 3         | 3         |        | 21.29  | 21.28  | 21.39   |            |          |
| 1.4   | 6         | 0         |        | 20.26  | 20.41  | 20.38   |            |          |
| 1.4   | 1         | 0         | 64-QAM | 20.54  | 20.43  | 20.45   | 18.08      | 0.0643   |
| 1.4   | 1         | 3         |        | 20.39  | 20.45  | 20.16   |            |          |
| 1.4   | 1         | 5         |        | 20.58  | 20.42  | 20.13   |            |          |
| 1.4   | 3         | 0         |        | 20.56  | 20.54  | 20.59   |            |          |
| 1.4   | 3         | 1         |        | 20.01  | 20.42  | 20.52   |            |          |
| 1.4   | 3         | 3         |        | 20.05  | 20.48  | 20.41   |            |          |
| 1.4   | 6         | 0         |        | 19.19  | 19.25  | 19.46   |            |          |
| Limit   | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.06 dB) |          |           |        |        |        |         |           |         |
|---|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]  | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10  | 1        | 0         | QPSK   | 23.65  | 23.55  | 23.67   | 20.46     | 0.1112  |
| 10  | 1        | 25        |        | 23.49  | 23.47  | 23.55   |           |         |
| 10  | 1        | 49        |        | 23.47  | 23.52  | 23.55   |           |         |
| 10  | 25       | 0         |        | 22.57  | 22.64  | 22.65   |           |         |
| 10  | 25       | 12        |        | 22.56  | 22.63  | 22.64   |           |         |
| 10  | 25       | 25        |        | 22.54  | 22.60  | 22.61   |           |         |
| 10  | 50       | 0         |        | 22.60  | 22.61  | 22.62   |           |         |
| 10  | 1        | 0         | 16-QAM | 23.16  | 23.24  | 22.81   | 20.03     | 0.1007  |
| 10  | 1        | 25        |        | 23.24  | 22.79  | 23.12   |           |         |
| 10  | 1        | 49        |        | 23.12  | 22.65  | 23.00   |           |         |
| 10  | 25       | 0         |        | 21.64  | 21.60  | 21.56   |           |         |
| 10  | 25       | 12        |        | 21.49  | 21.62  | 21.56   |           |         |
| 10  | 25       | 25        |        | 21.55  | 21.58  | 21.54   |           |         |
| 10  | 50       | 0         |        | 21.53  | 21.57  | 21.61   |           |         |
| 10  | 1        | 0         | 64-QAM | 21.57  | 22.03  | 21.74   | 18.82     | 0.0762  |
| 10  | 1        | 25        |        | 21.57  | 21.78  | 21.66   |           |         |
| 10  | 1        | 49        |        | 21.51  | 21.73  | 21.62   |           |         |
| 10  | 25       | 0         |        | 20.58  | 20.71  | 20.70   |           |         |
| 10  | 25       | 12        |        | 20.59  | 20.63  | 20.66   |           |         |
| 10  | 25       | 25        |        | 20.53  | 20.64  | 20.59   |           |         |
| 10  | 50       | 0         |        | 20.49  | 20.65  | 20.69   |           |         |
| Limit   | ERP < 7W |           |        | Result |        |         | Pass      |         |



| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.06 dB) |          |           |        |        |        |         |           |         |
|---|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]  | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5   | 1        | 0         | QPSK   | 23.57  | 23.55  | 23.65   | 20.44     | 0.1107  |
| 5   | 1        | 12        |        | 23.46  | 23.56  | 23.58   |           |         |
| 5   | 1        | 24        |        | 23.49  | 23.50  | 23.53   |           |         |
| 5   | 12       | 0         |        | 22.60  | 22.73  | 22.66   |           |         |
| 5   | 12       | 7         |        | 22.58  | 22.58  | 22.61   |           |         |
| 5   | 12       | 13        |        | 22.54  | 22.54  | 22.55   |           |         |
| 5   | 25       | 0         |        | 22.56  | 22.59  | 22.64   |           |         |
| 5   | 1        | 0         | 16-QAM | 23.19  | 23.24  | 23.16   | 20.03     | 0.1007  |
| 5   | 1        | 12        |        | 23.22  | 23.12  | 23.22   |           |         |
| 5   | 1        | 24        |        | 22.78  | 23.20  | 22.99   |           |         |
| 5   | 12       | 0         |        | 21.57  | 21.60  | 21.66   |           |         |
| 5   | 12       | 7         |        | 21.56  | 21.58  | 21.54   |           |         |
| 5   | 12       | 13        |        | 21.59  | 21.49  | 21.54   |           |         |
| 5   | 25       | 0         |        | 21.56  | 21.56  | 21.59   |           |         |
| 5   | 1        | 0         | 64-QAM | 21.50  | 21.56  | 21.58   | 18.68     | 0.0738  |
| 5   | 1        | 12        |        | 21.82  | 21.89  | 21.76   |           |         |
| 5   | 1        | 24        |        | 21.86  | 21.87  | 21.81   |           |         |
| 5   | 12       | 0         |        | 20.69  | 20.69  | 20.73   |           |         |
| 5   | 12       | 7         |        | 20.68  | 20.70  | 20.75   |           |         |
| 5   | 12       | 13        |        | 20.54  | 20.61  | 20.62   |           |         |
| 5   | 25       | 0         |        | 20.50  | 20.57  | 20.63   |           |         |
| Limit   | ERP < 7W |           |        | Result |        |         | Pass      |         |



| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.06 dB) |          |           |        |        |        |         |           |         |
|---|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]  | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3   | 1        | 0         | QPSK   | 23.43  | 23.57  | 23.65   | 20.44     | 0.1107  |
| 3   | 1        | 8         |        | 23.50  | 23.51  | 23.54   |           |         |
| 3   | 1        | 14        |        | 23.50  | 23.48  | 23.57   |           |         |
| 3   | 8        | 0         |        | 22.56  | 22.53  | 22.63   |           |         |
| 3   | 8        | 4         |        | 22.52  | 22.57  | 22.60   |           |         |
| 3   | 8        | 7         |        | 22.54  | 22.57  | 22.60   |           |         |
| 3   | 15       | 0         |        | 22.58  | 22.61  | 22.57   |           |         |
| 3   | 1        | 0         | 16-QAM | 22.56  | 22.55  | 22.59   | 19.55     | 0.0902  |
| 3   | 1        | 8         |        | 22.61  | 22.76  | 22.50   |           |         |
| 3   | 1        | 14        |        | 22.50  | 22.51  | 22.43   |           |         |
| 3   | 8        | 0         |        | 21.76  | 21.73  | 21.72   |           |         |
| 3   | 8        | 4         |        | 21.67  | 21.69  | 21.72   |           |         |
| 3   | 8        | 7         |        | 21.65  | 21.69  | 21.63   |           |         |
| 3   | 15       | 0         |        | 21.57  | 21.63  | 21.62   |           |         |
| 3   | 1        | 0         | 64-QAM | 21.92  | 22.01  | 21.72   | 18.8      | 0.0759  |
| 3   | 1        | 8         |        | 21.97  | 21.79  | 21.71   |           |         |
| 3   | 1        | 14        |        | 22.01  | 21.72  | 21.93   |           |         |
| 3   | 8        | 0         |        | 20.68  | 20.49  | 20.59   |           |         |
| 3   | 8        | 4         |        | 20.42  | 20.63  | 20.66   |           |         |
| 3   | 8        | 7         |        | 20.47  | 20.53  | 20.55   |           |         |
| 3   | 15       | 0         |        | 20.51  | 20.67  | 20.46   |           |         |
| Limit   | ERP < 7W |           |        | Result |        |         | Pass      |         |



| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.06 dB) |          |           |        |        |        |         |           |         |
|---|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]  | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4   | 1        | 0         | QPSK   | 23.46  | 23.35  | 23.37   | 20.27     | 0.1064  |
| 1.4   | 1        | 3         |        | 23.39  | 23.39  | 23.37   |           |         |
| 1.4   | 1        | 5         |        | 23.45  | 23.44  | 23.45   |           |         |
| 1.4   | 3        | 0         |        | 23.48  | 23.42  | 23.40   |           |         |
| 1.4   | 3        | 1         |        | 23.46  | 23.33  | 23.38   |           |         |
| 1.4   | 3        | 3         |        | 23.36  | 23.40  | 23.43   |           |         |
| 1.4   | 6        | 0         |        | 22.43  | 22.39  | 22.47   |           |         |
| 1.4   | 1        | 0         | 16-QAM | 23.00  | 22.73  | 22.62   | 19.79     | 0.0953  |
| 1.4   | 1        | 3         |        | 22.95  | 22.67  | 22.65   |           |         |
| 1.4   | 1        | 5         |        | 22.97  | 22.72  | 22.92   |           |         |
| 1.4   | 3        | 0         |        | 22.43  | 22.40  | 22.43   |           |         |
| 1.4   | 3        | 1         |        | 22.48  | 22.36  | 22.51   |           |         |
| 1.4   | 3        | 3         |        | 22.47  | 22.28  | 22.53   |           |         |
| 1.4   | 6        | 0         |        | 21.60  | 21.67  | 21.63   |           |         |
| 1.4   | 1        | 0         | 64-QAM | 21.42  | 21.62  | 21.47   | 18.54     | 0.0714  |
| 1.4   | 1        | 3         |        | 21.37  | 21.72  | 21.39   |           |         |
| 1.4   | 1        | 5         |        | 21.75  | 21.65  | 21.44   |           |         |
| 1.4   | 3        | 0         |        | 21.47  | 21.36  | 21.63   |           |         |
| 1.4   | 3        | 1         |        | 21.45  | 21.49  | 21.53   |           |         |
| 1.4   | 3        | 3         |        | 21.39  | 21.29  | 21.59   |           |         |
| 1.4   | 6        | 0         |        | 20.37  | 20.37  | 20.35   |           |         |
| Limit   | ERP < 7W |           |        | Result |        |         | Pass      |         |





| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.93 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20   | 1         | 0         | QPSK   | 22.39  | 22.43  | 22.41   | 24.51      | 0.2825   |
| 20   | 1         | 49        |        | 22.50  | 22.58  | 22.56   |            |          |
| 20   | 1         | 99        |        | 22.32  | 22.56  | 22.55   |            |          |
| 20   | 50        | 0         |        | 21.58  | 21.70  | 21.69   |            |          |
| 20   | 50        | 24        |        | 21.52  | 21.69  | 21.66   |            |          |
| 20   | 50        | 50        |        | 21.57  | 21.72  | 21.67   |            |          |
| 20   | 100       | 0         |        | 21.52  | 21.63  | 21.62   |            |          |
| 20   | 1         | 0         | 16-QAM | 21.27  | 21.37  | 21.74   | 23.88      | 0.2443   |
| 20   | 1         | 49        |        | 21.59  | 21.95  | 21.91   |            |          |
| 20   | 1         | 99        |        | 21.34  | 21.83  | 21.38   |            |          |
| 20   | 50        | 0         |        | 20.17  | 20.41  | 20.50   |            |          |
| 20   | 50        | 24        |        | 20.35  | 20.43  | 20.46   |            |          |
| 20   | 50        | 50        |        | 20.31  | 20.45  | 20.46   |            |          |
| 20   | 100       | 0         |        | 20.32  | 20.37  | 20.31   |            |          |
| 20   | 1         | 0         | 64-QAM | 20.28  | 20.04  | 20.51   | 22.54      | 0.1795   |
| 20   | 1         | 49        |        | 20.61  | 20.46  | 20.38   |            |          |
| 20   | 1         | 99        |        | 20.42  | 20.45  | 20.22   |            |          |
| 20   | 50        | 0         |        | 19.15  | 19.33  | 19.44   |            |          |
| 20   | 50        | 24        |        | 19.29  | 19.40  | 19.40   |            |          |
| 20   | 50        | 50        |        | 19.36  | 19.38  | 19.39   |            |          |
| 20   | 100       | 0         |        | 19.26  | 19.33  | 19.37   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.93 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15   | 1         | 0         | QPSK   | 22.16  | 22.24  | 22.19   | 24.28      | 0.2679   |
| 15   | 1         | 37        |        | 22.24  | 22.35  | 22.22   |            |          |
| 15   | 1         | 74        |        | 22.24  | 22.33  | 22.35   |            |          |
| 15   | 36        | 0         |        | 21.24  | 21.34  | 21.39   |            |          |
| 15   | 36        | 20        |        | 21.28  | 21.42  | 21.40   |            |          |
| 15   | 36        | 39        |        | 21.23  | 21.39  | 21.38   |            |          |
| 15   | 75        | 0         |        | 21.22  | 21.35  | 21.44   |            |          |
| 15   | 1         | 0         | 16-QAM | 21.50  | 21.51  | 21.33   | 23.84      | 0.2421   |
| 15   | 1         | 37        |        | 21.84  | 21.56  | 21.91   |            |          |
| 15   | 1         | 74        |        | 21.46  | 21.45  | 21.59   |            |          |
| 15   | 36        | 0         |        | 20.24  | 20.31  | 20.42   |            |          |
| 15   | 36        | 20        |        | 20.24  | 20.47  | 20.33   |            |          |
| 15   | 36        | 39        |        | 20.26  | 20.30  | 20.42   |            |          |
| 15   | 75        | 0         |        | 20.20  | 20.31  | 20.39   |            |          |
| 15   | 1         | 0         | 64-QAM | 20.50  | 20.36  | 20.53   | 22.62      | 0.1828   |
| 15   | 1         | 37        |        | 20.55  | 20.36  | 20.65   |            |          |
| 15   | 1         | 74        |        | 20.46  | 20.69  | 20.47   |            |          |
| 15   | 36        | 0         |        | 19.18  | 19.44  | 19.42   |            |          |
| 15   | 36        | 20        |        | 19.28  | 19.32  | 19.43   |            |          |
| 15   | 36        | 39        |        | 19.23  | 19.38  | 19.44   |            |          |
| 15   | 75        | 0         |        | 19.25  | 19.39  | 19.38   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.93 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10   | 1         | 0         | QPSK   | 22.22  | 22.37  | 22.37   | 24.44      | 0.2780   |
| 10   | 1         | 25        |        | 22.25  | 22.43  | 22.51   |            |          |
| 10   | 1         | 49        |        | 22.22  | 22.27  | 22.35   |            |          |
| 10   | 25        | 0         |        | 21.19  | 21.38  | 21.45   |            |          |
| 10   | 25        | 12        |        | 21.21  | 21.36  | 21.39   |            |          |
| 10   | 25        | 25        |        | 21.34  | 21.42  | 21.42   |            |          |
| 10   | 50        | 0         |        | 21.21  | 21.40  | 21.37   |            |          |
| 10   | 1         | 0         | 16-QAM | 21.85  | 21.80  | 21.37   | 23.90      | 0.2455   |
| 10   | 1         | 25        |        | 21.47  | 21.84  | 21.88   |            |          |
| 10   | 1         | 49        |        | 21.85  | 21.97  | 21.84   |            |          |
| 10   | 25        | 0         |        | 20.29  | 20.40  | 20.42   |            |          |
| 10   | 25        | 12        |        | 20.18  | 20.33  | 20.54   |            |          |
| 10   | 25        | 25        |        | 20.27  | 20.42  | 20.36   |            |          |
| 10   | 50        | 0         |        | 20.25  | 20.36  | 20.43   |            |          |
| 10   | 1         | 0         | 64-QAM | 20.31  | 20.34  | 20.49   | 22.54      | 0.1795   |
| 10   | 1         | 25        |        | 20.52  | 20.46  | 20.61   |            |          |
| 10   | 1         | 49        |        | 20.53  | 20.37  | 20.61   |            |          |
| 10   | 25        | 0         |        | 19.30  | 19.41  | 19.34   |            |          |
| 10   | 25        | 12        |        | 19.26  | 19.38  | 19.45   |            |          |
| 10   | 25        | 25        |        | 19.22  | 19.41  | 19.35   |            |          |
| 10   | 50        | 0         |        | 19.29  | 19.36  | 19.38   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.93 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5  | 1         | 0         | QPSK   | 22.25  | 22.38  | 22.51   | 24.44      | 0.2780   |
| 5  | 1         | 12        |        | 22.20  | 22.29  | 22.29   |            |          |
| 5  | 1         | 24        |        | 22.16  | 22.32  | 22.33   |            |          |
| 5  | 12        | 0         |        | 21.24  | 21.42  | 21.44   |            |          |
| 5  | 12        | 7         |        | 21.23  | 21.36  | 21.43   |            |          |
| 5  | 12        | 13        |        | 21.18  | 21.39  | 21.40   |            |          |
| 5  | 25        | 0         |        | 21.70  | 21.37  | 21.46   |            |          |
| 5  | 1         | 0         | 16-QAM | 21.73  | 21.80  | 21.46   | 23.78      | 0.2388   |
| 5  | 1         | 12        |        | 21.76  | 21.56  | 21.70   |            |          |
| 5  | 1         | 24        |        | 21.69  | 21.85  | 21.62   |            |          |
| 5  | 12        | 0         |        | 20.24  | 20.33  | 20.40   |            |          |
| 5  | 12        | 7         |        | 20.14  | 20.32  | 20.49   |            |          |
| 5  | 12        | 13        |        | 20.11  | 20.37  | 20.41   |            |          |
| 5  | 25        | 0         |        | 20.19  | 20.28  | 20.45   |            |          |
| 5  | 1         | 0         | 64-QAM | 20.44  | 20.42  | 20.61   | 22.67      | 0.1849   |
| 5  | 1         | 12        |        | 20.44  | 20.50  | 20.53   |            |          |
| 5  | 1         | 24        |        | 20.43  | 20.66  | 20.74   |            |          |
| 5  | 12        | 0         |        | 19.22  | 19.37  | 19.49   |            |          |
| 5  | 12        | 7         |        | 19.21  | 19.37  | 19.49   |            |          |
| 5  | 12        | 13        |        | 19.20  | 19.36  | 19.50   |            |          |
| 5  | 25        | 0         |        | 19.21  | 19.43  | 19.44   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.44 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10   | 1        | 0         | QPSK   | 23.69  | 23.80  | 23.91   | 20.43     | 0.1104  |
| 10   | 1        | 25        |        | 23.83  | 23.91  | 23.89   |           |         |
| 10   | 1        | 49        |        | 24.02  | 23.97  | 23.95   |           |         |
| 10   | 25       | 0         |        | 22.92  | 22.87  | 22.89   |           |         |
| 10   | 25       | 12        |        | 22.86  | 22.85  | 22.84   |           |         |
| 10   | 25       | 25        |        | 22.87  | 22.82  | 22.85   |           |         |
| 10   | 50       | 0         |        | 22.86  | 22.81  | 22.77   |           |         |
| 10   | 1        | 0         | 16-QAM | 23.25  | 23.12  | 23.09   | 19.81     | 0.0957  |
| 10   | 1        | 25        |        | 23.13  | 22.92  | 23.40   |           |         |
| 10   | 1        | 49        |        | 23.25  | 23.34  | 23.32   |           |         |
| 10   | 25       | 0         |        | 21.90  | 21.85  | 21.79   |           |         |
| 10   | 25       | 12        |        | 21.86  | 21.86  | 21.90   |           |         |
| 10   | 25       | 25        |        | 22.01  | 21.91  | 21.82   |           |         |
| 10   | 50       | 0         |        | 21.80  | 21.82  | 21.77   |           |         |
| 10   | 1        | 0         | 64-QAM | 22.00  | 22.04  | 22.04   | 18.57     | 0.0719  |
| 10   | 1        | 25        |        | 22.09  | 22.10  | 22.10   |           |         |
| 10   | 1        | 49        |        | 22.14  | 22.16  | 21.78   |           |         |
| 10   | 25       | 0         |        | 20.80  | 20.79  | 20.66   |           |         |
| 10   | 25       | 12        |        | 20.86  | 20.81  | 20.75   |           |         |
| 10   | 25       | 25        |        | 20.94  | 20.78  | 20.80   |           |         |
| 10   | 50       | 0         |        | 20.88  | 20.87  | 20.85   |           |         |
| Limit  | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.44 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5  | 1        | 0         | QPSK   | 23.83  | 23.95  | 23.77   | 20.51     | 0.1125  |
| 5  | 1        | 12        |        | 23.92  | 23.89  | 23.84   |           |         |
| 5  | 1        | 24        |        | 24.10  | 23.89  | 23.87   |           |         |
| 5  | 12       | 0         |        | 22.87  | 22.88  | 22.87   |           |         |
| 5  | 12       | 7         |        | 22.89  | 22.93  | 22.83   |           |         |
| 5  | 12       | 13        |        | 22.82  | 22.86  | 22.79   |           |         |
| 5  | 25       | 0         |        | 22.89  | 22.85  | 22.80   |           |         |
| 5  | 1        | 0         | 16-QAM | 23.38  | 23.34  | 23.35   | 19.9      | 0.0977  |
| 5  | 1        | 12        |        | 23.34  | 23.38  | 23.32   |           |         |
| 5  | 1        | 24        |        | 23.49  | 23.33  | 23.22   |           |         |
| 5  | 12       | 0         |        | 21.81  | 21.82  | 21.78   |           |         |
| 5  | 12       | 7         |        | 21.80  | 21.75  | 21.79   |           |         |
| 5  | 12       | 13        |        | 21.80  | 21.81  | 21.75   |           |         |
| 5  | 25       | 0         |        | 21.90  | 21.94  | 21.84   |           |         |
| 5  | 1        | 0         | 64-QAM | 21.81  | 21.93  | 21.82   | 18.59     | 0.0723  |
| 5  | 1        | 12        |        | 22.10  | 21.66  | 21.55   |           |         |
| 5  | 1        | 24        |        | 22.18  | 21.66  | 22.07   |           |         |
| 5  | 12       | 0         |        | 20.94  | 20.87  | 20.79   |           |         |
| 5  | 12       | 7         |        | 20.88  | 20.91  | 20.87   |           |         |
| 5  | 12       | 13        |        | 20.82  | 20.94  | 20.77   |           |         |
| 5  | 25       | 0         |        | 20.87  | 20.87  | 20.71   |           |         |
| Limit  | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.44 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3  | 1        | 0         | QPSK   | 23.88  | 23.86  | 23.79   | 20.32     | 0.1076  |
| 3  | 1        | 8         |        | 23.85  | 23.90  | 23.80   |           |         |
| 3  | 1        | 14        |        | 23.76  | 23.91  | 23.74   |           |         |
| 3  | 8        | 0         |        | 22.80  | 22.85  | 22.79   |           |         |
| 3  | 8        | 4         |        | 22.70  | 22.92  | 22.73   |           |         |
| 3  | 8        | 7         |        | 22.82  | 22.89  | 22.85   |           |         |
| 3  | 15       | 0         |        | 22.78  | 22.82  | 22.80   |           |         |
| 3  | 1        | 0         | 16-QAM | 23.08  | 23.12  | 22.86   | 19.88     | 0.0973  |
| 3  | 1        | 8         |        | 23.02  | 23.41  | 22.81   |           |         |
| 3  | 1        | 14        |        | 23.14  | 23.47  | 22.76   |           |         |
| 3  | 8        | 0         |        | 21.81  | 21.86  | 21.89   |           |         |
| 3  | 8        | 4         |        | 21.89  | 21.87  | 21.90   |           |         |
| 3  | 8        | 7         |        | 21.88  | 21.86  | 21.83   |           |         |
| 3  | 15       | 0         |        | 21.81  | 21.91  | 21.77   |           |         |
| 3  | 1        | 0         | 64-QAM | 22.09  | 22.16  | 21.93   | 18.57     | 0.0719  |
| 3  | 1        | 8         |        | 22.01  | 22.10  | 22.15   |           |         |
| 3  | 1        | 14        |        | 22.07  | 21.87  | 22.11   |           |         |
| 3  | 8        | 0         |        | 20.77  | 20.82  | 20.82   |           |         |
| 3  | 8        | 4         |        | 20.83  | 20.82  | 20.75   |           |         |
| 3  | 8        | 7         |        | 20.76  | 20.84  | 20.70   |           |         |
| 3  | 15       | 0         |        | 20.85  | 20.92  | 20.86   |           |         |
| Limit  | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.44 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4  | 1        | 0         | QPSK   | 23.57  | 23.66  | 23.85   | 20.3      | 0.1072  |
| 1.4  | 1        | 3         |        | 23.52  | 23.75  | 23.89   |           |         |
| 1.4  | 1        | 5         |        | 23.55  | 23.73  | 23.82   |           |         |
| 1.4  | 3        | 0         |        | 23.70  | 23.67  | 23.69   |           |         |
| 1.4  | 3        | 1         |        | 23.66  | 23.77  | 23.70   |           |         |
| 1.4  | 3        | 3         |        | 23.64  | 23.77  | 23.75   |           |         |
| 1.4  | 6        | 0         |        | 22.69  | 22.74  | 22.66   |           |         |
| 1.4  | 1        | 0         | 16-QAM | 23.10  | 22.97  | 23.00   | 19.67     | 0.0927  |
| 1.4  | 1        | 3         |        | 22.92  | 22.95  | 22.71   |           |         |
| 1.4  | 1        | 5         |        | 23.00  | 23.26  | 22.65   |           |         |
| 1.4  | 3        | 0         |        | 22.69  | 22.80  | 22.54   |           |         |
| 1.4  | 3        | 1         |        | 22.71  | 22.82  | 22.51   |           |         |
| 1.4  | 3        | 3         |        | 22.62  | 22.80  | 22.49   |           |         |
| 1.4  | 6        | 0         |        | 21.71  | 21.90  | 21.66   |           |         |
| 1.4  | 1        | 0         | 64-QAM | 22.00  | 21.76  | 21.88   | 18.41     | 0.0693  |
| 1.4  | 1        | 3         |        | 21.91  | 21.71  | 21.84   |           |         |
| 1.4  | 1        | 5         |        | 21.90  | 22.00  | 21.79   |           |         |
| 1.4  | 3        | 0         |        | 21.70  | 21.84  | 21.66   |           |         |
| 1.4  | 3        | 1         |        | 21.75  | 21.89  | 21.91   |           |         |
| 1.4  | 3        | 3         |        | 21.70  | 21.99  | 21.90   |           |         |
| 1.4  | 6        | 0         |        | 20.67  | 20.69  | 20.57   |           |         |
| Limit  | ERP < 3W |           |        | Result |        |         | Pass      |         |





| LTE Band 13 Maximum Average Power [dBm] (GT - LC = -0.99 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10   | 1        | 0         | QPSK   |        | 23.43  |         | 20.53     | 0.1130  |
| 10   | 1        | 25        |        |        | 23.67  |         |           |         |
| 10   | 1        | 49        |        |        | 23.50  |         |           |         |
| 10   | 25       | 0         |        |        | 22.40  |         |           |         |
| 10   | 25       | 12        |        |        | 22.51  |         |           |         |
| 10   | 25       | 25        |        |        | 22.52  |         |           |         |
| 10   | 50       | 0         |        |        | 22.47  |         |           |         |
| 10   | 1        | 0         | 16-QAM | -      | 22.58  | -       | 19.63     | 0.0918  |
| 10   | 1        | 25        |        |        | 22.77  |         |           |         |
| 10   | 1        | 49        |        |        | 22.62  |         |           |         |
| 10   | 25       | 0         |        |        | 21.37  |         |           |         |
| 10   | 25       | 12        |        |        | 21.53  |         |           |         |
| 10   | 25       | 25        |        |        | 21.52  |         |           |         |
| 10   | 50       | 0         |        |        | 21.57  |         |           |         |
| 10   | 1        | 0         | 64-QAM |        | 21.67  |         | 18.56     | 0.0718  |
| 10   | 1        | 25        |        |        | 21.70  |         |           |         |
| 10   | 1        | 49        |        |        | 21.66  |         |           |         |
| 10   | 25       | 0         |        |        | 20.40  |         |           |         |
| 10   | 25       | 12        |        |        | 20.50  |         |           |         |
| 10   | 25       | 25        |        |        | 20.47  |         |           |         |
| 10   | 50       | 0         |        |        | 20.57  |         |           |         |
| Limit  | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 13 Maximum Average Power [dBm] (GT - LC = -0.99 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5  | 1        | 0         | QPSK   | 23.46  | 23.45  | 23.49   | 20.49     | 0.1119  |
| 5  | 1        | 12        |        | 23.61  | 23.55  | 23.57   |           |         |
| 5  | 1        | 24        |        | 23.63  | 23.56  | 23.48   |           |         |
| 5  | 12       | 0         |        | 22.42  | 22.57  | 22.44   |           |         |
| 5  | 12       | 7         |        | 22.54  | 22.55  | 22.49   |           |         |
| 5  | 12       | 13        |        | 22.51  | 22.52  | 22.48   |           |         |
| 5  | 25       | 0         |        | 22.56  | 22.56  | 22.50   |           |         |
| 5  | 1        | 0         | 16-QAM | 22.89  | 23.01  | 23.11   | 19.97     | 0.0993  |
| 5  | 1        | 12        |        | 22.68  | 23.10  | 23.02   |           |         |
| 5  | 1        | 24        |        | 22.75  | 22.70  | 23.09   |           |         |
| 5  | 12       | 0         |        | 21.38  | 21.55  | 21.46   |           |         |
| 5  | 12       | 7         |        | 21.54  | 21.50  | 21.45   |           |         |
| 5  | 12       | 13        |        | 21.52  | 21.47  | 21.45   |           |         |
| 5  | 25       | 0         |        | 21.73  | 21.57  | 21.43   |           |         |
| 5  | 1        | 0         | 64-QAM | 21.75  | 20.96  | 21.46   | 18.76     | 0.0752  |
| 5  | 1        | 12        |        | 21.90  | 21.81  | 21.50   |           |         |
| 5  | 1        | 24        |        | 21.69  | 21.87  | 21.53   |           |         |
| 5  | 12       | 0         |        | 20.37  | 20.58  | 20.36   |           |         |
| 5  | 12       | 7         |        | 20.49  | 20.62  | 20.54   |           |         |
| 5  | 12       | 13        |        | 20.46  | 20.52  | 20.52   |           |         |
| 5  | 25       | 0         |        | 20.64  | 20.48  | 20.54   |           |         |
| Limit  | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 17 Maximum Average Power [dBm] (GT - LC = -1.44 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10   | 1        | 0         | QPSK   | 23.77  | 23.85  | 23.83   | 20.27     | 0.1064  |
| 10   | 1        | 25        |        | 23.82  | 23.86  | 23.84   |           |         |
| 10   | 1        | 49        |        | 23.78  | 23.77  | 23.84   |           |         |
| 10   | 25       | 0         |        | 22.81  | 22.83  | 22.80   |           |         |
| 10   | 25       | 12        |        | 22.74  | 22.82  | 22.73   |           |         |
| 10   | 25       | 25        |        | 22.73  | 22.76  | 22.79   |           |         |
| 10   | 50       | 0         |        | 22.76  | 22.84  | 22.79   |           |         |
| 10   | 1        | 0         | 16-QAM | 23.03  | 23.46  | 23.45   | 19.87     | 0.0971  |
| 10   | 1        | 25        |        | 23.31  | 23.31  | 23.41   |           |         |
| 10   | 1        | 49        |        | 23.03  | 23.35  | 23.28   |           |         |
| 10   | 25       | 0         |        | 21.83  | 21.77  | 21.73   |           |         |
| 10   | 25       | 12        |        | 21.82  | 21.80  | 21.84   |           |         |
| 10   | 25       | 25        |        | 21.72  | 21.67  | 21.75   |           |         |
| 10   | 50       | 0         |        | 21.79  | 21.83  | 21.75   |           |         |
| 10   | 1        | 0         | 64-QAM | 21.81  | 22.17  | 21.51   | 18.58     | 0.0721  |
| 10   | 1        | 25        |        | 21.58  | 21.93  | 22.05   |           |         |
| 10   | 1        | 49        |        | 21.85  | 21.98  | 21.62   |           |         |
| 10   | 25       | 0         |        | 20.71  | 20.67  | 20.74   |           |         |
| 10   | 25       | 12        |        | 20.79  | 20.81  | 20.77   |           |         |
| 10   | 25       | 25        |        | 20.81  | 20.69  | 20.75   |           |         |
| 10   | 50       | 0         |        | 20.72  | 20.69  | 20.74   |           |         |
| Limit  | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 17 Maximum Average Power [dBm] (GT - LC = -1.44 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5  | 1        | 0         | QPSK   | 23.84  | 23.73  | 23.73   | 20.25     | 0.1059  |
| 5  | 1        | 12        |        | 23.84  | 23.74  | 23.68   |           |         |
| 5  | 1        | 24        |        | 23.76  | 23.76  | 23.80   |           |         |
| 5  | 12       | 0         |        | 22.86  | 22.80  | 22.81   |           |         |
| 5  | 12       | 7         |        | 22.85  | 22.79  | 22.75   |           |         |
| 5  | 12       | 13        |        | 22.84  | 22.77  | 22.72   |           |         |
| 5  | 25       | 0         |        | 22.79  | 22.79  | 22.75   |           |         |
| 5  | 1        | 0         | 16-QAM | 23.12  | 22.85  | 22.77   | 19.8      | 0.0955  |
| 5  | 1        | 12        |        | 23.04  | 22.93  | 23.39   |           |         |
| 5  | 1        | 24        |        | 23.38  | 23.34  | 22.92   |           |         |
| 5  | 12       | 0         |        | 21.84  | 21.77  | 21.81   |           |         |
| 5  | 12       | 7         |        | 21.76  | 21.73  | 21.67   |           |         |
| 5  | 12       | 13        |        | 21.74  | 21.70  | 21.72   |           |         |
| 5  | 25       | 0         |        | 21.80  | 21.78  | 21.78   |           |         |
| 5  | 1        | 0         | 64-QAM | 22.19  | 22.18  | 21.96   | 18.6      | 0.0724  |
| 5  | 1        | 12        |        | 21.98  | 22.03  | 21.94   |           |         |
| 5  | 1        | 24        |        | 22.03  | 22.06  | 22.03   |           |         |
| 5  | 12       | 0         |        | 20.82  | 20.68  | 20.87   |           |         |
| 5  | 12       | 7         |        | 20.85  | 20.82  | 20.74   |           |         |
| 5  | 12       | 13        |        | 20.77  | 20.70  | 20.68   |           |         |
| 5  | 25       | 0         |        | 20.78  | 20.75  | 20.76   |           |         |
| Limit  | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.06 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15   | 1        | 0         | QPSK   | 23.49  | 23.35  | 23.40   | 20.49     | 0.1119  |
| 15   | 1        | 37        |        | 23.40  | 23.60  | 23.54   |           |         |
| 15   | 1        | 74        |        | 23.52  | 23.64  | 23.70   |           |         |
| 15   | 36       | 0         |        | 22.45  | 22.47  | 22.51   |           |         |
| 15   | 36       | 20        |        | 22.57  | 22.49  | 22.60   |           |         |
| 15   | 36       | 39        |        | 22.49  | 22.43  | 22.55   |           |         |
| 15   | 75       | 0         |        | 22.54  | 22.49  | 22.60   |           |         |
| 15   | 1        | 0         | 16-QAM | 22.37  | 22.98  | 22.41   | 19.88     | 0.0973  |
| 15   | 1        | 37        |        | 22.69  | 22.56  | 23.08   |           |         |
| 15   | 1        | 74        |        | 22.82  | 23.09  | 22.74   |           |         |
| 15   | 36       | 0         |        | 21.43  | 21.54  | 21.49   |           |         |
| 15   | 36       | 20        |        | 21.56  | 21.55  | 21.57   |           |         |
| 15   | 36       | 39        |        | 21.49  | 21.47  | 21.58   |           |         |
| 15   | 75       | 0         |        | 21.55  | 21.43  | 21.53   |           |         |
| 15   | 1        | 0         | 64-QAM | 21.77  | 21.88  | 21.93   | 18.72     | 0.0745  |
| 15   | 1        | 37        |        | 21.76  | 21.30  | 21.43   |           |         |
| 15   | 1        | 74        |        | 21.79  | 21.84  | 21.76   |           |         |
| 15   | 36       | 0         |        | 20.43  | 20.53  | 20.56   |           |         |
| 15   | 36       | 20        |        | 20.53  | 20.55  | 20.54   |           |         |
| 15   | 36       | 39        |        | 20.58  | 20.42  | 20.49   |           |         |
| 15   | 75       | 0         |        | 20.42  | 20.46  | 20.56   |           |         |
| Limit  | ERP < 7W |           |        | Result |        |         | Pass      |         |



| LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.06 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10   | 1        | 0         | QPSK   | 23.37  | 23.39  | 23.52   | 20.37     | 0.1089  |
| 10   | 1        | 25        |        | 23.56  | 23.54  | 23.56   |           |         |
| 10   | 1        | 49        |        | 23.58  | 23.55  | 23.55   |           |         |
| 10   | 25       | 0         |        | 22.45  | 22.54  | 22.60   |           |         |
| 10   | 25       | 12        |        | 22.52  | 22.52  | 22.56   |           |         |
| 10   | 25       | 25        |        | 22.52  | 22.50  | 22.47   |           |         |
| 10   | 50       | 0         |        | 22.55  | 22.57  | 22.58   |           |         |
| 10   | 1        | 0         | 16-QAM | 22.88  | 22.79  | 23.23   | 20.02     | 0.1005  |
| 10   | 1        | 25        |        | 23.12  | 22.66  | 23.12   |           |         |
| 10   | 1        | 49        |        | 22.98  | 22.65  | 22.44   |           |         |
| 10   | 25       | 0         |        | 21.49  | 21.42  | 21.54   |           |         |
| 10   | 25       | 12        |        | 21.55  | 21.57  | 21.58   |           |         |
| 10   | 25       | 25        |        | 21.50  | 21.50  | 21.46   |           |         |
| 10   | 50       | 0         |        | 21.63  | 21.60  | 21.58   |           |         |
| 10   | 1        | 0         | 64-QAM | 21.75  | 21.62  | 21.80   | 18.63     | 0.0729  |
| 10   | 1        | 25        |        | 21.79  | 21.76  | 21.66   |           |         |
| 10   | 1        | 49        |        | 21.84  | 21.82  | 21.32   |           |         |
| 10   | 25       | 0         |        | 20.52  | 20.54  | 20.52   |           |         |
| 10   | 25       | 12        |        | 20.54  | 20.53  | 20.62   |           |         |
| 10   | 25       | 25        |        | 20.62  | 20.49  | 20.49   |           |         |
| 10   | 50       | 0         |        | 20.47  | 20.40  | 20.56   |           |         |
| Limit  | ERP < 7W |           |        | Result |        |         | Pass      |         |



| LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.06 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5  | 1        | 0         | QPSK   | 23.60  | 23.64  | 23.50   | 20.48     | 0.1117  |
| 5  | 1        | 12        |        | 23.55  | 23.47  | 23.67   |           |         |
| 5  | 1        | 24        |        | 23.60  | 23.49  | 23.69   |           |         |
| 5  | 12       | 0         |        | 22.50  | 22.56  | 22.60   |           |         |
| 5  | 12       | 7         |        | 22.52  | 22.58  | 22.60   |           |         |
| 5  | 12       | 13        |        | 22.56  | 22.45  | 22.48   |           |         |
| 5  | 25       | 0         |        | 22.55  | 22.53  | 22.54   |           |         |
| 5  | 1        | 0         | 16-QAM | 22.94  | 22.86  | 23.08   | 19.9      | 0.0977  |
| 5  | 1        | 12        |        | 22.67  | 23.11  | 23.09   |           |         |
| 5  | 1        | 24        |        | 23.10  | 22.45  | 22.68   |           |         |
| 5  | 12       | 0         |        | 21.45  | 21.48  | 21.63   |           |         |
| 5  | 12       | 7         |        | 21.49  | 21.41  | 21.51   |           |         |
| 5  | 12       | 13        |        | 21.44  | 21.54  | 21.54   |           |         |
| 5  | 25       | 0         |        | 21.56  | 21.57  | 21.65   |           |         |
| 5  | 1        | 0         | 64-QAM | 21.78  | 21.36  | 21.50   | 18.74     | 0.0748  |
| 5  | 1        | 12        |        | 21.68  | 21.32  | 21.89   |           |         |
| 5  | 1        | 24        |        | 21.95  | 21.82  | 21.84   |           |         |
| 5  | 12       | 0         |        | 20.56  | 20.52  | 20.70   |           |         |
| 5  | 12       | 7         |        | 20.54  | 20.48  | 20.58   |           |         |
| 5  | 12       | 13        |        | 20.47  | 20.58  | 20.58   |           |         |
| 5  | 25       | 0         |        | 20.57  | 20.44  | 20.53   |           |         |
| Limit  | ERP < 7W |           |        | Result |        |         | Pass      |         |



| LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.06 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3  | 1        | 0         | QPSK   | 23.53  | 23.54  | 23.48   | 20.42     | 0.1102  |
| 3  | 1        | 8         |        | 23.47  | 23.49  | 23.63   |           |         |
| 3  | 1        | 14        |        | 23.49  | 23.45  | 23.56   |           |         |
| 3  | 8        | 0         |        | 22.46  | 22.54  | 22.56   |           |         |
| 3  | 8        | 4         |        | 22.50  | 22.54  | 22.59   |           |         |
| 3  | 8        | 7         |        | 22.47  | 22.50  | 22.52   |           |         |
| 3  | 15       | 0         |        | 22.55  | 22.51  | 22.59   |           |         |
| 3  | 1        | 0         | 16-QAM | 22.53  | 22.72  | 23.13   | 19.92     | 0.0982  |
| 3  | 1        | 8         |        | 22.54  | 22.77  | 23.09   |           |         |
| 3  | 1        | 14        |        | 23.01  | 22.92  | 23.07   |           |         |
| 3  | 8        | 0         |        | 21.51  | 21.44  | 21.65   |           |         |
| 3  | 8        | 4         |        | 21.55  | 21.49  | 21.57   |           |         |
| 3  | 8        | 7         |        | 21.66  | 21.63  | 21.63   |           |         |
| 3  | 15       | 0         |        | 21.57  | 21.59  | 21.64   |           |         |
| 3  | 1        | 0         | 64-QAM | 21.61  | 21.98  | 21.56   | 18.77     | 0.0753  |
| 3  | 1        | 8         |        | 21.50  | 21.76  | 21.63   |           |         |
| 3  | 1        | 14        |        | 21.91  | 21.46  | 21.96   |           |         |
| 3  | 8        | 0         |        | 20.53  | 20.64  | 20.56   |           |         |
| 3  | 8        | 4         |        | 20.57  | 20.45  | 20.59   |           |         |
| 3  | 8        | 7         |        | 20.53  | 20.53  | 20.55   |           |         |
| 3  | 15       | 0         |        | 20.58  | 20.43  | 20.61   |           |         |
| Limit  | ERP < 7W |           |        | Result |        |         | Pass      |         |





| LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1.06 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4  | 1        | 0         | QPSK   | 23.37  | 23.43  | 23.47   | 20.39     | 0.1094  |
| 1.4  | 1        | 3         |        | 23.34  | 23.33  | 23.60   |           |         |
| 1.4  | 1        | 5         |        | 23.37  | 23.42  | 23.49   |           |         |
| 1.4  | 3        | 0         |        | 23.39  | 23.41  | 23.39   |           |         |
| 1.4  | 3        | 1         |        | 23.28  | 23.37  | 23.52   |           |         |
| 1.4  | 3        | 3         |        | 23.33  | 23.34  | 23.58   |           |         |
| 1.4  | 6        | 0         |        | 22.37  | 22.32  | 22.48   |           |         |
| 1.4  | 1        | 0         | 16-QAM | 22.54  | 22.85  | 22.35   | 19.76     | 0.0946  |
| 1.4  | 1        | 3         |        | 22.94  | 22.56  | 22.93   |           |         |
| 1.4  | 1        | 5         |        | 22.62  | 22.63  | 22.97   |           |         |
| 1.4  | 3        | 0         |        | 22.42  | 22.40  | 22.40   |           |         |
| 1.4  | 3        | 1         |        | 22.45  | 22.40  | 22.52   |           |         |
| 1.4  | 3        | 3         |        | 22.28  | 22.44  | 22.49   |           |         |
| 1.4  | 6        | 0         |        | 21.40  | 21.52  | 21.51   |           |         |
| 1.4  | 1        | 0         | 64-QAM | 21.67  | 21.64  | 21.42   | 18.48     | 0.0705  |
| 1.4  | 1        | 3         |        | 21.64  | 21.69  | 21.46   |           |         |
| 1.4  | 1        | 5         |        | 21.62  | 21.62  | 21.48   |           |         |
| 1.4  | 3        | 0         |        | 21.55  | 21.57  | 21.44   |           |         |
| 1.4  | 3        | 1         |        | 21.47  | 21.38  | 21.48   |           |         |
| 1.4  | 3        | 3         |        | 21.40  | 21.35  | 21.50   |           |         |
| 1.4  | 6        | 0         |        | 20.27  | 20.48  | 20.45   |           |         |
| Limit  | ERP < 7W |           |        | Result |        |         | Pass      |         |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.93 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20  | 1         | 0         | QPSK   | 23.13  | 22.00  | 22.07   | 25.32      | 0.3404   |
| 20  | 1         | 49        |        | 23.39  | 22.15  | 22.24   |            |          |
| 20  | 1         | 99        |        | 22.22  | 22.11  | 22.20   |            |          |
| 20  | 50        | 0         |        | 21.27  | 21.15  | 21.30   |            |          |
| 20  | 50        | 24        |        | 21.36  | 21.19  | 21.32   |            |          |
| 20  | 50        | 50        |        | 21.33  | 21.17  | 21.30   |            |          |
| 20  | 100       | 0         |        | 21.29  | 21.10  | 21.20   |            |          |
| 20  | 1         | 0         | 16-QAM | 21.20  | 21.07  | 21.10   | 23.28      | 0.2128   |
| 20  | 1         | 49        |        | 21.35  | 21.23  | 21.29   |            |          |
| 20  | 1         | 99        |        | 21.32  | 21.15  | 21.29   |            |          |
| 20  | 50        | 0         |        | 20.29  | 20.19  | 20.22   |            |          |
| 20  | 50        | 24        |        | 20.28  | 20.18  | 20.34   |            |          |
| 20  | 50        | 50        |        | 20.33  | 20.11  | 20.27   |            |          |
| 20  | 100       | 0         |        | 20.29  | 20.19  | 20.26   |            |          |
| 20  | 1         | 0         | 64-QAM | 20.08  | 20.03  | 20.05   | 22.14      | 0.1637   |
| 20  | 1         | 49        |        | 20.21  | 20.07  | 20.05   |            |          |
| 20  | 1         | 99        |        | 20.18  | 20.00  | 20.07   |            |          |
| 20  | 50        | 0         |        | 19.36  | 19.30  | 19.36   |            |          |
| 20  | 50        | 24        |        | 19.47  | 19.28  | 19.48   |            |          |
| 20  | 50        | 50        |        | 19.47  | 19.24  | 19.41   |            |          |
| 20  | 100       | 0         |        | 19.43  | 19.24  | 19.31   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.93 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15  | 1         | 0         | QPSK   | 22.17  | 22.09  | 22.08   | 24.17      | 0.2612   |
| 15  | 1         | 37        |        | 22.22  | 22.13  | 22.18   |            |          |
| 15  | 1         | 74        |        | 22.13  | 22.13  | 22.24   |            |          |
| 15  | 36        | 0         |        | 21.28  | 21.09  | 21.28   |            |          |
| 15  | 36        | 20        |        | 21.34  | 21.09  | 21.28   |            |          |
| 15  | 36        | 39        |        | 21.28  | 21.08  | 21.24   |            |          |
| 15  | 75        | 0         |        | 21.33  | 21.15  | 21.26   |            |          |
| 15  | 1         | 0         | 16-QAM | 21.20  | 21.17  | 21.08   | 23.25      | 0.2113   |
| 15  | 1         | 37        |        | 21.32  | 21.23  | 21.32   |            |          |
| 15  | 1         | 74        |        | 21.32  | 21.23  | 21.32   |            |          |
| 15  | 36        | 0         |        | 20.27  | 20.13  | 20.18   |            |          |
| 15  | 36        | 20        |        | 20.24  | 20.14  | 20.22   |            |          |
| 15  | 36        | 39        |        | 20.28  | 20.10  | 20.25   |            |          |
| 15  | 75        | 0         |        | 20.31  | 20.16  | 20.26   |            |          |
| 15  | 1         | 0         | 64-QAM | 20.18  | 20.05  | 20.14   | 22.30      | 0.1698   |
| 15  | 1         | 37        |        | 20.37  | 20.09  | 20.21   |            |          |
| 15  | 1         | 74        |        | 20.31  | 20.11  | 20.18   |            |          |
| 15  | 36        | 0         |        | 19.45  | 19.29  | 19.31   |            |          |
| 15  | 36        | 20        |        | 19.42  | 19.29  | 19.38   |            |          |
| 15  | 36        | 39        |        | 19.49  | 19.29  | 19.35   |            |          |
| 15  | 75        | 0         |        | 19.49  | 19.30  | 19.33   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.93 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10  | 1         | 0         | QPSK   | 23.31  | 22.10  | 22.09   | 25.24      | 0.3342   |
| 10  | 1         | 25        |        | 22.33  | 22.14  | 22.10   |            |          |
| 10  | 1         | 49        |        | 22.35  | 22.13  | 22.31   |            |          |
| 10  | 25        | 0         |        | 21.29  | 21.16  | 21.30   |            |          |
| 10  | 25        | 12        |        | 21.38  | 21.17  | 21.27   |            |          |
| 10  | 25        | 25        |        | 21.32  | 21.16  | 21.32   |            |          |
| 10  | 50        | 0         |        | 21.36  | 21.20  | 21.28   |            |          |
| 10  | 1         | 0         | 16-QAM | 21.25  | 21.15  | 21.24   | 23.31      | 0.2143   |
| 10  | 1         | 25        |        | 21.38  | 21.19  | 21.30   |            |          |
| 10  | 1         | 49        |        | 21.37  | 21.20  | 21.32   |            |          |
| 10  | 25        | 0         |        | 20.35  | 20.16  | 20.29   |            |          |
| 10  | 25        | 12        |        | 20.38  | 20.17  | 20.32   |            |          |
| 10  | 25        | 25        |        | 20.37  | 20.15  | 20.40   |            |          |
| 10  | 50        | 0         |        | 20.33  | 20.25  | 20.34   |            |          |
| 10  | 1         | 0         | 64-QAM | 20.27  | 20.03  | 20.20   | 22.26      | 0.1683   |
| 10  | 1         | 25        |        | 20.22  | 20.05  | 20.23   |            |          |
| 10  | 1         | 49        |        | 20.33  | 20.10  | 20.25   |            |          |
| 10  | 25        | 0         |        | 19.48  | 19.34  | 19.45   |            |          |
| 10  | 25        | 12        |        | 19.50  | 19.31  | 19.47   |            |          |
| 10  | 25        | 25        |        | 19.54  | 19.35  | 19.50   |            |          |
| 10  | 50        | 0         |        | 19.46  | 19.28  | 19.49   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.93 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5   | 1         | 0         | QPSK   | 22.30  | 22.13  | 22.11   | 24.25      | 0.2661   |
| 5   | 1         | 12        |        | 22.32  | 22.12  | 22.28   |            |          |
| 5   | 1         | 24        |        | 22.31  | 22.16  | 22.27   |            |          |
| 5   | 12        | 0         |        | 21.32  | 21.15  | 21.36   |            |          |
| 5   | 12        | 7         |        | 21.34  | 21.09  | 21.33   |            |          |
| 5   | 12        | 13        |        | 21.31  | 21.15  | 21.35   |            |          |
| 5   | 25        | 0         |        | 21.37  | 21.15  | 21.31   |            |          |
| 5   | 1         | 0         | 16-QAM | 21.39  | 21.20  | 21.31   | 23.34      | 0.2158   |
| 5   | 1         | 12        |        | 21.41  | 21.24  | 21.31   |            |          |
| 5   | 1         | 24        |        | 21.41  | 21.21  | 21.31   |            |          |
| 5   | 12        | 0         |        | 20.32  | 20.20  | 20.27   |            |          |
| 5   | 12        | 7         |        | 20.33  | 20.06  | 20.28   |            |          |
| 5   | 12        | 13        |        | 20.26  | 20.05  | 20.32   |            |          |
| 5   | 25        | 0         |        | 20.41  | 20.13  | 20.35   |            |          |
| 5   | 1         | 0         | 64-QAM | 20.33  | 20.14  | 20.28   | 22.28      | 0.1690   |
| 5   | 1         | 12        |        | 20.29  | 20.09  | 20.27   |            |          |
| 5   | 1         | 24        |        | 20.35  | 20.10  | 20.30   |            |          |
| 5   | 12        | 0         |        | 19.51  | 19.28  | 19.46   |            |          |
| 5   | 12        | 7         |        | 19.47  | 19.23  | 19.43   |            |          |
| 5   | 12        | 13        |        | 19.45  | 19.22  | 19.48   |            |          |
| 5   | 25        | 0         |        | 19.52  | 19.38  | 19.56   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20   | 1         | 0         | QPSK   | 22.69  | 22.63  | 22.76   | 20.35      | 0.1084   |
| 20   | 1         | 49        |        | 22.79  | 22.78  | 22.86   |            |          |
| 20   | 1         | 99        |        | 22.52  | 22.70  | 22.75   |            |          |
| 20   | 50        | 0         |        | 22.63  | 22.76  | 22.79   |            |          |
| 20   | 50        | 24        |        | 22.79  | 22.81  | 22.85   |            |          |
| 20   | 50        | 50        |        | 22.69  | 22.77  | 22.81   |            |          |
| 20   | 100       | 0         |        | 22.70  | 22.81  | 22.83   |            |          |
| 20   | 1         | 0         | 16-QAM | 22.70  | 22.77  | 22.45   | 20.26      | 0.1062   |
| 20   | 1         | 49        |        | 22.73  | 22.76  | 22.51   |            |          |
| 20   | 1         | 99        |        | 22.26  | 22.42  | 22.55   |            |          |
| 20   | 50        | 0         |        | 22.09  | 22.38  | 22.35   |            |          |
| 20   | 50        | 24        |        | 22.29  | 22.41  | 22.38   |            |          |
| 20   | 50        | 50        |        | 22.17  | 22.33  | 22.42   |            |          |
| 20   | 100       | 0         |        | 22.15  | 22.46  | 22.37   |            |          |
| 20   | 1         | 0         | 64-QAM | 22.15  | 22.44  | 22.34   | 20.18      | 0.1042   |
| 20   | 1         | 49        |        | 22.56  | 22.69  | 22.25   |            |          |
| 20   | 1         | 99        |        | 22.43  | 22.56  | 22.27   |            |          |
| 20   | 50        | 0         |        | 22.17  | 22.25  | 22.37   |            |          |
| 20   | 50        | 24        |        | 22.24  | 22.37  | 22.40   |            |          |
| 20   | 50        | 50        |        | 22.16  | 22.33  | 22.45   |            |          |
| 20   | 100       | 0         |        | 22.16  | 22.40  | 22.39   |            |          |
| Limit  | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15   | 1         | 0         | QPSK   | 22.25  | 22.43  | 22.28   | 19.93      | 0.0984   |
| 15   | 1         | 37        |        | 22.25  | 22.41  | 22.37   |            |          |
| 15   | 1         | 74        |        | 22.22  | 22.30  | 22.26   |            |          |
| 15   | 36        | 0         |        | 22.16  | 22.38  | 22.37   |            |          |
| 15   | 36        | 20        |        | 22.29  | 22.39  | 22.42   |            |          |
| 15   | 36        | 39        |        | 22.23  | 22.40  | 22.41   |            |          |
| 15   | 75        | 0         |        | 22.26  | 22.44  | 22.41   |            |          |
| 15   | 1         | 0         | 16-QAM | 22.38  | 22.36  | 22.63   | 20.33      | 0.1079   |
| 15   | 1         | 37        |        | 22.62  | 22.84  | 22.66   |            |          |
| 15   | 1         | 74        |        | 22.64  | 22.79  | 22.47   |            |          |
| 15   | 36        | 0         |        | 22.19  | 22.43  | 22.42   |            |          |
| 15   | 36        | 20        |        | 22.29  | 22.42  | 22.46   |            |          |
| 15   | 36        | 39        |        | 22.34  | 22.42  | 22.39   |            |          |
| 15   | 75        | 0         |        | 22.24  | 22.40  | 22.36   |            |          |
| 15   | 1         | 0         | 64-QAM | 22.32  | 22.24  | 22.64   | 20.25      | 0.1059   |
| 15   | 1         | 37        |        | 22.08  | 22.71  | 22.76   |            |          |
| 15   | 1         | 74        |        | 22.22  | 22.63  | 22.32   |            |          |
| 15   | 36        | 0         |        | 22.24  | 22.38  | 22.42   |            |          |
| 15   | 36        | 20        |        | 22.33  | 22.51  | 22.39   |            |          |
| 15   | 36        | 39        |        | 22.34  | 22.39  | 22.38   |            |          |
| 15   | 75        | 0         |        | 22.22  | 22.43  | 22.34   |            |          |
| Limit  | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10   | 1         | 0         | QPSK   | 22.34  | 22.42  | 22.39   | 19.97      | 0.0993   |
| 10   | 1         | 25        |        | 22.28  | 22.43  | 22.40   |            |          |
| 10   | 1         | 49        |        | 22.28  | 22.37  | 22.27   |            |          |
| 10   | 25        | 0         |        | 22.15  | 22.44  | 22.43   |            |          |
| 10   | 25        | 12        |        | 22.28  | 22.44  | 22.38   |            |          |
| 10   | 25        | 25        |        | 22.29  | 22.44  | 22.33   |            |          |
| 10   | 50        | 0         |        | 22.36  | 22.44  | 22.48   |            |          |
| 10   | 1         | 0         | 16-QAM | 22.23  | 22.53  | 22.59   | 20.20      | 0.1047   |
| 10   | 1         | 25        |        | 22.19  | 22.61  | 22.48   |            |          |
| 10   | 1         | 49        |        | 22.43  | 22.55  | 22.71   |            |          |
| 10   | 25        | 0         |        | 22.28  | 22.41  | 22.34   |            |          |
| 10   | 25        | 12        |        | 22.19  | 22.41  | 22.34   |            |          |
| 10   | 25        | 25        |        | 22.22  | 22.41  | 22.31   |            |          |
| 10   | 50        | 0         |        | 22.27  | 22.43  | 22.45   |            |          |
| 10   | 1         | 0         | 64-QAM | 22.56  | 22.75  | 22.43   | 20.24      | 0.1057   |
| 10   | 1         | 25        |        | 22.23  | 22.50  | 22.45   |            |          |
| 10   | 1         | 49        |        | 22.35  | 22.43  | 22.41   |            |          |
| 10   | 25        | 0         |        | 22.30  | 22.38  | 22.50   |            |          |
| 10   | 25        | 12        |        | 22.34  | 22.50  | 22.46   |            |          |
| 10   | 25        | 25        |        | 22.32  | 22.51  | 22.41   |            |          |
| 10   | 50        | 0         |        | 22.31  | 22.48  | 22.54   |            |          |
| Limit  | EIRP < 1W |           |        | Result |        |         | Pass       |          |





| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5  | 1         | 0         | QPSK   | 22.24  | 22.44  | 22.34   | 19.95      | 0.0989   |
| 5  | 1         | 12        |        | 22.21  | 22.46  | 22.36   |            |          |
| 5  | 1         | 24        |        | 22.18  | 22.45  | 22.30   |            |          |
| 5  | 12        | 0         |        | 22.29  | 22.42  | 22.41   |            |          |
| 5  | 12        | 7         |        | 22.22  | 22.43  | 22.41   |            |          |
| 5  | 12        | 13        |        | 22.23  | 22.41  | 22.30   |            |          |
| 5  | 25        | 0         |        | 22.25  | 22.45  | 22.41   |            |          |
| 5  | 1         | 0         | 16-QAM | 22.43  | 22.49  | 22.37   | 20.29      | 0.1069   |
| 5  | 1         | 12        |        | 22.24  | 22.37  | 22.47   |            |          |
| 5  | 1         | 24        |        | 22.22  | 22.40  | 22.80   |            |          |
| 5  | 12        | 0         |        | 22.29  | 22.49  | 22.48   |            |          |
| 5  | 12        | 7         |        | 22.32  | 22.44  | 22.41   |            |          |
| 5  | 12        | 13        |        | 22.30  | 22.41  | 22.31   |            |          |
| 5  | 25        | 0         |        | 22.30  | 22.39  | 22.41   |            |          |
| 5  | 1         | 0         | 64-QAM | 22.41  | 22.55  | 22.45   | 20.26      | 0.1062   |
| 5  | 1         | 12        |        | 22.40  | 22.77  | 22.42   |            |          |
| 5  | 1         | 24        |        | 22.36  | 22.53  | 22.40   |            |          |
| 5  | 12        | 0         |        | 22.28  | 22.48  | 22.50   |            |          |
| 5  | 12        | 7         |        | 22.26  | 22.43  | 22.45   |            |          |
| 5  | 12        | 13        |        | 22.24  | 22.42  | 22.28   |            |          |
| 5  | 25        | 0         |        | 22.27  | 22.49  | 22.45   |            |          |
| Limit  | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3  | 1         | 0         | QPSK   | 22.18  | 22.31  | 22.42   | 19.97      | 0.0993   |
| 3  | 1         | 8         |        | 22.21  | 22.48  | 22.37   |            |          |
| 3  | 1         | 14        |        | 22.18  | 22.45  | 22.34   |            |          |
| 3  | 8         | 0         |        | 22.27  | 22.43  | 22.35   |            |          |
| 3  | 8         | 4         |        | 22.25  | 22.38  | 22.36   |            |          |
| 3  | 8         | 7         |        | 22.20  | 22.40  | 22.33   |            |          |
| 3  | 15        | 0         |        | 22.25  | 22.42  | 22.41   |            |          |
| 3  | 1         | 0         | 16-QAM | 22.33  | 22.43  | 22.47   | 20.09      | 0.1021   |
| 3  | 1         | 8         |        | 22.40  | 22.48  | 22.47   |            |          |
| 3  | 1         | 14        |        | 22.24  | 22.43  | 22.35   |            |          |
| 3  | 8         | 0         |        | 22.32  | 22.58  | 22.42   |            |          |
| 3  | 8         | 4         |        | 22.39  | 22.60  | 22.46   |            |          |
| 3  | 8         | 7         |        | 22.37  | 22.54  | 22.47   |            |          |
| 3  | 15        | 0         |        | 22.37  | 22.52  | 22.46   |            |          |
| 3  | 1         | 0         | 64-QAM | 22.44  | 22.55  | 22.61   | 20.10      | 0.1023   |
| 3  | 1         | 8         |        | 22.52  | 22.55  | 22.57   |            |          |
| 3  | 1         | 14        |        | 22.28  | 22.47  | 22.58   |            |          |
| 3  | 8         | 0         |        | 22.35  | 22.46  | 22.39   |            |          |
| 3  | 8         | 4         |        | 22.37  | 22.43  | 22.38   |            |          |
| 3  | 8         | 7         |        | 22.29  | 22.40  | 22.39   |            |          |
| 3  | 15        | 0         |        | 22.17  | 22.31  | 22.40   |            |          |
| Limit  | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4  | 1         | 0         | QPSK   | 22.04  | 22.19  | 22.10   | 19.73      | 0.0940   |
| 1.4  | 1         | 3         |        | 22.00  | 22.16  | 22.24   |            |          |
| 1.4  | 1         | 5         |        | 22.06  | 22.22  | 22.13   |            |          |
| 1.4  | 3         | 0         |        | 22.09  | 22.15  | 22.05   |            |          |
| 1.4  | 3         | 1         |        | 22.02  | 22.22  | 22.16   |            |          |
| 1.4  | 3         | 3         |        | 22.05  | 22.18  | 22.08   |            |          |
| 1.4  | 6         | 0         |        | 22.05  | 22.24  | 22.11   |            |          |
| 1.4  | 1         | 0         | 16-QAM | 22.26  | 22.43  | 22.35   | 20.29      | 0.1069   |
| 1.4  | 1         | 3         |        | 22.33  | 22.46  | 22.69   |            |          |
| 1.4  | 1         | 5         |        | 22.29  | 22.80  | 22.77   |            |          |
| 1.4  | 3         | 0         |        | 22.04  | 22.12  | 22.08   |            |          |
| 1.4  | 3         | 1         |        | 22.17  | 22.24  | 22.00   |            |          |
| 1.4  | 3         | 3         |        | 22.06  | 22.25  | 22.06   |            |          |
| 1.4  | 6         | 0         |        | 22.23  | 22.38  | 22.36   |            |          |
| 1.4  | 1         | 0         | 64-QAM | 22.28  | 22.40  | 22.01   | 19.98      | 0.0995   |
| 1.4  | 1         | 3         |        | 22.09  | 22.18  | 22.43   |            |          |
| 1.4  | 1         | 5         |        | 22.03  | 22.49  | 22.35   |            |          |
| 1.4  | 3         | 0         |        | 22.31  | 22.27  | 22.20   |            |          |
| 1.4  | 3         | 1         |        | 22.12  | 22.47  | 22.35   |            |          |
| 1.4  | 3         | 3         |        | 22.33  | 22.37  | 22.38   |            |          |
| 1.4  | 6         | 0         |        | 22.09  | 22.21  | 22.09   |            |          |
| Limit  | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.71 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 20   | 1        | 0         | QPSK   | 23.67  | 23.62  | 23.71   | 19.95     | 0.0989  |
| 20   | 1        | 49        |        | 23.78  | 23.81  | 23.73   |           |         |
| 20   | 1        | 99        |        | 23.54  | 23.57  | 23.51   |           |         |
| 20   | 50       | 0         |        | 23.79  | 23.80  | 23.76   |           |         |
| 20   | 50       | 24        |        | 23.74  | 23.76  | 23.70   |           |         |
| 20   | 50       | 50        |        | 23.60  | 23.76  | 23.64   |           |         |
| 20   | 100      | 0         |        | 23.61  | 23.73  | 23.72   |           |         |
| 20   | 1        | 0         | 16-QAM | 23.52  | 23.57  | 23.65   | 19.94     | 0.0986  |
| 20   | 1        | 49        |        | 23.80  | 23.57  | 23.64   |           |         |
| 20   | 1        | 99        |        | 23.52  | 23.28  | 23.40   |           |         |
| 20   | 50       | 0         |        | 23.34  | 23.41  | 23.29   |           |         |
| 20   | 50       | 24        |        | 23.34  | 23.33  | 23.27   |           |         |
| 20   | 50       | 50        |        | 23.26  | 23.36  | 23.20   |           |         |
| 20   | 100      | 0         |        | 23.22  | 23.33  | 23.25   |           |         |
| 20   | 1        | 0         | 64-QAM | 23.55  | 23.44  | 23.44   | 19.69     | 0.0931  |
| 20   | 1        | 49        |        | 23.50  | 23.48  | 23.49   |           |         |
| 20   | 1        | 99        |        | 23.26  | 23.30  | 23.27   |           |         |
| 20   | 50       | 0         |        | 23.27  | 23.35  | 23.29   |           |         |
| 20   | 50       | 24        |        | 23.33  | 23.34  | 23.32   |           |         |
| 20   | 50       | 50        |        | 23.25  | 23.30  | 23.30   |           |         |
| 20   | 100      | 0         |        | 23.28  | 23.32  | 23.29   |           |         |
| Limit  | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.71 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15   | 1        | 0         | QPSK   | 23.31  | 23.36  | 23.22   | 19.53     | 0.0897  |
| 15   | 1        | 37        |        | 23.31  | 23.30  | 23.26   |           |         |
| 15   | 1        | 74        |        | 23.26  | 23.17  | 23.16   |           |         |
| 15   | 36       | 0         |        | 23.31  | 23.33  | 23.19   |           |         |
| 15   | 36       | 20        |        | 23.39  | 23.30  | 23.29   |           |         |
| 15   | 36       | 39        |        | 23.33  | 23.25  | 23.24   |           |         |
| 15   | 75       | 0         |        | 23.34  | 23.30  | 23.31   |           |         |
| 15   | 1        | 0         | 16-QAM | 23.64  | 23.68  | 23.72   | 19.86     | 0.0968  |
| 15   | 1        | 37        |        | 23.64  | 23.60  | 23.59   |           |         |
| 15   | 1        | 74        |        | 23.47  | 23.47  | 23.55   |           |         |
| 15   | 36       | 0         |        | 23.34  | 23.32  | 23.37   |           |         |
| 15   | 36       | 20        |        | 23.33  | 23.33  | 23.33   |           |         |
| 15   | 36       | 39        |        | 23.37  | 23.26  | 23.27   |           |         |
| 15   | 75       | 0         |        | 23.36  | 23.31  | 23.37   |           |         |
| 15   | 1        | 0         | 64-QAM | 23.52  | 23.50  | 23.45   | 19.66     | 0.0925  |
| 15   | 1        | 37        |        | 23.47  | 23.46  | 23.50   |           |         |
| 15   | 1        | 74        |        | 23.49  | 23.28  | 23.39   |           |         |
| 15   | 36       | 0         |        | 23.31  | 23.36  | 23.25   |           |         |
| 15   | 36       | 20        |        | 23.40  | 23.37  | 23.28   |           |         |
| 15   | 36       | 39        |        | 23.36  | 23.31  | 23.29   |           |         |
| 15   | 75       | 0         |        | 23.37  | 23.28  | 23.30   |           |         |
| Limit  | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.71 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10   | 1        | 0         | QPSK   | 23.29  | 23.39  | 23.28   | 19.6      | 0.0912  |
| 10   | 1        | 25        |        | 23.38  | 23.36  | 23.30   |           |         |
| 10   | 1        | 49        |        | 23.32  | 23.24  | 23.24   |           |         |
| 10   | 25       | 0         |        | 23.32  | 23.46  | 23.35   |           |         |
| 10   | 25       | 12        |        | 23.32  | 23.34  | 23.30   |           |         |
| 10   | 25       | 25        |        | 23.37  | 23.31  | 23.31   |           |         |
| 10   | 50       | 0         |        | 23.40  | 23.34  | 23.32   |           |         |
| 10   | 1        | 0         | 16-QAM | 23.65  | 23.66  | 23.61   | 19.89     | 0.0975  |
| 10   | 1        | 25        |        | 23.75  | 23.62  | 23.51   |           |         |
| 10   | 1        | 49        |        | 23.63  | 23.60  | 23.57   |           |         |
| 10   | 25       | 0         |        | 23.36  | 23.47  | 23.34   |           |         |
| 10   | 25       | 12        |        | 23.36  | 23.37  | 23.28   |           |         |
| 10   | 25       | 25        |        | 23.39  | 23.33  | 23.29   |           |         |
| 10   | 50       | 0         |        | 23.36  | 23.37  | 23.28   |           |         |
| 10   | 1        | 0         | 64-QAM | 23.49  | 23.47  | 23.41   | 19.74     | 0.0942  |
| 10   | 1        | 25        |        | 23.54  | 23.60  | 23.43   |           |         |
| 10   | 1        | 49        |        | 23.51  | 23.42  | 23.42   |           |         |
| 10   | 25       | 0         |        | 23.40  | 23.42  | 23.32   |           |         |
| 10   | 25       | 12        |        | 23.37  | 23.36  | 23.33   |           |         |
| 10   | 25       | 25        |        | 23.42  | 23.27  | 23.29   |           |         |
| 10   | 50       | 0         |        | 23.42  | 23.39  | 23.27   |           |         |
| Limit  | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.71 dB) |          |           |        |        |        |         |           |         |
|--|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]   | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5  | 1        | 0         | QPSK   | 23.33  | 23.40  | 23.27   | 19.56     | 0.0904  |
| 5  | 1        | 12        |        | 23.37  | 23.39  | 23.28   |           |         |
| 5  | 1        | 24        |        | 23.38  | 23.39  | 23.26   |           |         |
| 5  | 12       | 0         |        | 23.34  | 23.42  | 23.33   |           |         |
| 5  | 12       | 7         |        | 23.35  | 23.37  | 23.27   |           |         |
| 5  | 12       | 13        |        | 23.36  | 23.33  | 23.30   |           |         |
| 5  | 25       | 0         |        | 23.30  | 23.42  | 23.30   |           |         |
| 5  | 1        | 0         | 16-QAM | 23.58  | 23.72  | 23.65   | 19.86     | 0.0968  |
| 5  | 1        | 12        |        | 23.62  | 23.69  | 23.66   |           |         |
| 5  | 1        | 24        |        | 23.72  | 23.71  | 23.50   |           |         |
| 5  | 12       | 0         |        | 23.35  | 23.42  | 23.33   |           |         |
| 5  | 12       | 7         |        | 23.34  | 23.39  | 23.34   |           |         |
| 5  | 12       | 13        |        | 23.41  | 23.39  | 23.31   |           |         |
| 5  | 25       | 0         |        | 23.40  | 23.41  | 23.35   |           |         |
| 5  | 1        | 0         | 64-QAM | 23.47  | 23.58  | 23.42   | 19.72     | 0.0938  |
| 5  | 1        | 12        |        | 23.48  | 23.50  | 23.46   |           |         |
| 5  | 1        | 24        |        | 23.48  | 23.55  | 23.49   |           |         |
| 5  | 12       | 0         |        | 23.34  | 23.36  | 23.28   |           |         |
| 5  | 12       | 7         |        | 23.36  | 23.37  | 23.32   |           |         |
| 5  | 12       | 13        |        | 23.35  | 23.33  | 23.32   |           |         |
| 5  | 25       | 0         |        | 23.34  | 23.39  | 23.35   |           |         |
| Limit  | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20  | 1         | 0         | QPSK   | 22.91  | 22.62  | 22.29   | 24.65      | 0.2917   |
| 20  | 1         | 49        |        | 22.60  | 22.50  | 22.13   |            |          |
| 20  | 1         | 99        |        | 22.07  | 22.27  | 21.82   |            |          |
| 20  | 50        | 0         |        | 21.74  | 21.62  | 21.20   |            |          |
| 20  | 50        | 24        |        | 21.63  | 21.54  | 21.19   |            |          |
| 20  | 50        | 50        |        | 21.43  | 21.42  | 21.10   |            |          |
| 20  | 100       | 0         |        | 21.57  | 21.49  | 21.16   |            |          |
| 20  | 1         | 0         | 16-QAM | 22.00  | 21.35  | 21.44   | 23.74      | 0.2366   |
| 20  | 1         | 49        |        | 21.67  | 21.55  | 21.20   |            |          |
| 20  | 1         | 99        |        | 21.20  | 21.68  | 20.90   |            |          |
| 20  | 50        | 0         |        | 20.76  | 20.39  | 20.24   |            |          |
| 20  | 50        | 24        |        | 20.64  | 20.51  | 20.23   |            |          |
| 20  | 50        | 50        |        | 20.45  | 20.61  | 20.14   |            |          |
| 20  | 100       | 0         |        | 20.59  | 20.47  | 20.18   |            |          |
| 20  | 1         | 0         | 64-QAM | 20.73  | 20.04  | 20.14   | 22.47      | 0.1766   |
| 20  | 1         | 49        |        | 20.41  | 20.23  | 19.92   |            |          |
| 20  | 1         | 99        |        | 19.93  | 20.38  | 19.69   |            |          |
| 20  | 50        | 0         |        | 19.71  | 19.34  | 19.21   |            |          |
| 20  | 50        | 24        |        | 19.62  | 19.46  | 19.22   |            |          |
| 20  | 50        | 50        |        | 19.45  | 19.54  | 19.13   |            |          |
| 20  | 100       | 0         |        | 19.58  | 19.40  | 19.18   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |





| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15  | 1         | 0         | QPSK   | 22.90  | 22.62  | 22.19   | 24.64      | 0.2911   |
| 15  | 1         | 37        |        | 22.60  | 22.46  | 22.13   |            |          |
| 15  | 1         | 74        |        | 22.01  | 22.20  | 21.79   |            |          |
| 15  | 36        | 0         |        | 21.71  | 21.60  | 21.13   |            |          |
| 15  | 36        | 20        |        | 21.55  | 21.52  | 21.17   |            |          |
| 15  | 36        | 39        |        | 21.33  | 21.32  | 21.03   |            |          |
| 15  | 75        | 0         |        | 21.47  | 21.40  | 21.09   |            |          |
| 15  | 1         | 0         | 16-QAM | 21.97  | 21.34  | 21.44   | 23.71      | 0.2350   |
| 15  | 1         | 37        |        | 21.67  | 21.54  | 21.13   |            |          |
| 15  | 1         | 74        |        | 21.10  | 21.63  | 20.81   |            |          |
| 15  | 36        | 0         |        | 20.66  | 20.33  | 20.14   |            |          |
| 15  | 36        | 20        |        | 20.61  | 20.49  | 20.17   |            |          |
| 15  | 36        | 39        |        | 20.40  | 20.60  | 20.13   |            |          |
| 15  | 75        | 0         |        | 20.55  | 20.37  | 20.16   |            |          |
| 15  | 1         | 0         | 64-QAM | 20.65  | 20.00  | 20.06   | 22.39      | 0.1734   |
| 15  | 1         | 37        |        | 20.32  | 20.16  | 19.87   |            |          |
| 15  | 1         | 74        |        | 19.83  | 20.28  | 19.64   |            |          |
| 15  | 36        | 0         |        | 19.64  | 19.34  | 19.18   |            |          |
| 15  | 36        | 20        |        | 19.53  | 19.44  | 19.20   |            |          |
| 15  | 36        | 39        |        | 19.40  | 19.54  | 19.08   |            |          |
| 15  | 75        | 0         |        | 19.50  | 19.30  | 19.18   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10  | 1         | 0         | QPSK   | 22.83  | 22.55  | 22.19   | 24.57      | 0.2864   |
| 10  | 1         | 25        |        | 22.57  | 22.49  | 22.11   |            |          |
| 10  | 1         | 49        |        | 22.04  | 22.18  | 21.76   |            |          |
| 10  | 25        | 0         |        | 21.69  | 21.58  | 21.14   |            |          |
| 10  | 25        | 12        |        | 21.63  | 21.49  | 21.11   |            |          |
| 10  | 25        | 25        |        | 21.33  | 21.35  | 21.07   |            |          |
| 10  | 50        | 0         |        | 21.57  | 21.45  | 21.10   |            |          |
| 10  | 1         | 0         | 16-QAM | 21.93  | 21.30  | 21.37   | 23.67      | 0.2328   |
| 10  | 1         | 25        |        | 21.61  | 21.47  | 21.18   |            |          |
| 10  | 1         | 49        |        | 21.12  | 21.62  | 20.86   |            |          |
| 10  | 25        | 0         |        | 20.73  | 20.38  | 20.21   |            |          |
| 10  | 25        | 12        |        | 20.55  | 20.41  | 20.13   |            |          |
| 10  | 25        | 25        |        | 20.41  | 20.60  | 20.11   |            |          |
| 10  | 50        | 0         |        | 20.55  | 20.37  | 20.18   |            |          |
| 10  | 1         | 0         | 64-QAM | 20.73  | 19.99  | 20.12   | 22.47      | 0.1766   |
| 10  | 1         | 25        |        | 20.39  | 20.23  | 19.89   |            |          |
| 10  | 1         | 49        |        | 19.89  | 20.32  | 19.62   |            |          |
| 10  | 25        | 0         |        | 19.64  | 19.27  | 19.21   |            |          |
| 10  | 25        | 12        |        | 19.61  | 19.40  | 19.16   |            |          |
| 10  | 25        | 25        |        | 19.38  | 19.50  | 19.07   |            |          |
| 10  | 50        | 0         |        | 19.50  | 19.32  | 19.12   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5   | 1         | 0         | QPSK   | 22.91  | 22.58  | 22.21   | 24.65      | 0.2917   |
| 5   | 1         | 12        |        | 22.59  | 22.45  | 22.04   |            |          |
| 5   | 1         | 24        |        | 22.04  | 22.18  | 21.82   |            |          |
| 5   | 12        | 0         |        | 21.73  | 21.57  | 21.17   |            |          |
| 5   | 12        | 7         |        | 21.57  | 21.46  | 21.10   |            |          |
| 5   | 12        | 13        |        | 21.38  | 21.42  | 21.00   |            |          |
| 5   | 25        | 0         |        | 21.55  | 21.42  | 21.12   |            |          |
| 5   | 1         | 0         | 16-QAM | 22.00  | 21.29  | 21.35   | 23.74      | 0.2366   |
| 5   | 1         | 12        |        | 21.62  | 21.46  | 21.15   |            |          |
| 5   | 1         | 24        |        | 21.16  | 21.68  | 20.89   |            |          |
| 5   | 12        | 0         |        | 20.75  | 20.29  | 20.19   |            |          |
| 5   | 12        | 7         |        | 20.57  | 20.50  | 20.17   |            |          |
| 5   | 12        | 13        |        | 20.35  | 20.54  | 20.12   |            |          |
| 5   | 25        | 0         |        | 20.50  | 20.39  | 20.14   |            |          |
| 5   | 1         | 0         | 64-QAM | 20.65  | 20.03  | 20.06   | 22.39      | 0.1734   |
| 5   | 1         | 12        |        | 20.40  | 20.19  | 19.90   |            |          |
| 5   | 1         | 24        |        | 19.86  | 20.38  | 19.65   |            |          |
| 5   | 12        | 0         |        | 19.61  | 19.30  | 19.15   |            |          |
| 5   | 12        | 7         |        | 19.60  | 19.37  | 19.12   |            |          |
| 5   | 12        | 13        |        | 19.36  | 19.48  | 19.09   |            |          |
| 5   | 25        | 0         |        | 19.53  | 19.39  | 19.16   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20  | 1         | 0         | QPSK   | 25.75  | 25.53  | 25.14   | 27.49      | 0.5610   |
| 20  | 1         | 49        |        | 25.48  | 25.23  | 25.02   |            |          |
| 20  | 1         | 99        |        | 24.96  | 24.75  | 24.56   |            |          |
| 20  | 50        | 0         |        | 24.76  | 24.72  | 24.19   |            |          |
| 20  | 50        | 24        |        | 24.62  | 24.60  | 24.18   |            |          |
| 20  | 50        | 50        |        | 24.44  | 24.49  | 24.04   |            |          |
| 20  | 100       | 0         |        | 24.56  | 24.55  | 24.11   |            |          |
| 20  | 1         | 0         | 16-QAM | 24.96  | 24.34  | 24.38   | 26.70      | 0.4677   |
| 20  | 1         | 49        |        | 24.67  | 24.61  | 24.17   |            |          |
| 20  | 1         | 99        |        | 24.14  | 24.74  | 23.76   |            |          |
| 20  | 50        | 0         |        | 23.75  | 23.47  | 23.23   |            |          |
| 20  | 50        | 24        |        | 23.66  | 23.59  | 23.22   |            |          |
| 20  | 50        | 50        |        | 23.46  | 23.68  | 23.11   |            |          |
| 20  | 100       | 0         |        | 23.60  | 23.53  | 23.16   |            |          |
| 20  | 1         | 0         | 64-QAM | 23.90  | 23.15  | 23.32   | 25.64      | 0.3664   |
| 20  | 1         | 49        |        | 23.57  | 23.41  | 23.16   |            |          |
| 20  | 1         | 99        |        | 23.06  | 23.55  | 22.79   |            |          |
| 20  | 50        | 0         |        | 22.77  | 22.39  | 22.22   |            |          |
| 20  | 50        | 24        |        | 22.65  | 22.51  | 22.18   |            |          |
| 20  | 50        | 50        |        | 22.43  | 22.61  | 22.10   |            |          |
| 20  | 100       | 0         |        | 22.60  | 22.48  | 22.14   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15  | 1         | 0         | QPSK   | 25.66  | 25.52  | 25.11   | 27.40      | 0.5495   |
| 15  | 1         | 37        |        | 25.44  | 25.13  | 24.94   |            |          |
| 15  | 1         | 74        |        | 24.92  | 24.70  | 24.54   |            |          |
| 15  | 36        | 0         |        | 24.66  | 24.63  | 24.13   |            |          |
| 15  | 36        | 20        |        | 24.53  | 24.52  | 24.10   |            |          |
| 15  | 36        | 39        |        | 24.43  | 24.41  | 23.98   |            |          |
| 15  | 75        | 0         |        | 24.53  | 24.51  | 24.09   |            |          |
| 15  | 1         | 0         | 16-QAM | 24.88  | 24.27  | 24.34   | 26.62      | 0.4592   |
| 15  | 1         | 37        |        | 24.59  | 24.56  | 24.14   |            |          |
| 15  | 1         | 74        |        | 24.08  | 24.68  | 23.72   |            |          |
| 15  | 36        | 0         |        | 23.70  | 23.47  | 23.21   |            |          |
| 15  | 36        | 20        |        | 23.62  | 23.52  | 23.19   |            |          |
| 15  | 36        | 39        |        | 23.39  | 23.68  | 23.11   |            |          |
| 15  | 75        | 0         |        | 23.52  | 23.53  | 23.15   |            |          |
| 15  | 1         | 0         | 64-QAM | 23.90  | 23.09  | 23.25   | 25.64      | 0.3664   |
| 15  | 1         | 37        |        | 23.54  | 23.38  | 23.16   |            |          |
| 15  | 1         | 74        |        | 22.96  | 23.46  | 22.76   |            |          |
| 15  | 36        | 0         |        | 22.71  | 22.33  | 22.17   |            |          |
| 15  | 36        | 20        |        | 22.62  | 22.51  | 22.17   |            |          |
| 15  | 36        | 39        |        | 22.36  | 22.61  | 22.07   |            |          |
| 15  | 75        | 0         |        | 22.53  | 22.45  | 22.06   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10  | 1         | 0         | QPSK   | 25.72  | 25.43  | 25.14   | 27.46      | 0.5572   |
| 10  | 1         | 25        |        | 25.46  | 25.15  | 24.99   |            |          |
| 10  | 1         | 49        |        | 24.90  | 24.70  | 24.54   |            |          |
| 10  | 25        | 0         |        | 24.66  | 24.66  | 24.12   |            |          |
| 10  | 25        | 12        |        | 24.55  | 24.52  | 24.09   |            |          |
| 10  | 25        | 25        |        | 24.37  | 24.46  | 23.96   |            |          |
| 10  | 50        | 0         |        | 24.54  | 24.49  | 24.04   |            |          |
| 10  | 1         | 0         | 16-QAM | 24.86  | 24.28  | 24.37   | 26.60      | 0.4571   |
| 10  | 1         | 25        |        | 24.61  | 24.55  | 24.09   |            |          |
| 10  | 1         | 49        |        | 24.12  | 24.70  | 23.66   |            |          |
| 10  | 25        | 0         |        | 23.69  | 23.37  | 23.20   |            |          |
| 10  | 25        | 12        |        | 23.56  | 23.55  | 23.12   |            |          |
| 10  | 25        | 25        |        | 23.45  | 23.59  | 23.06   |            |          |
| 10  | 50        | 0         |        | 23.57  | 23.52  | 23.12   |            |          |
| 10  | 1         | 0         | 64-QAM | 23.80  | 23.09  | 23.23   | 25.54      | 0.3581   |
| 10  | 1         | 25        |        | 23.56  | 23.38  | 23.16   |            |          |
| 10  | 1         | 49        |        | 22.98  | 23.45  | 22.70   |            |          |
| 10  | 25        | 0         |        | 22.67  | 22.30  | 22.18   |            |          |
| 10  | 25        | 12        |        | 22.57  | 22.46  | 22.09   |            |          |
| 10  | 25        | 25        |        | 22.43  | 22.58  | 22.02   |            |          |
| 10  | 50        | 0         |        | 22.59  | 22.48  | 22.13   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5   | 1         | 0         | QPSK   | 25.72  | 25.53  | 25.12   | 27.46      | 0.5572   |
| 5   | 1         | 12        |        | 25.39  | 25.14  | 24.99   |            |          |
| 5   | 1         | 24        |        | 24.91  | 24.66  | 24.51   |            |          |
| 5   | 12        | 0         |        | 24.73  | 24.72  | 24.13   |            |          |
| 5   | 12        | 7         |        | 24.59  | 24.52  | 24.16   |            |          |
| 5   | 12        | 13        |        | 24.37  | 24.42  | 23.96   |            |          |
| 5   | 25        | 0         |        | 24.51  | 24.47  | 24.03   |            |          |
| 5   | 1         | 0         | 16-QAM | 24.88  | 24.25  | 24.34   | 26.62      | 0.4592   |
| 5   | 1         | 12        |        | 24.63  | 24.60  | 24.17   |            |          |
| 5   | 1         | 24        |        | 24.04  | 24.72  | 23.67   |            |          |
| 5   | 12        | 0         |        | 23.68  | 23.37  | 23.13   |            |          |
| 5   | 12        | 7         |        | 23.58  | 23.56  | 23.19   |            |          |
| 5   | 12        | 13        |        | 23.41  | 23.61  | 23.09   |            |          |
| 5   | 25        | 0         |        | 23.56  | 23.44  | 23.14   |            |          |
| 5   | 1         | 0         | 64-QAM | 23.81  | 23.08  | 23.25   | 25.55      | 0.3589   |
| 5   | 1         | 12        |        | 23.56  | 23.36  | 23.10   |            |          |
| 5   | 1         | 24        |        | 23.00  | 23.45  | 22.73   |            |          |
| 5   | 12        | 0         |        | 22.71  | 22.35  | 22.15   |            |          |
| 5   | 12        | 7         |        | 22.56  | 22.45  | 22.12   |            |          |
| 5   | 12        | 13        |        | 22.42  | 22.53  | 22.09   |            |          |
| 5   | 25        | 0         |        | 22.57  | 22.43  | 22.04   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -1.06 dB) |          |           |         |           |        |        |        |         |           |         |
|---|----------|-----------|---------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]  | PCC      |           | SCC     |           | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
|   | RB Size  | RB Offset | RB Size | RB Offset |        |        |        |         |           |         |
| 10+10   | 50       | 0         | 50      | 0         | QPSK   | 21.43  | 21.43  | 21.41   | 19.78     | 0.0951  |
| 10+10   | 1        | 0         | 1       | 49        |        | 12.48  | 12.53  | 12.53   |           |         |
| 10+10   | 1        | 49        | 1       | 0         |        | 22.97  | 22.99  | 22.92   |           |         |
| 10+10   | 50       | 0         | 50      | 0         | 16-QAM | 20.44  | 20.43  | 20.46   | 19.04     | 0.0802  |
| 10+10   | 1        | 0         | 1       | 49        |        | 12.78  | 12.72  | 12.72   |           |         |
| 10+10   | 1        | 49        | 1       | 0         |        | 22.24  | 22.22  | 22.25   |           |         |
| 10+10   | 50       | 0         | 50      | 0         | 64-QAM | 20.48  | 20.45  | 20.48   | 17.27     | 0.0533  |
| 10+10   | 1        | 0         | 1       | 49        |        | 12.78  | 12.90  | 12.74   |           |         |
| 10+10   | 1        | 49        | 1       | 0         |        | 20.31  | 20.24  | 20.16   |           |         |
| 10+5  | 50       | 0         | 25      | 0         | QPSK   | 21.47  | 21.44  | 21.44   | 19.78     | 0.0951  |
| 10+5  | 1        | 0         | 1       | 24        |        | 12.56  | 12.53  | 12.51   |           |         |
| 10+5  | 1        | 49        | 1       | 0         |        | 22.99  | 22.94  | 22.89   |           |         |
| 10+5  | 50       | 0         | 25      | 0         | 16-QAM | 20.51  | 20.42  | 20.42   | 19.02     | 0.0798  |
| 10+5  | 1        | 0         | 1       | 24        |        | 12.79  | 12.73  | 12.73   |           |         |
| 10+5  | 1        | 49        | 1       | 0         |        | 22.22  | 22.22  | 22.23   |           |         |
| 10+5  | 50       | 0         | 25      | 0         | 64-QAM | 20.49  | 20.49  | 20.46   | 17.28     | 0.0535  |
| 10+5  | 1        | 0         | 1       | 24        |        | 12.84  | 12.90  | 12.83   |           |         |
| 10+5  | 1        | 49        | 1       | 0         |        | 20.37  | 20.22  | 20.20   |           |         |
| 5+10  | 25       | 0         | 50      | 0         | QPSK   | 21.38  | 21.34  | 21.39   | 19.69     | 0.0931  |
| 5+10  | 1        | 0         | 1       | 49        |        | 12.53  | 12.45  | 12.48   |           |         |
| 5+10  | 1        | 24        | 1       | 0         |        | 22.79  | 22.90  | 22.73   |           |         |
| 5+10  | 25       | 0         | 50      | 0         | 16-QAM | 20.44  | 20.35  | 20.23   | 18.97     | 0.0789  |
| 5+10  | 1        | 0         | 1       | 49        |        | 12.79  | 12.60  | 12.63   |           |         |
| 5+10  | 1        | 24        | 1       | 0         |        | 22.12  | 22.18  | 22.05   |           |         |
| 5+10  | 25       | 0         | 50      | 0         | 64-QAM | 20.37  | 20.48  | 20.35   | 17.27     | 0.0533  |
| 5+10  | 1        | 0         | 1       | 49        |        | 12.83  | 12.78  | 12.80   |           |         |
| 5+10  | 1        | 24        | 1       | 0         |        | 20.28  | 20.20  | 20.15   |           |         |
| Limit   | ERP < 7W |           |         |           |        | Result |        |         | Pass      |         |





| LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |         |           |        |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 10+10  | 50        | 0         | 50      | 0         | QPSK   | 22.02  | 21.99  | 22.20   | 19.69      | 0.0931   |
| 10+10  | 1         | 0         | 1       | 49        |        | 21.50  | 21.37  | 21.47   |            |          |
| 10+10  | 1         | 49        | 1       | 0         |        | 21.65  | 21.61  | 21.77   |            |          |
| 10+10  | 50        | 0         | 50      | 0         | 16-QAM | 22.09  | 22.09  | 22.20   | 19.69      | 0.0931   |
| 10+10  | 1         | 0         | 1       | 49        |        | 21.74  | 21.71  | 21.68   |            |          |
| 10+10  | 1         | 49        | 1       | 0         |        | 21.99  | 21.96  | 21.94   |            |          |
| 10+10  | 50        | 0         | 50      | 0         | 64-QAM | 22.08  | 22.14  | 22.22   | 19.71      | 0.0935   |
| 10+10  | 1         | 0         | 1       | 49        |        | 21.73  | 21.72  | 21.79   |            |          |
| 10+10  | 1         | 49        | 1       | 0         |        | 22.06  | 22.01  | 22.01   |            |          |
| 15+5   | 75        | 0         | 25      | 0         | QPSK   | 22.14  | 22.17  | 22.29   | 19.78      | 0.0951   |
| 15+5   | 1         | 0         | 1       | 24        |        | 21.91  | 21.77  | 21.80   |            |          |
| 15+5   | 1         | 74        | 1       | 0         |        | 21.98  | 21.98  | 22.15   |            |          |
| 15+5   | 75        | 0         | 25      | 0         | 16-QAM | 22.18  | 22.24  | 22.35   | 20.15      | 0.1035   |
| 15+5   | 1         | 0         | 1       | 24        |        | 22.19  | 22.33  | 22.32   |            |          |
| 15+5   | 1         | 74        | 1       | 0         |        | 22.34  | 22.50  | 22.66   |            |          |
| 15+5   | 75        | 0         | 25      | 0         | 64-QAM | 22.18  | 22.19  | 22.31   | 19.89      | 0.0975   |
| 15+5   | 1         | 0         | 1       | 24        |        | 22.04  | 22.06  | 22.12   |            |          |
| 15+5   | 1         | 74        | 1       | 0         |        | 22.27  | 22.37  | 22.40   |            |          |
| 5+15   | 25        | 0         | 75      | 0         | QPSK   | 21.97  | 22.01  | 22.22   | 19.71      | 0.0935   |
| 5+15   | 1         | 0         | 1       | 74        |        | 21.80  | 21.57  | 21.61   |            |          |
| 5+15   | 1         | 24        | 1       | 0         |        | 21.93  | 21.87  | 22.03   |            |          |
| 5+15   | 25        | 0         | 75      | 0         | 16-QAM | 22.05  | 22.08  | 22.20   | 20.10      | 0.1023   |
| 5+15   | 1         | 0         | 1       | 74        |        | 22.01  | 22.14  | 22.27   |            |          |
| 5+15   | 1         | 24        | 1       | 0         |        | 22.22  | 22.37  | 22.61   |            |          |
| 5+15   | 25        | 0         | 75      | 0         | 64-QAM | 22.11  | 22.17  | 22.23   | 19.84      | 0.0964   |
| 5+15   | 1         | 0         | 1       | 74        |        | 21.90  | 21.87  | 21.95   |            |          |
| 5+15   | 1         | 24        | 1       | 0         |        | 22.26  | 22.21  | 22.35   |            |          |
| Limit  | EIRP < 1W |           |         |           | Result |        |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |         |           |        |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+20  | 100       | 0         | 100     | 0         | QPSK   | 21.66  | 21.66  | 21.87   | 19.36      | 0.0863   |
| 20+20  | 1         | 0         | 1       | 99        |        | 21.06  | 21.01  | 21.04   |            |          |
| 20+20  | 1         | 99        | 1       | 0         |        | 21.68  | 21.62  | 21.67   |            |          |
| 20+20  | 100       | 0         | 100     | 0         | 16-QAM | 21.74  | 21.72  | 21.90   | 19.76      | 0.0946   |
| 20+20  | 1         | 0         | 1       | 99        |        | 21.55  | 21.48  | 21.54   |            |          |
| 20+20  | 1         | 99        | 1       | 0         |        | 22.20  | 22.12  | 22.27   |            |          |
| 20+20  | 100       | 0         | 100     | 0         | 64-QAM | 21.77  | 21.69  | 21.88   | 19.53      | 0.0897   |
| 20+20  | 1         | 0         | 1       | 99        |        | 21.37  | 21.38  | 21.42   |            |          |
| 20+20  | 1         | 99        | 1       | 0         |        | 22.04  | 22.00  | 21.99   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | QPSK   | 21.70  | 21.73  | 21.92   | 19.41      | 0.0873   |
| 20+15  | 1         | 0         | 1       | 74        |        | 21.15  | 21.16  | 21.14   |            |          |
| 20+15  | 1         | 74        | 1       | 0         |        | 21.62  | 21.60  | 21.68   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | 16-QAM | 21.77  | 21.83  | 22.02   | 19.77      | 0.0948   |
| 20+15  | 1         | 0         | 1       | 74        |        | 21.64  | 21.62  | 21.61   |            |          |
| 20+15  | 1         | 74        | 1       | 0         |        | 22.19  | 22.07  | 22.28   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | 64-QAM | 21.80  | 21.82  | 22.04   | 19.54      | 0.0899   |
| 20+15  | 1         | 0         | 1       | 74        |        | 21.53  | 21.41  | 21.48   |            |          |
| 20+15  | 1         | 74        | 1       | 0         |        | 21.98  | 21.96  | 22.05   |            |          |
| Limit  | EIRP < 1W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |         |           |        |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+10  | 100       | 0         | 50      | 0         | QPSK   | 21.67  | 21.71  | 21.76   | 19.25      | 0.0841   |
| 20+10  | 1         | 0         | 1       | 49        |        | 21.01  | 21.05  | 21.06   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |        | 21.56  | 21.60  | 21.61   |            |          |
| 20+10  | 100       | 0         | 50      | 0         | 16-QAM | 21.57  | 21.66  | 21.90   | 19.68      | 0.0929   |
| 20+10  | 1         | 0         | 1       | 49        |        | 21.59  | 21.54  | 21.51   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |        | 22.19  | 22.06  | 22.17   |            |          |
| 20+10  | 100       | 0         | 50      | 0         | 64-QAM | 21.65  | 21.75  | 21.86   | 19.54      | 0.0899   |
| 20+10  | 1         | 0         | 1       | 49        |        | 21.52  | 21.21  | 21.38   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |        | 21.93  | 21.93  | 22.05   |            |          |
| 10+20  | 50        | 0         | 100     | 0         | QPSK   | 21.57  | 21.62  | 21.84   | 19.33      | 0.0857   |
| 10+20  | 1         | 0         | 1       | 99        |        | 21.13  | 21.11  | 21.03   |            |          |
| 10+20  | 1         | 49        | 1       | 0         |        | 21.52  | 21.50  | 21.61   |            |          |
| 10+20  | 50        | 0         | 100     | 0         | 16-QAM | 21.65  | 21.76  | 21.82   | 19.60      | 0.0912   |
| 10+20  | 1         | 0         | 1       | 99        |        | 21.57  | 21.52  | 21.53   |            |          |
| 10+20  | 1         | 49        | 1       | 0         |        | 22.03  | 21.90  | 22.11   |            |          |
| 10+20  | 50        | 0         | 100     | 0         | 64-QAM | 21.60  | 21.75  | 21.92   | 19.41      | 0.0873   |
| 10+20  | 1         | 0         | 1       | 99        |        | 21.42  | 21.27  | 21.44   |            |          |
| 10+20  | 1         | 49        | 1       | 0         |        | 21.89  | 21.86  | 21.88   |            |          |
| 20+5   | 100       | 0         | 25      | 0         | QPSK   | 21.63  | 21.63  | 21.88   | 19.37      | 0.0865   |
| 20+5   | 1         | 0         | 1       | 24        |        | 21.15  | 21.14  | 20.99   |            |          |
| 20+5   | 1         | 99        | 1       | 0         |        | 21.56  | 21.44  | 21.51   |            |          |
| 20+5   | 100       | 0         | 25      | 0         | 16-QAM | 21.76  | 21.70  | 21.96   | 19.72      | 0.0938   |
| 20+5   | 1         | 0         | 1       | 24        |        | 21.63  | 21.49  | 21.49   |            |          |
| 20+5   | 1         | 99        | 1       | 0         |        | 22.07  | 21.91  | 22.23   |            |          |
| 20+5   | 100       | 0         | 25      | 0         | 64-QAM | 21.73  | 21.65  | 21.91   | 19.47      | 0.0885   |
| 20+5   | 1         | 0         | 1       | 24        |        | 21.52  | 21.35  | 21.45   |            |          |
| 20+5   | 1         | 99        | 1       | 0         |        | 21.86  | 21.80  | 21.98   |            |          |
| Limit  | EIRP < 1W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |         |           |        |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 5+20   | 25        | 0         | 100     | 0         | QPSK   | 21.70  | 21.53  | 21.79   | 19.28      | 0.0847   |
| 5+20   | 1         | 0         | 1       | 99        |        | 21.01  | 21.14  | 21.14   |            |          |
| 5+20   | 1         | 24        | 1       | 0         |        | 21.48  | 21.45  | 21.61   |            |          |
| 5+20   | 25        | 0         | 100     | 0         | 16-QAM | 21.59  | 21.64  | 21.90   | 19.68      | 0.0929   |
| 5+20   | 1         | 0         | 1       | 99        |        | 21.52  | 21.49  | 21.52   |            |          |
| 5+20   | 1         | 24        | 1       | 0         |        | 22.06  | 21.96  | 22.19   |            |          |
| 5+20   | 25        | 0         | 100     | 0         | 64-QAM | 21.65  | 21.76  | 21.91   | 19.45      | 0.0881   |
| 5+20   | 1         | 0         | 1       | 99        |        | 21.44  | 21.24  | 21.41   |            |          |
| 5+20   | 1         | 24        | 1       | 0         |        | 21.96  | 21.86  | 21.96   |            |          |
| Limit  | EIRP < 1W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -2.51 dB) |           |           |         |           |        |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 15+10  | 75        | 0         | 50      | 0         | QPSK   | 21.67  | 21.54  | 21.76   | 19.25      | 0.0841   |
| 15+10  | 1         | 0         | 1       | 49        |        | 20.99  | 21.12  | 20.95   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |        | 21.60  | 21.45  | 21.63   |            |          |
| 15+10  | 75        | 0         | 50      | 0         | 16-QAM | 21.65  | 21.67  | 21.83   | 19.74      | 0.0942   |
| 15+10  | 1         | 0         | 1       | 49        |        | 21.63  | 21.45  | 21.51   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |        | 22.11  | 21.91  | 22.25   |            |          |
| 15+10  | 75        | 0         | 50      | 0         | 64-QAM | 21.70  | 21.71  | 21.95   | 19.44      | 0.0879   |
| 15+10  | 1         | 0         | 1       | 49        |        | 21.40  | 21.29  | 21.29   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |        | 21.93  | 21.89  | 21.95   |            |          |
| 10+15  | 50        | 0         | 75      | 0         | QPSK   | 21.68  | 21.62  | 21.79   | 19.28      | 0.0847   |
| 10+15  | 1         | 0         | 1       | 74        |        | 21.04  | 21.01  | 21.02   |            |          |
| 10+15  | 1         | 49        | 1       | 0         |        | 21.42  | 21.46  | 21.64   |            |          |
| 10+15  | 50        | 0         | 75      | 0         | 16-QAM | 21.58  | 21.78  | 21.88   | 19.62      | 0.0916   |
| 10+15  | 1         | 0         | 1       | 74        |        | 21.52  | 21.43  | 21.51   |            |          |
| 10+15  | 1         | 49        | 1       | 0         |        | 22.13  | 21.94  | 22.08   |            |          |
| 10+15  | 50        | 0         | 75      | 0         | 64-QAM | 21.69  | 21.62  | 21.88   | 19.44      | 0.0879   |
| 10+15  | 1         | 0         | 1       | 74        |        | 21.50  | 21.37  | 21.35   |            |          |
| 10+15  | 1         | 49        | 1       | 0         |        | 21.91  | 21.95  | 21.87   |            |          |
| 15+15  | 75        | 0         | 75      | 0         | QPSK   | 21.61  | 21.68  | 21.83   | 19.32      | 0.0855   |
| 15+15  | 1         | 0         | 1       | 74        |        | 20.96  | 20.97  | 20.99   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |        | 21.62  | 21.59  | 21.61   |            |          |
| 15+15  | 75        | 0         | 75      | 0         | 16-QAM | 21.72  | 21.70  | 21.85   | 19.62      | 0.0916   |
| 15+15  | 1         | 0         | 1       | 74        |        | 21.47  | 21.57  | 21.43   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |        | 22.13  | 21.94  | 22.12   |            |          |
| 15+15  | 75        | 0         | 75      | 0         | 64-QAM | 21.73  | 21.81  | 22.13   | 19.62      | 0.0916   |
| 15+15  | 1         | 0         | 1       | 74        |        | 21.52  | 21.27  | 21.36   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |        | 21.85  | 21.87  | 21.96   |            |          |
| Limit  | EIRP < 1W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.93 dB) |           |           |         |           |        |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+20  | 100       | 0         | 100     | 0         | QPSK   | 19.61  | 19.86  | 19.66   | 23.57      | 0.2275   |
| 20+20  | 1         | 0         | 1       | 99        |        | 12.60  | 12.56  | 12.49   |            |          |
| 20+20  | 1         | 99        | 1       | 0         |        | 21.64  | 21.59  | 21.51   |            |          |
| 20+20  | 1         | 0         | 1       | 99        | 16-QAM | 13.27  | 13.08  | 13.15   | 23.21      | 0.2094   |
| 20+20  | 1         | 99        | 1       | 0         |        | 21.28  | 21.12  | 21.04   |            |          |
| 20+20  | 100       | 0         | 100     | 0         | 64-QAM | 18.68  | 18.87  | 18.64   | 20.93      | 0.1239   |
| 20+20  | 1         | 0         | 1       | 99        |        | 12.89  | 12.96  | 12.85   |            |          |
| 20+20  | 1         | 99        | 1       | 0         |        | 19.00  | 18.93  | 18.86   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | QPSK   | 19.79  | 19.77  | 19.64   | 23.67      | 0.2328   |
| 20+15  | 1         | 0         | 1       | 74        |        | 12.82  | 12.70  | 12.68   |            |          |
| 20+15  | 1         | 99        | 1       | 0         |        | 21.74  | 21.61  | 21.50   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | 16-QAM | 18.82  | 18.84  | 18.63   | 23.10      | 0.2042   |
| 20+15  | 1         | 0         | 1       | 74        |        | 13.26  | 13.22  | 13.08   |            |          |
| 20+15  | 1         | 99        | 1       | 0         |        | 21.17  | 21.06  | 21.14   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | 64-QAM | 18.82  | 18.87  | 18.64   | 20.80      | 0.1202   |
| 20+15  | 1         | 0         | 1       | 74        |        | 13.03  | 13.11  | 13.08   |            |          |
| 20+15  | 1         | 99        | 1       | 0         |        | 18.86  | 18.79  | 18.71   |            |          |
| 15+20  | 75        | 0         | 100     | 0         | QPSK   | 19.62  | 19.58  | 19.60   | 23.64      | 0.2312   |
| 15+20  | 1         | 0         | 1       | 99        |        | 12.80  | 12.52  | 12.54   |            |          |
| 15+20  | 1         | 74        | 1       | 0         |        | 21.71  | 21.48  | 21.38   |            |          |
| 15+20  | 75        | 0         | 100     | 0         | 16-QAM | 18.69  | 18.79  | 18.50   | 22.99      | 0.1991   |
| 15+20  | 1         | 0         | 1       | 99        |        | 13.24  | 13.17  | 12.96   |            |          |
| 15+20  | 1         | 74        | 1       | 0         |        | 21.03  | 20.92  | 21.06   |            |          |
| 15+20  | 75        | 0         | 100     | 0         | 64-QAM | 18.68  | 18.87  | 18.48   | 20.80      | 0.1202   |
| 15+20  | 1         | 0         | 1       | 99        |        | 12.99  | 13.01  | 13.02   |            |          |
| 15+20  | 1         | 74        | 1       | 0         |        | 18.77  | 18.76  | 18.68   |            |          |
| Limit  | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.93 dB) |           |           |         |           |        |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+10  | 100       | 0         | 75      | 0         | QPSK   | 19.76  | 19.67  | 19.46   | 23.67      | 0.2328   |
| 20+10  | 1         | 0         | 1       | 74        |        | 12.63  | 12.50  | 12.52   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |        | 21.74  | 21.53  | 21.49   |            |          |
| 20+10  | 100       | 0         | 75      | 0         | 16-QAM | 18.66  | 18.78  | 18.49   | 23.05      | 0.2018   |
| 20+10  | 1         | 0         | 1       | 74        |        | 13.21  | 13.09  | 13.04   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |        | 21.12  | 21.03  | 21.11   |            |          |
| 20+10  | 100       | 0         | 75      | 0         | 64-QAM | 18.69  | 18.67  | 18.46   | 20.64      | 0.1159   |
| 20+10  | 1         | 0         | 1       | 74        |        | 12.85  | 12.97  | 12.99   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |        | 18.71  | 18.60  | 18.67   |            |          |
| 10+20  | 75        | 0         | 100     | 0         | QPSK   | 19.73  | 19.67  | 19.47   | 23.55      | 0.2265   |
| 10+20  | 1         | 0         | 1       | 99        |        | 12.75  | 12.54  | 12.58   |            |          |
| 10+20  | 1         | 74        | 1       | 0         |        | 21.62  | 21.42  | 21.44   |            |          |
| 10+20  | 75        | 0         | 100     | 0         | 16-QAM | 18.67  | 18.72  | 18.53   | 23.10      | 0.2042   |
| 10+20  | 1         | 0         | 1       | 99        |        | 13.11  | 13.07  | 12.94   |            |          |
| 10+20  | 1         | 74        | 1       | 0         |        | 21.17  | 21.04  | 21.05   |            |          |
| 10+20  | 75        | 0         | 100     | 0         | 64-QAM | 18.72  | 18.83  | 18.55   | 20.76      | 0.1191   |
| 10+20  | 1         | 0         | 1       | 99        |        | 12.92  | 13.08  | 12.94   |            |          |
| 10+20  | 1         | 74        | 1       | 0         |        | 18.78  | 18.68  | 18.53   |            |          |
| 15+15  | 75        | 0         | 100     | 0         | QPSK   | 19.74  | 19.76  | 19.59   | 23.51      | 0.2244   |
| 15+15  | 1         | 0         | 1       | 99        |        | 12.75  | 12.52  | 12.66   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |        | 21.58  | 21.53  | 21.31   |            |          |
| 15+15  | 75        | 0         | 100     | 0         | 16-QAM | 18.70  | 18.71  | 18.46   | 23.04      | 0.2014   |
| 15+15  | 1         | 0         | 1       | 99        |        | 13.17  | 13.08  | 13.00   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |        | 21.11  | 21.04  | 21.00   |            |          |
| 15+15  | 75        | 0         | 100     | 0         | 64-QAM | 18.65  | 18.85  | 18.54   | 20.78      | 0.1197   |
| 15+15  | 1         | 0         | 1       | 99        |        | 12.84  | 13.00  | 13.06   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |        | 18.67  | 18.69  | 18.63   |            |          |
| Limit  | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.93 dB) |           |           |         |           |        |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 15+10  | 75        | 0         | 100     | 0         | QPSK   | 19.73  | 19.66  | 19.47   | 23.57      | 0.2275   |
| 15+10  | 1         | 0         | 1       | 99        |        | 12.76  | 12.68  | 12.50   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |        | 21.64  | 21.42  | 21.37   |            |          |
| 15+10  | 75        | 0         | 100     | 0         | 16-QAM | 18.76  | 18.66  | 18.60   | 23.00      | 0.1995   |
| 15+10  | 1         | 0         | 1       | 99        |        | 13.19  | 13.18  | 13.06   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |        | 21.01  | 21.06  | 21.07   |            |          |
| 15+10  | 75        | 0         | 100     | 0         | 64-QAM | 18.67  | 18.83  | 18.47   | 20.78      | 0.1197   |
| 15+10  | 1         | 0         | 1       | 99        |        | 12.96  | 13.04  | 13.05   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |        | 18.85  | 18.68  | 18.53   |            |          |
| Limit  | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |





| LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 1.93 dB) |           |           |         |           |        |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+20   | 100       | 0         | 100     | 0         | QPSK   | 19.43  | 19.48  | 19.41   | 23.42      | 0.2198   |
| 20+20   | 1         | 0         | 1       | 99        |        | 12.45  | 12.40  | 12.38   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |        | 21.42  | 21.49  | 21.45   |            |          |
| 20+20   | 100       | 0         | 100     | 0         | 16-QAM | 18.48  | 18.52  | 18.54   | 22.42      | 0.1746   |
| 20+20   | 1         | 0         | 1       | 99        |        | 12.43  | 12.39  | 12.39   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |        | 20.45  | 20.49  | 20.45   |            |          |
| 20+20   | 100       | 0         | 100     | 0         | 64-QAM | 18.45  | 18.46  | 18.47   | 20.40      | 0.1096   |
| 20+20   | 1         | 0         | 1       | 99        |        | 12.46  | 12.43  | 12.44   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |        | 18.38  | 18.42  | 18.42   |            |          |
| 15+15   | 75        | 0         | 75      | 0         | QPSK   | 19.55  | 19.56  | 19.47   | 23.63      | 0.2307   |
| 15+15   | 1         | 0         | 1       | 74        |        | 12.81  | 12.82  | 12.83   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |        | 21.66  | 21.70  | 21.68   |            |          |
| 15+15   | 75        | 0         | 75      | 0         | 16-QAM | 18.61  | 18.62  | 18.71   | 22.72      | 0.1871   |
| 15+15   | 1         | 0         | 1       | 74        |        | 12.91  | 12.93  | 12.92   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |        | 20.74  | 20.79  | 20.76   |            |          |
| 15+15   | 75        | 0         | 75      | 0         | 64-QAM | 18.61  | 18.63  | 18.79   | 20.72      | 0.1180   |
| 15+15   | 1         | 0         | 1       | 74        |        | 12.84  | 12.87  | 12.87   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |        | 18.61  | 18.65  | 18.59   |            |          |
| Limit   | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.74 dB) |           |           |         |           |         |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+20   | 100       | 0         | 100     | 0         | QPSK    | 22.65  | 22.74  | 23.16   | 24.90      | 0.3090   |
| 20+20   | 1         | 0         | 1       | 99        |         | 15.00  | 14.58  | 15.39   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |         | 22.82  | 23.01  | 22.60   |            |          |
| 20+20   | 100       | 0         | 100     | 0         | 16-QAM  | 21.98  | 21.80  | 22.41   | 24.66      | 0.2924   |
| 20+20   | 1         | 0         | 1       | 99        |         | 15.22  | 15.11  | 15.95   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |         | 22.72  | 22.35  | 22.92   |            |          |
| 20+20   | 100       | 0         | 100     | 0         | 64-QAM  | 22.60  | 21.70  | 21.17   | 24.34      | 0.2716   |
| 20+20   | 1         | 0         | 1       | 99        |         | 15.10  | 14.71  | 15.62   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |         | 20.96  | 20.56  | 21.19   |            |          |
| 20+20   | 100       | 0         | 100     | 0         | 256-QAM | 22.80  | 24.62  | 22.12   | 26.36      | 0.4325   |
| 20+20   | 1         | 0         | 1       | 99        |         | 22.23  | 23.07  | 15.62   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |         | 22.90  | 23.01  | 22.35   |            |          |
| 20+15   | 100       | 0         | 75      | 0         | QPSK    | 22.94  | 22.80  | 23.67   | 25.41      | 0.3475   |
| 20+15   | 1         | 0         | 1       | 74        |         | 16.01  | 16.13  | 16.40   |            |          |
| 20+15   | 1         | 99        | 1       | 0         |         | 23.30  | 22.12  | 22.40   |            |          |
| 20+15   | 100       | 0         | 75      | 0         | 16-QAM  | 21.98  | 22.00  | 22.35   | 25.24      | 0.3342   |
| 20+15   | 1         | 0         | 1       | 74        |         | 16.32  | 16.40  | 16.50   |            |          |
| 20+15   | 1         | 99        | 1       | 0         |         | 23.50  | 23.40  | 23.43   |            |          |
| 20+15   | 100       | 0         | 75      | 0         | 64-QAM  | 21.93  | 22.20  | 22.30   | 24.05      | 0.2541   |
| 20+15   | 1         | 0         | 1       | 74        |         | 16.18  | 16.40  | 16.31   |            |          |
| 20+15   | 1         | 99        | 1       | 0         |         | 21.86  | 21.79  | 22.31   |            |          |
| 20+15   | 100       | 0         | 75      | 0         | 256-QAM | 24.05  | 23.80  | 23.95   | 25.79      | 0.3793   |
| 20+15   | 1         | 0         | 1       | 74        |         | 23.37  | 22.90  | 23.33   |            |          |
| 20+15   | 1         | 99        | 1       | 0         |         | 24.00  | 23.95  | 23.89   |            |          |
| 15+20   | 75        | 0         | 100     | 0         | QPSK    | 23.01  | 22.67  | 23.23   | 25.32      | 0.3404   |
| 15+20   | 1         | 0         | 1       | 99        |         | 15.92  | 15.96  | 16.21   |            |          |
| 15+20   | 1         | 74        | 1       | 0         |         | 23.58  | 22.44  | 22.23   |            |          |
| 15+20   | 75        | 0         | 100     | 0         | 16-QAM  | 21.84  | 21.89  | 22.17   | 25.18      | 0.3296   |
| 15+20   | 1         | 0         | 1       | 99        |         | 16.33  | 16.41  | 16.43   |            |          |
| 15+20   | 1         | 74        | 1       | 0         |         | 23.42  | 23.44  | 23.35   |            |          |
| 15+20   | 75        | 0         | 100     | 0         | 64-QAM  | 21.89  | 22.12  | 22.27   | 24.03      | 0.2529   |
| 15+20   | 1         | 0         | 1       | 99        |         | 15.12  | 16.34  | 16.27   |            |          |
| 15+20   | 1         | 74        | 1       | 0         |         | 21.76  | 21.79  | 22.29   |            |          |
| 15+20   | 75        | 0         | 100     | 0         | 256-QAM | 23.72  | 23.20  | 23.00   | 25.97      | 0.3954   |
| 15+20   | 1         | 0         | 1       | 99        |         | 22.28  | 22.76  | 23.10   |            |          |
| 15+20   | 1         | 74        | 1       | 0         |         | 24.23  | 22.30  | 22.83   |            |          |
| Limit   | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.74 dB) |           |           |         |           |         |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+10   | 100       | 0         | 50      | 0         | QPSK    | 22.92  | 23.02  | 22.90   | 25.54      | 0.3581   |
| 20+10   | 1         | 0         | 1       | 49        |         | 15.21  | 15.14  | 15.55   |            |          |
| 20+10   | 1         | 99        | 1       | 0         |         | 23.80  | 23.44  | 22.26   |            |          |
| 20+10   | 100       | 0         | 50      | 0         | 16-QAM  | 22.00  | 22.05  | 22.34   | 24.54      | 0.2844   |
| 20+10   | 1         | 0         | 1       | 49        |         | 15.40  | 15.30  | 15.61   |            |          |
| 20+10   | 1         | 99        | 1       | 0         |         | 22.60  | 22.80  | 22.45   |            |          |
| 20+10   | 100       | 0         | 50      | 0         | 64-QAM  | 21.99  | 22.07  | 22.33   | 24.07      | 0.2553   |
| 20+10   | 1         | 0         | 1       | 49        |         | 15.28  | 15.31  | 15.63   |            |          |
| 20+10   | 1         | 99        | 1       | 0         |         | 20.99  | 21.08  | 21.07   |            |          |
| 20+10   | 100       | 0         | 50      | 0         | 256-QAM | 23.64  | 22.55  | 23.00   | 26.07      | 0.4046   |
| 20+10   | 1         | 0         | 1       | 49        |         | 22.96  | 22.35  | 22.74   |            |          |
| 20+10   | 1         | 99        | 1       | 0         |         | 24.33  | 22.52  | 22.75   |            |          |
| 10+20   | 50        | 0         | 100     | 0         | QPSK    | 22.83  | 22.45  | 22.46   | 24.64      | 0.2911   |
| 10+20   | 1         | 0         | 1       | 99        |         | 15.11  | 14.84  | 15.42   |            |          |
| 10+20   | 1         | 49        | 1       | 0         |         | 22.90  | 22.44  | 22.50   |            |          |
| 10+20   | 50        | 0         | 100     | 0         | 16-QAM  | 21.92  | 21.81  | 22.35   | 24.27      | 0.2673   |
| 10+20   | 1         | 0         | 1       | 99        |         | 15.44  | 15.20  | 11.72   |            |          |
| 10+20   | 1         | 49        | 1       | 0         |         | 21.92  | 21.92  | 22.53   |            |          |
| 10+20   | 50        | 0         | 100     | 0         | 64-QAM  | 21.92  | 21.75  | 22.32   | 24.06      | 0.2547   |
| 10+20   | 1         | 0         | 1       | 99        |         | 15.27  | 15.03  | 15.60   |            |          |
| 10+20   | 1         | 49        | 1       | 0         |         | 21.92  | 20.48  | 21.04   |            |          |
| 10+20   | 50        | 0         | 100     | 0         | 256-QAM | 23.20  | 22.28  | 23.14   | 24.94      | 0.3119   |
| 10+20   | 1         | 0         | 1       | 99        |         | 22.51  | 22.60  | 22.79   |            |          |
| 10+20   | 1         | 49        | 1       | 0         |         | 22.72  | 22.26  | 22.80   |            |          |
| 20+5  | 100       | 0         | 25      | 0         | QPSK    | 22.89  | 23.00  | 22.88   | 24.74      | 0.2979   |
| 20+5  | 1         | 0         | 1       | 24        |         | 14.30  | 14.10  | 14.12   |            |          |
| 20+5  | 1         | 99        | 1       | 0         |         | 22.62  | 22.78  | 22.89   |            |          |
| 20+5  | 100       | 0         | 25      | 0         | 16-QAM  | 21.95  | 22.09  | 22.17   | 23.91      | 0.2460   |
| 20+5  | 1         | 0         | 1       | 24        |         | 14.30  | 14.24  | 14.24   |            |          |
| 20+5  | 1         | 99        | 1       | 0         |         | 21.33  | 21.60  | 21.63   |            |          |
| 20+5  | 100       | 0         | 25      | 0         | 64-QAM  | 21.88  | 22.05  | 22.20   | 23.94      | 0.2477   |
| 20+5  | 1         | 0         | 1       | 24        |         | 14.45  | 14.30  | 14.25   |            |          |
| 20+5  | 1         | 99        | 1       | 0         |         | 20.00  | 20.00  | 20.47   |            |          |
| 20+5  | 100       | 0         | 25      | 0         | 256-QAM | 24.12  | 23.85  | 23.30   | 25.86      | 0.3855   |
| 20+5  | 1         | 0         | 1       | 24        |         | 23.05  | 22.65  | 22.82   |            |          |
| 20+5  | 1         | 99        | 1       | 0         |         | 22.93  | 22.45  | 22.80   |            |          |
| Limit   | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.74 dB) |           |           |         |           |         |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 5+20  | 25        | 0         | 100     | 0         | QPSK    | 22.85  | 22.18  | 22.60   | 24.89      | 0.3083   |
| 5+20  | 1         | 0         | 1       | 99        |         | 14.26  | 13.98  | 23.15   |            |          |
| 5+20  | 1         | 24        | 1       | 0         |         | 22.70  | 21.77  | 22.81   |            |          |
| 5+20  | 25        | 0         | 100     | 0         | 16-QAM  | 21.99  | 21.86  | 22.35   | 24.09      | 0.2564   |
| 5+20  | 1         | 0         | 1       | 99        |         | 14.57  | 14.31  | 14.78   |            |          |
| 5+20  | 1         | 24        | 1       | 0         |         | 21.60  | 21.26  | 21.84   |            |          |
| 5+20  | 25        | 0         | 100     | 0         | 64-QAM  | 22.09  | 21.90  | 22.42   | 24.16      | 0.2606   |
| 5+20  | 1         | 0         | 1       | 99        |         | 14.42  | 14.18  | 14.66   |            |          |
| 5+20  | 1         | 24        | 1       | 0         |         | 19.84  | 19.45  | 20.02   |            |          |
| 5+20  | 25        | 0         | 100     | 0         | 256-QAM | 22.94  | 22.60  | 23.38   | 25.12      | 0.3251   |
| 5+20  | 1         | 0         | 1       | 99        |         | 23.00  | 22.60  | 22.78   |            |          |
| 5+20  | 1         | 24        | 1       | 0         |         | 22.93  | 22.60  | 22.85   |            |          |
| 15+10   | 75        | 0         | 50      | 0         | QPSK    | 22.80  | 22.80  | 22.98   | 24.72      | 0.2965   |
| 15+10   | 1         | 0         | 1       | 49        |         | 14.30  | 14.23  | 14.39   |            |          |
| 15+10   | 1         | 74        | 1       | 0         |         | 22.58  | 21.85  | 22.70   |            |          |
| 15+10   | 75        | 0         | 50      | 0         | 16-QAM  | 22.00  | 21.86  | 22.31   | 24.05      | 0.2541   |
| 15+10   | 1         | 0         | 1       | 49        |         | 14.61  | 14.54  | 14.74   |            |          |
| 15+10   | 1         | 74        | 1       | 0         |         | 21.60  | 21.59  | 22.00   |            |          |
| 15+10   | 75        | 0         | 50      | 0         | 64-QAM  | 22.00  | 21.94  | 22.27   | 24.01      | 0.2518   |
| 15+10   | 1         | 0         | 1       | 49        |         | 14.50  | 14.38  | 14.55   |            |          |
| 15+10   | 1         | 74        | 1       | 0         |         | 19.76  | 19.90  | 20.31   |            |          |
| 15+10   | 75        | 0         | 50      | 0         | 256-QAM | 23.06  | 22.46  | 22.85   | 25.21      | 0.3319   |
| 15+10   | 1         | 0         | 1       | 49        |         | 22.48  | 22.33  | 23.02   |            |          |
| 15+10   | 1         | 74        | 1       | 0         |         | 22.72  | 22.27  | 23.47   |            |          |
| 10+15   | 50        | 0         | 75      | 0         | QPSK    | 23.02  | 22.34  | 23.38   | 25.12      | 0.3251   |
| 10+15   | 1         | 0         | 1       | 74        |         | 14.23  | 13.82  | 14.48   |            |          |
| 10+15   | 1         | 49        | 1       | 0         |         | 22.64  | 22.12  | 22.66   |            |          |
| 10+15   | 50        | 0         | 75      | 0         | 16-QAM  | 22.06  | 21.93  | 22.47   | 24.21      | 0.2636   |
| 10+15   | 1         | 0         | 1       | 74        |         | 14.57  | 14.20  | 14.82   |            |          |
| 10+15   | 1         | 49        | 1       | 0         |         | 21.52  | 21.32  | 22.03   |            |          |
| 10+15   | 50        | 0         | 75      | 0         | 64-QAM  | 22.03  | 21.88  | 22.50   | 24.24      | 0.2655   |
| 10+15   | 1         | 0         | 1       | 74        |         | 14.40  | 14.07  | 14.67   |            |          |
| 10+15   | 1         | 49        | 1       | 0         |         | 19.75  | 19.50  | 20.31   |            |          |
| 10+15   | 50        | 0         | 75      | 0         | 256-QAM | 23.30  | 23.14  | 22.90   | 25.04      | 0.3192   |
| 10+15   | 1         | 0         | 1       | 74        |         | 22.87  | 22.40  | 22.63   |            |          |
| 10+15   | 1         | 49        | 1       | 0         |         | 22.85  | 22.31  | 23.02   |            |          |
| Limit   | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.74 dB) |           |           |         |           |         |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 15+15   | 75        | 0         | 75      | 0         | QPSK    | 23.12  | 23.30  | 23.34   | 25.32      | 0.3404   |
| 15+15   | 1         | 0         | 1       | 74        |         | 15.50  | 15.41  | 15.67   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |         | 23.12  | 23.22  | 23.58   |            |          |
| 15+15   | 75        | 0         | 75      | 0         | 16-QAM  | 22.16  | 22.34  | 22.31   | 24.86      | 0.3062   |
| 15+15   | 1         | 0         | 1       | 74        |         | 15.74  | 15.63  | 16.01   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |         | 22.50  | 22.70  | 23.12   |            |          |
| 15+15   | 75        | 0         | 75      | 0         | 64-QAM  | 22.17  | 22.31  | 22.36   | 24.10      | 0.2570   |
| 15+15   | 1         | 0         | 1       | 74        |         | 15.70  | 15.58  | 15.84   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |         | 21.23  | 21.24  | 21.50   |            |          |
| 15+15   | 75        | 0         | 75      | 0         | 256-QAM | 23.60  | 23.16  | 23.44   | 25.34      | 0.3420   |
| 15+15   | 1         | 0         | 1       | 74        |         | 23.00  | 22.74  | 23.26   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |         | 23.28  | 22.19  | 23.49   |            |          |
| Limit   | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



<MIMO 2 Antenna>

| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.76 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20  | 1         | 0         | QPSK   | 25.92  | 26.18  | 26.31   | 28.16      | 0.6546   |
| 20  | 1         | 49        |        | 26.12  | 26.39  | 26.40   |            |          |
| 20  | 1         | 99        |        | 26.08  | 26.28  | 26.25   |            |          |
| 20  | 50        | 0         |        | 25.18  | 25.44  | 25.46   |            |          |
| 20  | 50        | 24        |        | 25.19  | 25.42  | 25.47   |            |          |
| 20  | 50        | 50        |        | 25.17  | 25.46  | 25.44   |            |          |
| 20  | 100       | 0         |        | 25.16  | 25.42  | 25.43   |            |          |
| 20  | 1         | 0         | 16-QAM | 25.14  | 25.50  | 25.51   | 27.39      | 0.5483   |
| 20  | 1         | 49        |        | 25.31  | 25.63  | 25.62   |            |          |
| 20  | 1         | 99        |        | 25.26  | 25.57  | 25.52   |            |          |
| 20  | 50        | 0         |        | 24.17  | 24.42  | 24.47   |            |          |
| 20  | 50        | 24        |        | 24.22  | 24.45  | 24.52   |            |          |
| 20  | 50        | 50        |        | 24.19  | 24.44  | 24.46   |            |          |
| 20  | 100       | 0         |        | 24.19  | 24.42  | 24.45   |            |          |
| 20  | 1         | 0         | 64-QAM | 24.07  | 24.35  | 24.44   | 26.27      | 0.4236   |
| 20  | 1         | 49        |        | 24.21  | 24.51  | 24.51   |            |          |
| 20  | 1         | 99        |        | 24.14  | 24.42  | 24.38   |            |          |
| 20  | 50        | 0         |        | 23.20  | 23.40  | 23.47   |            |          |
| 20  | 50        | 24        |        | 23.22  | 23.43  | 23.48   |            |          |
| 20  | 50        | 50        |        | 23.16  | 23.39  | 23.43   |            |          |
| 20  | 100       | 0         |        | 23.18  | 23.42  | 23.45   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.76 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15  | 1         | 0         | QPSK   | 26.06  | 26.35  | 26.36   | 28.14      | 0.6516   |
| 15  | 1         | 37        |        | 26.07  | 26.37  | 26.35   |            |          |
| 15  | 1         | 74        |        | 26.13  | 26.38  | 26.37   |            |          |
| 15  | 36        | 0         |        | 25.11  | 25.38  | 25.43   |            |          |
| 15  | 36        | 20        |        | 25.14  | 25.41  | 25.43   |            |          |
| 15  | 36        | 39        |        | 25.16  | 25.38  | 25.42   |            |          |
| 15  | 75        | 0         |        | 25.18  | 25.37  | 25.46   |            |          |
| 15  | 1         | 0         | 16-QAM | 25.16  | 25.55  | 25.48   | 27.39      | 0.5483   |
| 15  | 1         | 37        |        | 25.26  | 25.63  | 25.61   |            |          |
| 15  | 1         | 74        |        | 25.24  | 25.59  | 25.53   |            |          |
| 15  | 36        | 0         |        | 24.11  | 24.34  | 24.45   |            |          |
| 15  | 36        | 20        |        | 24.14  | 24.35  | 24.46   |            |          |
| 15  | 36        | 39        |        | 24.13  | 24.38  | 24.42   |            |          |
| 15  | 75        | 0         |        | 24.16  | 24.39  | 24.46   |            |          |
| 15  | 1         | 0         | 64-QAM | 24.12  | 24.40  | 24.39   | 26.28      | 0.4246   |
| 15  | 1         | 37        |        | 24.18  | 24.52  | 24.50   |            |          |
| 15  | 1         | 74        |        | 24.11  | 24.47  | 24.42   |            |          |
| 15  | 36        | 0         |        | 23.15  | 23.40  | 23.48   |            |          |
| 15  | 36        | 20        |        | 23.16  | 23.41  | 23.50   |            |          |
| 15  | 36        | 39        |        | 23.18  | 23.39  | 23.46   |            |          |
| 15  | 75        | 0         |        | 23.15  | 23.39  | 23.46   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.76 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10  | 1         | 0         | QPSK   | 26.04  | 26.34  | 26.37   | 28.13      | 0.6501   |
| 10  | 1         | 25        |        | 26.04  | 26.35  | 26.33   |            |          |
| 10  | 1         | 49        |        | 26.10  | 26.36  | 26.37   |            |          |
| 10  | 25        | 0         |        | 25.19  | 25.38  | 25.47   |            |          |
| 10  | 25        | 12        |        | 25.16  | 25.41  | 25.48   |            |          |
| 10  | 25        | 25        |        | 25.19  | 25.39  | 25.52   |            |          |
| 10  | 50        | 0         |        | 25.22  | 25.43  | 25.48   |            |          |
| 10  | 1         | 0         | 16-QAM | 25.27  | 25.64  | 25.59   | 27.44      | 0.5546   |
| 10  | 1         | 25        |        | 25.30  | 25.68  | 25.62   |            |          |
| 10  | 1         | 49        |        | 25.29  | 25.63  | 25.63   |            |          |
| 10  | 25        | 0         |        | 24.20  | 24.46  | 24.52   |            |          |
| 10  | 25        | 12        |        | 24.21  | 24.48  | 24.54   |            |          |
| 10  | 25        | 25        |        | 24.23  | 24.45  | 24.54   |            |          |
| 10  | 50        | 0         |        | 24.23  | 24.44  | 24.54   |            |          |
| 10  | 1         | 0         | 64-QAM | 24.14  | 24.48  | 24.51   | 26.30      | 0.4266   |
| 10  | 1         | 25        |        | 24.21  | 24.52  | 24.51   |            |          |
| 10  | 1         | 49        |        | 24.14  | 24.48  | 24.54   |            |          |
| 10  | 25        | 0         |        | 23.27  | 23.47  | 23.57   |            |          |
| 10  | 25        | 12        |        | 23.26  | 23.44  | 23.56   |            |          |
| 10  | 25        | 25        |        | 23.26  | 23.45  | 23.60   |            |          |
| 10  | 50        | 0         |        | 23.19  | 23.42  | 23.55   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |





| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.76 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5   | 1         | 0         | QPSK   | 26.05  | 26.34  | 26.38   | 28.14      | 0.6516   |
| 5   | 1         | 12        |        | 26.02  | 26.28  | 26.36   |            |          |
| 5   | 1         | 24        |        | 26.10  | 26.37  | 26.37   |            |          |
| 5   | 12        | 0         |        | 25.18  | 25.41  | 25.51   |            |          |
| 5   | 12        | 7         |        | 25.18  | 25.40  | 25.51   |            |          |
| 5   | 12        | 13        |        | 25.16  | 25.37  | 25.46   |            |          |
| 5   | 25        | 0         |        | 25.21  | 25.38  | 25.52   |            |          |
| 5   | 1         | 0         | 16-QAM | 25.27  | 25.62  | 25.64   | 27.44      | 0.5546   |
| 5   | 1         | 12        |        | 25.23  | 25.65  | 25.68   |            |          |
| 5   | 1         | 24        |        | 25.27  | 25.63  | 25.61   |            |          |
| 5   | 12        | 0         |        | 24.18  | 24.41  | 24.54   |            |          |
| 5   | 12        | 7         |        | 24.19  | 24.42  | 24.52   |            |          |
| 5   | 12        | 13        |        | 24.16  | 24.39  | 24.50   |            |          |
| 5   | 25        | 0         |        | 24.24  | 24.46  | 24.58   |            |          |
| 5   | 1         | 0         | 64-QAM | 24.23  | 24.53  | 24.53   | 26.33      | 0.4295   |
| 5   | 1         | 12        |        | 24.17  | 24.53  | 24.57   |            |          |
| 5   | 1         | 24        |        | 24.18  | 24.54  | 24.54   |            |          |
| 5   | 12        | 0         |        | 23.17  | 23.43  | 23.56   |            |          |
| 5   | 12        | 7         |        | 23.19  | 23.43  | 23.55   |            |          |
| 5   | 12        | 13        |        | 23.16  | 23.40  | 23.51   |            |          |
| 5   | 25        | 0         |        | 23.26  | 23.43  | 23.55   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20  | 1         | 0         | QPSK   | 23.50  | 23.53  | 23.48   | 22.79      | 0.1901   |
| 20  | 1         | 49        |        | 23.45  | 23.50  | 23.43   |            |          |
| 20  | 1         | 99        |        | 23.31  | 23.32  | 23.36   |            |          |
| 20  | 50        | 0         |        | 22.41  | 22.48  | 22.46   |            |          |
| 20  | 50        | 24        |        | 22.40  | 22.45  | 22.42   |            |          |
| 20  | 50        | 50        |        | 22.37  | 22.43  | 22.41   |            |          |
| 20  | 100       | 0         |        | 22.40  | 22.42  | 22.40   |            |          |
| 20  | 1         | 0         | 16-QAM | 22.57  | 22.56  | 22.50   | 21.85      | 0.1531   |
| 20  | 1         | 49        |        | 22.59  | 22.57  | 22.57   |            |          |
| 20  | 1         | 99        |        | 22.45  | 22.43  | 22.43   |            |          |
| 20  | 50        | 0         |        | 21.40  | 21.32  | 21.43   |            |          |
| 20  | 50        | 24        |        | 21.40  | 21.44  | 21.45   |            |          |
| 20  | 50        | 50        |        | 21.33  | 21.42  | 21.36   |            |          |
| 20  | 100       | 0         |        | 21.38  | 21.36  | 21.37   |            |          |
| 20  | 1         | 0         | 64-QAM | 21.48  | 21.49  | 21.42   | 20.76      | 0.1191   |
| 20  | 1         | 49        |        | 21.48  | 21.50  | 21.49   |            |          |
| 20  | 1         | 99        |        | 21.36  | 21.35  | 21.38   |            |          |
| 20  | 50        | 0         |        | 20.39  | 20.31  | 20.46   |            |          |
| 20  | 50        | 24        |        | 20.39  | 20.43  | 20.38   |            |          |
| 20  | 50        | 50        |        | 20.35  | 20.41  | 20.34   |            |          |
| 20  | 100       | 0         |        | 20.36  | 20.36  | 20.36   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15  | 1         | 0         | QPSK   | 23.38  | 23.33  | 23.40   | 22.7       | 0.1862   |
| 15  | 1         | 37        |        | 23.44  | 23.37  | 23.32   |            |          |
| 15  | 1         | 74        |        | 23.12  | 23.29  | 23.34   |            |          |
| 15  | 36        | 0         |        | 22.34  | 22.34  | 22.29   |            |          |
| 15  | 36        | 20        |        | 22.22  | 22.37  | 22.25   |            |          |
| 15  | 36        | 39        |        | 22.25  | 22.42  | 22.38   |            |          |
| 15  | 75        | 0         |        | 22.30  | 22.42  | 22.36   |            |          |
| 15  | 1         | 0         | 16-QAM | 22.41  | 22.36  | 22.43   | 21.83      | 0.1524   |
| 15  | 1         | 37        |        | 22.42  | 22.57  | 22.39   |            |          |
| 15  | 1         | 74        |        | 22.39  | 22.31  | 22.43   |            |          |
| 15  | 36        | 0         |        | 21.39  | 21.13  | 21.37   |            |          |
| 15  | 36        | 20        |        | 21.34  | 21.37  | 21.34   |            |          |
| 15  | 36        | 39        |        | 21.21  | 21.33  | 21.28   |            |          |
| 15  | 75        | 0         |        | 21.29  | 21.32  | 21.30   |            |          |
| 15  | 1         | 0         | 64-QAM | 21.38  | 21.42  | 21.23   | 20.76      | 0.1191   |
| 15  | 1         | 37        |        | 21.35  | 21.50  | 21.46   |            |          |
| 15  | 1         | 74        |        | 21.16  | 21.29  | 21.28   |            |          |
| 15  | 36        | 0         |        | 20.24  | 20.27  | 20.37   |            |          |
| 15  | 36        | 20        |        | 20.37  | 20.35  | 20.27   |            |          |
| 15  | 36        | 39        |        | 20.35  | 20.41  | 20.32   |            |          |
| 15  | 75        | 0         |        | 20.20  | 20.29  | 20.18   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10  | 1         | 0         | QPSK   | 23.42  | 23.40  | 23.28   | 22.7       | 0.1862   |
| 10  | 1         | 25        |        | 23.41  | 23.44  | 23.35   |            |          |
| 10  | 1         | 49        |        | 23.12  | 23.18  | 23.29   |            |          |
| 10  | 25        | 0         |        | 22.22  | 22.46  | 22.30   |            |          |
| 10  | 25        | 12        |        | 22.33  | 22.42  | 22.25   |            |          |
| 10  | 25        | 25        |        | 22.22  | 22.34  | 22.36   |            |          |
| 10  | 50        | 0         |        | 22.22  | 22.27  | 22.23   |            |          |
| 10  | 1         | 0         | 16-QAM | 22.41  | 22.55  | 22.30   | 21.83      | 0.1524   |
| 10  | 1         | 25        |        | 22.50  | 22.47  | 22.57   |            |          |
| 10  | 1         | 49        |        | 22.34  | 22.31  | 22.37   |            |          |
| 10  | 25        | 0         |        | 21.32  | 21.16  | 21.25   |            |          |
| 10  | 25        | 12        |        | 21.33  | 21.35  | 21.45   |            |          |
| 10  | 25        | 25        |        | 21.31  | 21.37  | 21.25   |            |          |
| 10  | 50        | 0         |        | 21.28  | 21.19  | 21.26   |            |          |
| 10  | 1         | 0         | 64-QAM | 21.41  | 21.45  | 21.31   | 20.73      | 0.1183   |
| 10  | 1         | 25        |        | 21.38  | 21.39  | 21.47   |            |          |
| 10  | 1         | 49        |        | 21.33  | 21.24  | 21.34   |            |          |
| 10  | 25        | 0         |        | 20.32  | 20.17  | 20.38   |            |          |
| 10  | 25        | 12        |        | 20.33  | 20.38  | 20.19   |            |          |
| 10  | 25        | 25        |        | 20.15  | 20.41  | 20.30   |            |          |
| 10  | 50        | 0         |        | 20.30  | 20.20  | 20.20   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5   | 1         | 0         | QPSK   | 23.31  | 23.40  | 23.32   | 22.68      | 0.1854   |
| 5   | 1         | 12        |        | 23.42  | 23.35  | 23.23   |            |          |
| 5   | 1         | 24        |        | 23.29  | 23.21  | 23.16   |            |          |
| 5   | 12        | 0         |        | 22.29  | 22.39  | 22.34   |            |          |
| 5   | 12        | 7         |        | 22.36  | 22.45  | 22.31   |            |          |
| 5   | 12        | 13        |        | 22.20  | 22.43  | 22.29   |            |          |
| 5   | 25        | 0         |        | 22.37  | 22.26  | 22.39   |            |          |
| 5   | 1         | 0         | 16-QAM | 22.56  | 22.49  | 22.39   | 21.82      | 0.1521   |
| 5   | 1         | 12        |        | 22.48  | 22.39  | 22.45   |            |          |
| 5   | 1         | 24        |        | 22.41  | 22.23  | 22.25   |            |          |
| 5   | 12        | 0         |        | 21.34  | 21.12  | 21.35   |            |          |
| 5   | 12        | 7         |        | 21.26  | 21.35  | 21.41   |            |          |
| 5   | 12        | 13        |        | 21.23  | 21.23  | 21.30   |            |          |
| 5   | 25        | 0         |        | 21.22  | 21.22  | 21.36   |            |          |
| 5   | 1         | 0         | 64-QAM | 21.33  | 21.39  | 21.36   | 20.75      | 0.1189   |
| 5   | 1         | 12        |        | 21.48  | 21.49  | 21.30   |            |          |
| 5   | 1         | 24        |        | 21.21  | 21.34  | 21.28   |            |          |
| 5   | 12        | 0         |        | 20.22  | 20.26  | 20.41   |            |          |
| 5   | 12        | 7         |        | 20.38  | 20.29  | 20.26   |            |          |
| 5   | 12        | 13        |        | 20.21  | 20.32  | 20.19   |            |          |
| 5   | 25        | 0         |        | 20.20  | 20.27  | 20.24   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3   | 1         | 0         | QPSK   | 23.43  | 23.37  | 23.39   | 22.71      | 0.1866   |
| 3   | 1         | 8         |        | 23.45  | 23.31  | 23.42   |            |          |
| 3   | 1         | 14        |        | 23.26  | 23.15  | 23.22   |            |          |
| 3   | 8         | 0         |        | 22.24  | 22.48  | 22.35   |            |          |
| 3   | 8         | 4         |        | 22.25  | 22.40  | 22.38   |            |          |
| 3   | 8         | 7         |        | 22.22  | 22.37  | 22.37   |            |          |
| 3   | 15        | 0         |        | 22.29  | 22.33  | 22.30   |            |          |
| 3   | 1         | 0         | 16-QAM | 22.43  | 22.48  | 22.50   | 21.76      | 0.1500   |
| 3   | 1         | 8         |        | 22.45  | 22.46  | 22.42   |            |          |
| 3   | 1         | 14        |        | 22.37  | 22.27  | 22.35   |            |          |
| 3   | 8         | 0         |        | 21.40  | 21.28  | 21.32   |            |          |
| 3   | 8         | 4         |        | 21.26  | 21.33  | 21.38   |            |          |
| 3   | 8         | 7         |        | 21.20  | 21.38  | 21.31   |            |          |
| 3   | 15        | 0         |        | 21.38  | 21.28  | 21.35   |            |          |
| 3   | 1         | 0         | 64-QAM | 21.36  | 21.43  | 21.28   | 20.72      | 0.1180   |
| 3   | 1         | 8         |        | 21.46  | 21.38  | 21.34   |            |          |
| 3   | 1         | 14        |        | 21.31  | 21.31  | 21.26   |            |          |
| 3   | 8         | 0         |        | 20.23  | 20.24  | 20.31   |            |          |
| 3   | 8         | 4         |        | 20.25  | 20.31  | 20.25   |            |          |
| 3   | 8         | 7         |        | 20.21  | 20.21  | 20.26   |            |          |
| 3   | 15        | 0         |        | 20.16  | 20.27  | 20.34   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.74 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4   | 1         | 0         | QPSK   | 23.36  | 23.33  | 23.32   | 22.65      | 0.1841   |
| 1.4   | 1         | 3         |        | 23.39  | 23.32  | 23.33   |            |          |
| 1.4   | 1         | 5         |        | 23.36  | 23.32  | 23.32   |            |          |
| 1.4   | 3         | 0         |        | 23.36  | 23.33  | 23.35   |            |          |
| 1.4   | 3         | 1         |        | 23.37  | 23.32  | 23.34   |            |          |
| 1.4   | 3         | 3         |        | 23.37  | 23.29  | 23.35   |            |          |
| 1.4   | 6         | 0         |        | 22.35  | 22.32  | 22.32   |            |          |
| 1.4   | 1         | 0         | 16-QAM | 22.60  | 22.49  | 22.51   | 21.86      | 0.1535   |
| 1.4   | 1         | 3         |        | 22.60  | 22.52  | 22.54   |            |          |
| 1.4   | 1         | 5         |        | 22.59  | 22.50  | 22.52   |            |          |
| 1.4   | 3         | 0         |        | 22.35  | 22.33  | 22.34   |            |          |
| 1.4   | 3         | 1         |        | 22.38  | 22.33  | 22.34   |            |          |
| 1.4   | 3         | 3         |        | 22.34  | 22.27  | 22.32   |            |          |
| 1.4   | 6         | 0         |        | 21.40  | 21.34  | 21.37   |            |          |
| 1.4   | 1         | 0         | 64-QAM | 21.47  | 21.42  | 21.42   | 20.74      | 0.1186   |
| 1.4   | 1         | 3         |        | 21.47  | 21.37  | 21.42   |            |          |
| 1.4   | 1         | 5         |        | 21.48  | 21.38  | 21.40   |            |          |
| 1.4   | 3         | 0         |        | 21.42  | 21.40  | 21.40   |            |          |
| 1.4   | 3         | 1         |        | 21.43  | 21.40  | 21.41   |            |          |
| 1.4   | 3         | 3         |        | 21.43  | 21.37  | 21.39   |            |          |
| 1.4   | 6         | 0         |        | 20.46  | 20.42  | 20.41   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20   | 1         | 0         | QPSK   | 23.46  | 23.49  | 23.47   | 23.06      | 0.2023   |
| 20   | 1         | 49        |        | 23.46  | 23.45  | 23.44   |            |          |
| 20   | 1         | 99        |        | 23.30  | 23.27  | 23.37   |            |          |
| 20   | 50        | 0         |        | 22.47  | 22.50  | 22.43   |            |          |
| 20   | 50        | 24        |        | 22.41  | 22.38  | 22.36   |            |          |
| 20   | 50        | 50        |        | 22.28  | 22.41  | 22.35   |            |          |
| 20   | 100       | 0         |        | 22.37  | 22.38  | 22.34   |            |          |
| 20   | 1         | 0         | 16-QAM | 22.45  | 22.50  | 22.47   | 22.18      | 0.1652   |
| 20   | 1         | 49        |        | 22.61  | 22.49  | 22.48   |            |          |
| 20   | 1         | 99        |        | 22.39  | 22.37  | 22.44   |            |          |
| 20   | 50        | 0         |        | 21.36  | 21.21  | 21.42   |            |          |
| 20   | 50        | 24        |        | 21.41  | 21.34  | 21.35   |            |          |
| 20   | 50        | 50        |        | 21.32  | 21.41  | 21.33   |            |          |
| 20   | 100       | 0         |        | 21.32  | 21.32  | 21.36   |            |          |
| 20   | 1         | 0         | 64-QAM | 21.35  | 21.42  | 21.40   | 21.07      | 0.1279   |
| 20   | 1         | 49        |        | 21.50  | 21.40  | 21.45   |            |          |
| 20   | 1         | 99        |        | 21.25  | 21.29  | 21.32   |            |          |
| 20   | 50        | 0         |        | 20.39  | 20.20  | 20.42   |            |          |
| 20   | 50        | 24        |        | 20.37  | 20.36  | 20.35   |            |          |
| 20   | 50        | 50        |        | 20.25  | 20.38  | 20.33   |            |          |
| 20   | 100       | 0         |        | 20.31  | 20.29  | 20.33   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |





| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15   | 1         | 0         | QPSK   | 23.40  | 23.35  | 23.31   | 22.97      | 0.1982   |
| 15   | 1         | 37        |        | 23.31  | 23.35  | 23.40   |            |          |
| 15   | 1         | 74        |        | 23.29  | 23.14  | 23.33   |            |          |
| 15   | 36        | 0         |        | 22.41  | 22.42  | 22.41   |            |          |
| 15   | 36        | 20        |        | 22.35  | 22.37  | 22.31   |            |          |
| 15   | 36        | 39        |        | 22.28  | 22.40  | 22.20   |            |          |
| 15   | 75        | 0         |        | 22.27  | 22.30  | 22.18   |            |          |
| 15   | 1         | 0         | 16-QAM | 22.36  | 22.33  | 22.44   | 22.04      | 0.1600   |
| 15   | 1         | 37        |        | 22.46  | 22.29  | 22.47   |            |          |
| 15   | 1         | 74        |        | 22.32  | 22.23  | 22.30   |            |          |
| 15   | 36        | 0         |        | 21.28  | 21.12  | 21.32   |            |          |
| 15   | 36        | 20        |        | 21.24  | 21.14  | 21.19   |            |          |
| 15   | 36        | 39        |        | 21.30  | 21.33  | 21.22   |            |          |
| 15   | 75        | 0         |        | 21.31  | 21.17  | 21.20   |            |          |
| 15   | 1         | 0         | 64-QAM | 21.34  | 21.40  | 21.24   | 20.97      | 0.1250   |
| 15   | 1         | 37        |        | 21.31  | 21.34  | 21.31   |            |          |
| 15   | 1         | 74        |        | 21.10  | 21.29  | 21.23   |            |          |
| 15   | 36        | 0         |        | 20.32  | 20.20  | 20.37   |            |          |
| 15   | 36        | 20        |        | 20.21  | 20.27  | 20.18   |            |          |
| 15   | 36        | 39        |        | 20.25  | 20.30  | 20.31   |            |          |
| 15   | 75        | 0         |        | 20.15  | 20.24  | 20.16   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10   | 1         | 0         | QPSK   | 23.45  | 23.35  | 23.31   | 23.02      | 0.2004   |
| 10   | 1         | 25        |        | 23.41  | 23.32  | 23.30   |            |          |
| 10   | 1         | 49        |        | 23.18  | 23.18  | 23.23   |            |          |
| 10   | 25        | 0         |        | 22.37  | 22.44  | 22.31   |            |          |
| 10   | 25        | 12        |        | 22.28  | 22.19  | 22.36   |            |          |
| 10   | 25        | 25        |        | 22.21  | 22.26  | 22.31   |            |          |
| 10   | 50        | 0         |        | 22.23  | 22.32  | 22.18   |            |          |
| 10   | 1         | 0         | 16-QAM | 22.37  | 22.33  | 22.42   | 22.11      | 0.1626   |
| 10   | 1         | 25        |        | 22.54  | 22.36  | 22.38   |            |          |
| 10   | 1         | 49        |        | 22.37  | 22.26  | 22.31   |            |          |
| 10   | 25        | 0         |        | 21.21  | 21.17  | 21.40   |            |          |
| 10   | 25        | 12        |        | 21.36  | 21.27  | 21.20   |            |          |
| 10   | 25        | 25        |        | 21.29  | 21.32  | 21.13   |            |          |
| 10   | 50        | 0         |        | 21.23  | 21.30  | 21.27   |            |          |
| 10   | 1         | 0         | 64-QAM | 21.15  | 21.39  | 21.23   | 21.05      | 0.1274   |
| 10   | 1         | 25        |        | 21.48  | 21.34  | 21.45   |            |          |
| 10   | 1         | 49        |        | 21.06  | 21.28  | 21.18   |            |          |
| 10   | 25        | 0         |        | 20.30  | 20.19  | 20.40   |            |          |
| 10   | 25        | 12        |        | 20.17  | 20.36  | 20.18   |            |          |
| 10   | 25        | 25        |        | 20.19  | 20.31  | 20.21   |            |          |
| 10   | 50        | 0         |        | 20.12  | 20.10  | 20.19   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5  | 1         | 0         | QPSK   | 23.39  | 23.30  | 23.40   | 22.99      | 0.1991   |
| 5  | 1         | 12        |        | 23.42  | 23.38  | 23.36   |            |          |
| 5  | 1         | 24        |        | 23.28  | 23.27  | 23.23   |            |          |
| 5  | 12        | 0         |        | 22.37  | 22.36  | 22.29   |            |          |
| 5  | 12        | 7         |        | 22.32  | 22.28  | 22.34   |            |          |
| 5  | 12        | 13        |        | 22.21  | 22.26  | 22.22   |            |          |
| 5  | 25        | 0         |        | 22.32  | 22.34  | 22.34   |            |          |
| 5  | 1         | 0         | 16-QAM | 22.38  | 22.36  | 22.44   | 22.10      | 0.1622   |
| 5  | 1         | 12        |        | 22.53  | 22.37  | 22.48   |            |          |
| 5  | 1         | 24        |        | 22.35  | 22.17  | 22.42   |            |          |
| 5  | 12        | 0         |        | 21.21  | 21.09  | 21.22   |            |          |
| 5  | 12        | 7         |        | 21.21  | 21.28  | 21.31   |            |          |
| 5  | 12        | 13        |        | 21.30  | 21.32  | 21.27   |            |          |
| 5  | 25        | 0         |        | 21.23  | 21.20  | 21.24   |            |          |
| 5  | 1         | 0         | 64-QAM | 21.17  | 21.34  | 21.24   | 21.03      | 0.1268   |
| 5  | 1         | 12        |        | 21.46  | 21.20  | 21.37   |            |          |
| 5  | 1         | 24        |        | 21.21  | 21.11  | 21.13   |            |          |
| 5  | 12        | 0         |        | 20.34  | 20.09  | 20.39   |            |          |
| 5  | 12        | 7         |        | 20.24  | 20.19  | 20.28   |            |          |
| 5  | 12        | 13        |        | 20.17  | 20.20  | 20.33   |            |          |
| 5  | 25        | 0         |        | 20.22  | 20.16  | 20.21   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3  | 1         | 0         | QPSK   | 23.37  | 23.39  | 23.32   | 23.03      | 0.2009   |
| 3  | 1         | 8         |        | 23.46  | 23.37  | 23.34   |            |          |
| 3  | 1         | 14        |        | 23.15  | 23.12  | 23.34   |            |          |
| 3  | 8         | 0         |        | 22.32  | 22.46  | 22.28   |            |          |
| 3  | 8         | 4         |        | 22.39  | 22.38  | 22.21   |            |          |
| 3  | 8         | 7         |        | 22.08  | 22.23  | 22.29   |            |          |
| 3  | 15        | 0         |        | 22.36  | 22.27  | 22.28   |            |          |
| 3  | 1         | 0         | 16-QAM | 22.44  | 22.32  | 22.43   | 22.01      | 0.1589   |
| 3  | 1         | 8         |        | 22.42  | 22.32  | 22.34   |            |          |
| 3  | 1         | 14        |        | 22.19  | 22.20  | 22.30   |            |          |
| 3  | 8         | 0         |        | 21.30  | 21.12  | 21.26   |            |          |
| 3  | 8         | 4         |        | 21.30  | 21.18  | 21.31   |            |          |
| 3  | 8         | 7         |        | 21.21  | 21.34  | 21.32   |            |          |
| 3  | 15        | 0         |        | 21.29  | 21.25  | 21.18   |            |          |
| 3  | 1         | 0         | 64-QAM | 21.15  | 21.24  | 21.37   | 21.03      | 0.1268   |
| 3  | 1         | 8         |        | 21.46  | 21.40  | 21.33   |            |          |
| 3  | 1         | 14        |        | 21.10  | 21.22  | 21.24   |            |          |
| 3  | 8         | 0         |        | 20.35  | 20.10  | 20.32   |            |          |
| 3  | 8         | 4         |        | 20.30  | 20.24  | 20.25   |            |          |
| 3  | 8         | 7         |        | 20.10  | 20.31  | 20.26   |            |          |
| 3  | 15        | 0         |        | 20.15  | 20.11  | 20.20   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4  | 1         | 0         | QPSK   | 23.29  | 23.26  | 23.30   | 22.89      | 0.1945   |
| 1.4  | 1         | 3         |        | 23.32  | 23.26  | 23.29   |            |          |
| 1.4  | 1         | 5         |        | 23.23  | 23.25  | 23.27   |            |          |
| 1.4  | 3         | 0         |        | 23.29  | 23.23  | 23.30   |            |          |
| 1.4  | 3         | 1         |        | 23.30  | 23.26  | 23.28   |            |          |
| 1.4  | 3         | 3         |        | 23.27  | 23.23  | 23.28   |            |          |
| 1.4  | 6         | 0         |        | 22.26  | 22.22  | 22.26   |            |          |
| 1.4  | 1         | 0         | 16-QAM | 22.55  | 22.41  | 22.44   | 22.13      | 0.1633   |
| 1.4  | 1         | 3         |        | 22.56  | 22.45  | 22.46   |            |          |
| 1.4  | 1         | 5         |        | 22.47  | 22.43  | 22.42   |            |          |
| 1.4  | 3         | 0         |        | 22.29  | 22.18  | 22.27   |            |          |
| 1.4  | 3         | 1         |        | 22.31  | 22.23  | 22.27   |            |          |
| 1.4  | 3         | 3         |        | 22.26  | 22.22  | 22.25   |            |          |
| 1.4  | 6         | 0         |        | 21.28  | 21.25  | 21.29   |            |          |
| 1.4  | 1         | 0         | 64-QAM | 21.43  | 21.31  | 21.36   | 21.00      | 0.1259   |
| 1.4  | 1         | 3         |        | 21.41  | 21.30  | 21.35   |            |          |
| 1.4  | 1         | 5         |        | 21.33  | 21.31  | 21.34   |            |          |
| 1.4  | 3         | 0         |        | 21.38  | 21.29  | 21.35   |            |          |
| 1.4  | 3         | 1         |        | 21.39  | 21.32  | 21.35   |            |          |
| 1.4  | 3         | 3         |        | 21.33  | 21.31  | 21.35   |            |          |
| 1.4  | 6         | 0         |        | 20.38  | 20.35  | 20.38   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20  | 1         | 0         | QPSK   | 23.73  | 23.77  | 23.72   | 22.48      | 0.1770   |
| 20  | 1         | 49        |        | 23.68  | 23.70  | 23.67   |            |          |
| 20  | 1         | 99        |        | 23.53  | 23.52  | 23.50   |            |          |
| 20  | 50        | 0         |        | 22.67  | 22.72  | 22.66   |            |          |
| 20  | 50        | 24        |        | 22.65  | 22.66  | 22.64   |            |          |
| 20  | 50        | 50        |        | 22.51  | 22.66  | 22.61   |            |          |
| 20  | 100       | 0         |        | 22.60  | 22.62  | 22.57   |            |          |
| 20  | 1         | 0         | 16-QAM | 22.69  | 22.74  | 22.83   | 21.62      | 0.1452   |
| 20  | 1         | 49        |        | 22.81  | 22.88  | 22.91   |            |          |
| 20  | 1         | 99        |        | 22.71  | 22.74  | 22.65   |            |          |
| 20  | 50        | 0         |        | 21.52  | 21.63  | 21.54   |            |          |
| 20  | 50        | 24        |        | 21.62  | 21.62  | 21.61   |            |          |
| 20  | 50        | 50        |        | 21.53  | 21.67  | 21.62   |            |          |
| 20  | 100       | 0         |        | 21.57  | 21.58  | 21.57   |            |          |
| 20  | 1         | 0         | 64-QAM | 21.60  | 21.71  | 21.74   | 20.50      | 0.1122   |
| 20  | 1         | 49        |        | 21.74  | 21.75  | 21.79   |            |          |
| 20  | 1         | 99        |        | 21.64  | 21.61  | 21.61   |            |          |
| 20  | 50        | 0         |        | 20.53  | 20.65  | 20.54   |            |          |
| 20  | 50        | 24        |        | 20.64  | 20.63  | 20.63   |            |          |
| 20  | 50        | 50        |        | 20.54  | 20.67  | 20.61   |            |          |
| 20  | 100       | 0         |        | 20.58  | 20.56  | 20.59   |            |          |
| Limit   | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15  | 1         | 0         | QPSK   | 23.66  | 23.63  | 23.67   | 22.40      | 0.1738   |
| 15  | 1         | 37        |        | 23.59  | 23.69  | 23.51   |            |          |
| 15  | 1         | 74        |        | 23.47  | 23.35  | 23.37   |            |          |
| 15  | 36        | 0         |        | 22.57  | 22.69  | 22.60   |            |          |
| 15  | 36        | 20        |        | 22.48  | 22.53  | 22.60   |            |          |
| 15  | 36        | 39        |        | 22.46  | 22.65  | 22.41   |            |          |
| 15  | 75        | 0         |        | 22.60  | 22.45  | 22.47   |            |          |
| 15  | 1         | 0         | 16-QAM | 22.55  | 22.57  | 22.78   | 21.56      | 0.1432   |
| 15  | 1         | 37        |        | 22.73  | 22.85  | 22.83   |            |          |
| 15  | 1         | 74        |        | 22.53  | 22.61  | 22.56   |            |          |
| 15  | 36        | 0         |        | 21.42  | 21.44  | 21.54   |            |          |
| 15  | 36        | 20        |        | 21.42  | 21.59  | 21.55   |            |          |
| 15  | 36        | 39        |        | 21.47  | 21.64  | 21.49   |            |          |
| 15  | 75        | 0         |        | 21.47  | 21.41  | 21.38   |            |          |
| 15  | 1         | 0         | 64-QAM | 21.53  | 21.56  | 21.66   | 20.47      | 0.1114   |
| 15  | 1         | 37        |        | 21.72  | 21.75  | 21.76   |            |          |
| 15  | 1         | 74        |        | 21.53  | 21.52  | 21.56   |            |          |
| 15  | 36        | 0         |        | 20.36  | 20.45  | 20.42   |            |          |
| 15  | 36        | 20        |        | 20.46  | 20.61  | 20.56   |            |          |
| 15  | 36        | 39        |        | 20.52  | 20.48  | 20.56   |            |          |
| 15  | 75        | 0         |        | 20.54  | 20.56  | 20.48   |            |          |
| Limit   | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10  | 1         | 0         | QPSK   | 23.73  | 23.62  | 23.55   | 22.44      | 0.1754   |
| 10  | 1         | 25        |        | 23.61  | 23.66  | 23.66   |            |          |
| 10  | 1         | 49        |        | 23.50  | 23.51  | 23.38   |            |          |
| 10  | 25        | 0         |        | 22.67  | 22.65  | 22.59   |            |          |
| 10  | 25        | 12        |        | 22.48  | 22.64  | 22.47   |            |          |
| 10  | 25        | 25        |        | 22.42  | 22.52  | 22.50   |            |          |
| 10  | 50        | 0         |        | 22.49  | 22.51  | 22.48   |            |          |
| 10  | 1         | 0         | 16-QAM | 22.67  | 22.73  | 22.82   | 21.54      | 0.1426   |
| 10  | 1         | 25        |        | 22.79  | 22.83  | 22.71   |            |          |
| 10  | 1         | 49        |        | 22.62  | 22.57  | 22.46   |            |          |
| 10  | 25        | 0         |        | 21.37  | 21.47  | 21.46   |            |          |
| 10  | 25        | 12        |        | 21.49  | 21.61  | 21.52   |            |          |
| 10  | 25        | 25        |        | 21.40  | 21.61  | 21.57   |            |          |
| 10  | 50        | 0         |        | 21.50  | 21.53  | 21.53   |            |          |
| 10  | 1         | 0         | 64-QAM | 21.51  | 21.62  | 21.66   | 20.45      | 0.1109   |
| 10  | 1         | 25        |        | 21.74  | 21.63  | 21.67   |            |          |
| 10  | 1         | 49        |        | 21.48  | 21.44  | 21.43   |            |          |
| 10  | 25        | 0         |        | 20.52  | 20.62  | 20.48   |            |          |
| 10  | 25        | 12        |        | 20.46  | 20.47  | 20.57   |            |          |
| 10  | 25        | 25        |        | 20.38  | 20.57  | 20.52   |            |          |
| 10  | 50        | 0         |        | 20.45  | 20.56  | 20.59   |            |          |
| Limit   | EIRP < 1W |           |        | Result |        |         | Pass       |          |





| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5   | 1         | 0         | QPSK   | 23.65  | 23.73  | 23.54   | 22.44      | 0.1754   |
| 5   | 1         | 12        |        | 23.56  | 23.64  | 23.61   |            |          |
| 5   | 1         | 24        |        | 23.43  | 23.46  | 23.46   |            |          |
| 5   | 12        | 0         |        | 22.66  | 22.69  | 22.53   |            |          |
| 5   | 12        | 7         |        | 22.59  | 22.55  | 22.62   |            |          |
| 5   | 12        | 13        |        | 22.32  | 22.50  | 22.60   |            |          |
| 5   | 25        | 0         |        | 22.56  | 22.55  | 22.53   |            |          |
| 5   | 1         | 0         | 16-QAM | 22.66  | 22.59  | 22.67   | 21.50      | 0.1413   |
| 5   | 1         | 12        |        | 22.76  | 22.75  | 22.79   |            |          |
| 5   | 1         | 24        |        | 22.71  | 22.56  | 22.47   |            |          |
| 5   | 12        | 0         |        | 21.50  | 21.56  | 21.50   |            |          |
| 5   | 12        | 7         |        | 21.52  | 21.48  | 21.58   |            |          |
| 5   | 12        | 13        |        | 21.42  | 21.63  | 21.59   |            |          |
| 5   | 25        | 0         |        | 21.48  | 21.50  | 21.42   |            |          |
| 5   | 1         | 0         | 64-QAM | 21.50  | 21.57  | 21.61   | 20.49      | 0.1119   |
| 5   | 1         | 12        |        | 21.73  | 21.69  | 21.78   |            |          |
| 5   | 1         | 24        |        | 21.55  | 21.47  | 21.46   |            |          |
| 5   | 12        | 0         |        | 20.36  | 20.52  | 20.38   |            |          |
| 5   | 12        | 7         |        | 20.59  | 20.58  | 20.59   |            |          |
| 5   | 12        | 13        |        | 20.34  | 20.56  | 20.48   |            |          |
| 5   | 25        | 0         |        | 20.38  | 20.46  | 20.51   |            |          |
| Limit   | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3   | 1         | 0         | QPSK   | 23.64  | 23.76  | 23.71   | 22.47      | 0.1766   |
| 3   | 1         | 8         |        | 23.63  | 23.59  | 23.49   |            |          |
| 3   | 1         | 14        |        | 23.36  | 23.45  | 23.48   |            |          |
| 3   | 8         | 0         |        | 22.57  | 22.64  | 22.59   |            |          |
| 3   | 8         | 4         |        | 22.56  | 22.66  | 22.62   |            |          |
| 3   | 8         | 7         |        | 22.43  | 22.46  | 22.43   |            |          |
| 3   | 15        | 0         |        | 22.41  | 22.53  | 22.43   |            |          |
| 3   | 1         | 0         | 16-QAM | 22.67  | 22.62  | 22.70   | 21.55      | 0.1429   |
| 3   | 1         | 8         |        | 22.67  | 22.79  | 22.84   |            |          |
| 3   | 1         | 14        |        | 22.68  | 22.61  | 22.65   |            |          |
| 3   | 8         | 0         |        | 21.35  | 21.46  | 21.46   |            |          |
| 3   | 8         | 4         |        | 21.61  | 21.44  | 21.44   |            |          |
| 3   | 8         | 7         |        | 21.33  | 21.51  | 21.54   |            |          |
| 3   | 15        | 0         |        | 21.41  | 21.54  | 21.51   |            |          |
| 3   | 1         | 0         | 64-QAM | 21.49  | 21.54  | 21.71   | 20.42      | 0.1102   |
| 3   | 1         | 8         |        | 21.59  | 21.66  | 21.60   |            |          |
| 3   | 1         | 14        |        | 21.56  | 21.52  | 21.46   |            |          |
| 3   | 8         | 0         |        | 20.35  | 20.61  | 20.36   |            |          |
| 3   | 8         | 4         |        | 20.57  | 20.58  | 20.51   |            |          |
| 3   | 8         | 7         |        | 20.52  | 20.56  | 20.42   |            |          |
| 3   | 15        | 0         |        | 20.49  | 20.37  | 20.47   |            |          |
| Limit   | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4   | 1         | 0         | QPSK   | 23.46  | 23.53  | 23.54   | 22.26      | 0.1683   |
| 1.4   | 1         | 3         |        | 23.48  | 23.55  | 23.55   |            |          |
| 1.4   | 1         | 5         |        | 23.46  | 23.53  | 23.53   |            |          |
| 1.4   | 3         | 0         |        | 23.47  | 23.55  | 23.51   |            |          |
| 1.4   | 3         | 1         |        | 23.48  | 23.55  | 23.52   |            |          |
| 1.4   | 3         | 3         |        | 23.49  | 23.54  | 23.51   |            |          |
| 1.4   | 6         | 0         |        | 22.47  | 22.55  | 22.50   |            |          |
| 1.4   | 1         | 0         | 16-QAM | 22.66  | 22.79  | 22.74   | 21.52      | 0.1419   |
| 1.4   | 1         | 3         |        | 22.68  | 22.81  | 22.76   |            |          |
| 1.4   | 1         | 5         |        | 22.67  | 22.78  | 22.74   |            |          |
| 1.4   | 3         | 0         |        | 22.47  | 22.55  | 22.49   |            |          |
| 1.4   | 3         | 1         |        | 22.48  | 22.55  | 22.51   |            |          |
| 1.4   | 3         | 3         |        | 22.45  | 22.50  | 22.49   |            |          |
| 1.4   | 6         | 0         |        | 21.65  | 21.61  | 21.54   |            |          |
| 1.4   | 1         | 0         | 64-QAM | 21.71  | 21.67  | 21.62   | 20.42      | 0.1102   |
| 1.4   | 1         | 3         |        | 21.71  | 21.64  | 21.61   |            |          |
| 1.4   | 1         | 5         |        | 21.71  | 21.66  | 21.62   |            |          |
| 1.4   | 3         | 0         |        | 21.69  | 21.65  | 21.57   |            |          |
| 1.4   | 3         | 1         |        | 21.69  | 21.63  | 21.57   |            |          |
| 1.4   | 3         | 3         |        | 21.69  | 21.60  | 21.57   |            |          |
| 1.4   | 6         | 0         |        | 20.58  | 20.65  | 20.59   |            |          |
| Limit   | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.95 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20   | 1         | 0         | QPSK   | 23.50  | 23.46  | 23.41   | 25.45      | 0.3508   |
| 20   | 1         | 49        |        | 23.48  | 23.44  | 23.40   |            |          |
| 20   | 1         | 99        |        | 23.49  | 23.43  | 23.39   |            |          |
| 20   | 50        | 0         |        | 22.51  | 22.49  | 22.50   |            |          |
| 20   | 50        | 24        |        | 22.46  | 22.45  | 22.46   |            |          |
| 20   | 50        | 50        |        | 22.46  | 22.49  | 22.48   |            |          |
| 20   | 100       | 0         |        | 22.49  | 22.45  | 22.46   |            |          |
| 20   | 1         | 0         | 16-QAM | 22.57  | 22.60  | 22.54   | 24.72      | 0.2965   |
| 20   | 1         | 49        |        | 22.76  | 22.75  | 22.74   |            |          |
| 20   | 1         | 99        |        | 22.77  | 22.73  | 22.69   |            |          |
| 20   | 50        | 0         |        | 21.40  | 21.45  | 21.48   |            |          |
| 20   | 50        | 24        |        | 21.43  | 21.45  | 21.52   |            |          |
| 20   | 50        | 50        |        | 21.56  | 21.45  | 21.45   |            |          |
| 20   | 100       | 0         |        | 21.43  | 21.43  | 21.46   |            |          |
| 20   | 1         | 0         | 64-QAM | 21.45  | 21.47  | 21.40   | 23.60      | 0.2291   |
| 20   | 1         | 49        |        | 21.61  | 21.61  | 21.65   |            |          |
| 20   | 1         | 99        |        | 21.62  | 21.60  | 21.58   |            |          |
| 20   | 50        | 0         |        | 20.39  | 20.46  | 20.46   |            |          |
| 20   | 50        | 24        |        | 20.47  | 20.42  | 20.51   |            |          |
| 20   | 50        | 50        |        | 20.56  | 20.42  | 20.47   |            |          |
| 20   | 100       | 0         |        | 20.44  | 20.41  | 20.45   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.95 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15   | 1         | 0         | QPSK   | 23.47  | 23.43  | 23.37   | 25.42      | 0.3483   |
| 15   | 1         | 37        |        | 23.39  | 23.43  | 23.23   |            |          |
| 15   | 1         | 74        |        | 23.47  | 23.42  | 23.31   |            |          |
| 15   | 36        | 0         |        | 22.48  | 22.42  | 22.34   |            |          |
| 15   | 36        | 20        |        | 22.32  | 22.36  | 22.30   |            |          |
| 15   | 36        | 39        |        | 22.28  | 22.49  | 22.40   |            |          |
| 15   | 75        | 0         |        | 22.45  | 22.26  | 22.30   |            |          |
| 15   | 1         | 0         | 16-QAM | 22.39  | 22.53  | 22.47   | 24.64      | 0.2911   |
| 15   | 1         | 37        |        | 22.64  | 22.57  | 22.68   |            |          |
| 15   | 1         | 74        |        | 22.66  | 22.69  | 22.55   |            |          |
| 15   | 36        | 0         |        | 21.33  | 21.34  | 21.43   |            |          |
| 15   | 36        | 20        |        | 21.40  | 21.32  | 21.35   |            |          |
| 15   | 36        | 39        |        | 21.53  | 21.42  | 21.42   |            |          |
| 15   | 75        | 0         |        | 21.30  | 21.43  | 21.30   |            |          |
| 15   | 1         | 0         | 64-QAM | 21.38  | 21.40  | 21.27   | 23.54      | 0.2259   |
| 15   | 1         | 37        |        | 21.59  | 21.51  | 21.54   |            |          |
| 15   | 1         | 74        |        | 21.47  | 21.51  | 21.42   |            |          |
| 15   | 36        | 0         |        | 20.29  | 20.27  | 20.30   |            |          |
| 15   | 36        | 20        |        | 20.31  | 20.39  | 20.40   |            |          |
| 15   | 36        | 39        |        | 20.44  | 20.30  | 20.31   |            |          |
| 15   | 75        | 0         |        | 20.25  | 20.41  | 20.44   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.95 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10   | 1         | 0         | QPSK   | 23.43  | 23.38  | 23.40   | 25.38      | 0.3451   |
| 10   | 1         | 25        |        | 23.29  | 23.31  | 23.25   |            |          |
| 10   | 1         | 49        |        | 23.34  | 23.42  | 23.29   |            |          |
| 10   | 25        | 0         |        | 22.38  | 22.31  | 22.30   |            |          |
| 10   | 25        | 12        |        | 22.26  | 22.33  | 22.40   |            |          |
| 10   | 25        | 25        |        | 22.42  | 22.43  | 22.35   |            |          |
| 10   | 50        | 0         |        | 22.39  | 22.38  | 22.45   |            |          |
| 10   | 1         | 0         | 16-QAM | 22.57  | 22.47  | 22.38   | 24.68      | 0.2938   |
| 10   | 1         | 25        |        | 22.64  | 22.60  | 22.63   |            |          |
| 10   | 1         | 49        |        | 22.68  | 22.73  | 22.69   |            |          |
| 10   | 25        | 0         |        | 21.28  | 21.45  | 21.41   |            |          |
| 10   | 25        | 12        |        | 21.30  | 21.33  | 21.41   |            |          |
| 10   | 25        | 25        |        | 21.53  | 21.38  | 21.27   |            |          |
| 10   | 50        | 0         |        | 21.41  | 21.25  | 21.44   |            |          |
| 10   | 1         | 0         | 64-QAM | 21.36  | 21.32  | 21.35   | 23.54      | 0.2259   |
| 10   | 1         | 25        |        | 21.53  | 21.49  | 21.47   |            |          |
| 10   | 1         | 49        |        | 21.59  | 21.46  | 21.43   |            |          |
| 10   | 25        | 0         |        | 20.26  | 20.43  | 20.33   |            |          |
| 10   | 25        | 12        |        | 20.40  | 20.41  | 20.47   |            |          |
| 10   | 25        | 25        |        | 20.55  | 20.29  | 20.28   |            |          |
| 10   | 50        | 0         |        | 20.30  | 20.36  | 20.35   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.95 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5  | 1         | 0         | QPSK   | 23.48  | 23.42  | 23.28   | 25.43      | 0.3491   |
| 5  | 1         | 12        |        | 23.30  | 23.29  | 23.35   |            |          |
| 5  | 1         | 24        |        | 23.43  | 23.25  | 23.30   |            |          |
| 5  | 12        | 0         |        | 22.44  | 22.45  | 22.36   |            |          |
| 5  | 12        | 7         |        | 22.35  | 22.36  | 22.39   |            |          |
| 5  | 12        | 13        |        | 22.43  | 22.37  | 22.33   |            |          |
| 5  | 25        | 0         |        | 22.46  | 22.34  | 22.36   |            |          |
| 5  | 1         | 0         | 16-QAM | 22.43  | 22.43  | 22.41   | 24.70      | 0.2951   |
| 5  | 1         | 12        |        | 22.66  | 22.62  | 22.54   |            |          |
| 5  | 1         | 24        |        | 22.75  | 22.59  | 22.59   |            |          |
| 5  | 12        | 0         |        | 21.21  | 21.37  | 21.44   |            |          |
| 5  | 12        | 7         |        | 21.41  | 21.35  | 21.49   |            |          |
| 5  | 12        | 13        |        | 21.45  | 21.39  | 21.34   |            |          |
| 5  | 25        | 0         |        | 21.34  | 21.42  | 21.46   |            |          |
| 5  | 1         | 0         | 64-QAM | 21.25  | 21.39  | 21.29   | 23.52      | 0.2249   |
| 5  | 1         | 12        |        | 21.47  | 21.53  | 21.53   |            |          |
| 5  | 1         | 24        |        | 21.46  | 21.57  | 21.50   |            |          |
| 5  | 12        | 0         |        | 20.27  | 20.41  | 20.44   |            |          |
| 5  | 12        | 7         |        | 20.43  | 20.31  | 20.40   |            |          |
| 5  | 12        | 13        |        | 20.50  | 20.22  | 20.27   |            |          |
| 5  | 25        | 0         |        | 20.43  | 20.33  | 20.26   |            |          |
| Limit  | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.84 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20  | 1         | 0         | QPSK   | 22.61  | 22.64  | 22.67   | 24.51      | 0.2825   |
| 20  | 1         | 49        |        | 22.54  | 22.47  | 22.46   |            |          |
| 20  | 1         | 99        |        | 22.55  | 22.63  | 22.58   |            |          |
| 20  | 50        | 0         |        | 21.62  | 21.62  | 21.72   |            |          |
| 20  | 50        | 24        |        | 21.55  | 21.55  | 21.65   |            |          |
| 20  | 50        | 50        |        | 21.56  | 21.57  | 21.61   |            |          |
| 20  | 100       | 0         |        | 21.56  | 21.54  | 21.61   |            |          |
| 20  | 1         | 0         | 16-QAM | 21.61  | 21.73  | 21.74   | 23.58      | 0.2280   |
| 20  | 1         | 49        |        | 21.59  | 21.66  | 21.60   |            |          |
| 20  | 1         | 99        |        | 21.60  | 21.60  | 21.70   |            |          |
| 20  | 50        | 0         |        | 20.63  | 20.55  | 20.67   |            |          |
| 20  | 50        | 24        |        | 20.53  | 20.56  | 20.71   |            |          |
| 20  | 50        | 50        |        | 20.61  | 20.58  | 20.63   |            |          |
| 20  | 100       | 0         |        | 20.31  | 20.36  | 20.23   |            |          |
| 20  | 1         | 0         | 64-QAM | 20.42  | 20.37  | 20.47   | 22.45      | 0.1758   |
| 20  | 1         | 49        |        | 20.24  | 20.36  | 20.30   |            |          |
| 20  | 1         | 99        |        | 20.48  | 20.60  | 20.61   |            |          |
| 20  | 50        | 0         |        | 19.57  | 19.65  | 19.59   |            |          |
| 20  | 50        | 24        |        | 19.57  | 19.51  | 19.58   |            |          |
| 20  | 50        | 50        |        | 19.55  | 19.57  | 19.62   |            |          |
| 20  | 100       | 0         |        | 19.54  | 19.54  | 19.55   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |





| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.84 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15  | 1         | 0         | QPSK   | 22.57  | 22.64  | 22.59   | 24.48      | 0.2805   |
| 15  | 1         | 37        |        | 22.47  | 22.37  | 22.36   |            |          |
| 15  | 1         | 74        |        | 22.47  | 22.62  | 22.50   |            |          |
| 15  | 36        | 0         |        | 21.56  | 21.54  | 21.71   |            |          |
| 15  | 36        | 20        |        | 21.48  | 21.53  | 21.59   |            |          |
| 15  | 36        | 39        |        | 21.53  | 21.57  | 21.57   |            |          |
| 15  | 75        | 0         |        | 21.53  | 21.46  | 21.48   |            |          |
| 15  | 1         | 0         | 16-QAM | 21.51  | 21.63  | 21.70   | 23.54      | 0.2259   |
| 15  | 1         | 37        |        | 21.49  | 21.57  | 21.54   |            |          |
| 15  | 1         | 74        |        | 21.56  | 21.57  | 21.67   |            |          |
| 15  | 36        | 0         |        | 20.63  | 20.53  | 20.59   |            |          |
| 15  | 36        | 20        |        | 20.43  | 20.46  | 20.63   |            |          |
| 15  | 36        | 39        |        | 20.56  | 20.57  | 20.54   |            |          |
| 15  | 75        | 0         |        | 20.21  | 20.28  | 20.14   |            |          |
| 15  | 1         | 0         | 64-QAM | 20.32  | 20.33  | 20.38   | 22.45      | 0.1758   |
| 15  | 1         | 37        |        | 20.23  | 20.35  | 20.28   |            |          |
| 15  | 1         | 74        |        | 20.44  | 20.58  | 20.61   |            |          |
| 15  | 36        | 0         |        | 19.54  | 19.56  | 19.57   |            |          |
| 15  | 36        | 20        |        | 19.56  | 19.43  | 19.48   |            |          |
| 15  | 36        | 39        |        | 19.46  | 19.50  | 19.56   |            |          |
| 15  | 75        | 0         |        | 19.50  | 19.45  | 19.47   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.84 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10  | 1         | 0         | QPSK   | 22.53  | 22.58  | 22.62   | 24.46      | 0.2793   |
| 10  | 1         | 25        |        | 22.49  | 22.41  | 22.39   |            |          |
| 10  | 1         | 49        |        | 22.54  | 22.61  | 22.50   |            |          |
| 10  | 25        | 0         |        | 21.53  | 21.61  | 21.72   |            |          |
| 10  | 25        | 12        |        | 21.50  | 21.47  | 21.55   |            |          |
| 10  | 25        | 25        |        | 21.51  | 21.49  | 21.59   |            |          |
| 10  | 50        | 0         |        | 21.48  | 21.47  | 21.45   |            |          |
| 10  | 1         | 0         | 16-QAM | 21.51  | 21.66  | 21.69   | 23.54      | 0.2259   |
| 10  | 1         | 25        |        | 21.50  | 21.59  | 21.56   |            |          |
| 10  | 1         | 49        |        | 21.58  | 21.59  | 21.70   |            |          |
| 10  | 25        | 0         |        | 20.62  | 20.55  | 20.67   |            |          |
| 10  | 25        | 12        |        | 20.50  | 20.52  | 20.70   |            |          |
| 10  | 25        | 25        |        | 20.60  | 20.52  | 20.62   |            |          |
| 10  | 50        | 0         |        | 20.30  | 20.28  | 20.16   |            |          |
| 10  | 1         | 0         | 64-QAM | 20.42  | 20.28  | 20.46   | 22.38      | 0.1730   |
| 10  | 1         | 25        |        | 20.22  | 20.35  | 20.29   |            |          |
| 10  | 1         | 49        |        | 20.41  | 20.54  | 20.51   |            |          |
| 10  | 25        | 0         |        | 19.53  | 19.58  | 19.56   |            |          |
| 10  | 25        | 12        |        | 19.52  | 19.45  | 19.56   |            |          |
| 10  | 25        | 25        |        | 19.55  | 19.50  | 19.53   |            |          |
| 10  | 50        | 0         |        | 19.45  | 19.44  | 19.54   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.84 dB) |           |           |        |        |        |         |            |          |
|---|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5   | 1         | 0         | QPSK   | 22.59  | 22.58  | 22.66   | 24.50      | 0.2818   |
| 5   | 1         | 12        |        | 22.54  | 22.38  | 22.40   |            |          |
| 5   | 1         | 24        |        | 22.49  | 22.59  | 22.54   |            |          |
| 5   | 12        | 0         |        | 21.59  | 21.52  | 21.70   |            |          |
| 5   | 12        | 7         |        | 21.47  | 21.45  | 21.61   |            |          |
| 5   | 12        | 13        |        | 21.47  | 21.48  | 21.59   |            |          |
| 5   | 25        | 0         |        | 21.50  | 21.53  | 21.44   |            |          |
| 5   | 1         | 0         | 16-QAM | 21.58  | 21.68  | 21.71   | 23.55      | 0.2265   |
| 5   | 1         | 12        |        | 21.54  | 21.61  | 21.58   |            |          |
| 5   | 1         | 24        |        | 21.54  | 21.58  | 21.68   |            |          |
| 5   | 12        | 0         |        | 20.54  | 20.51  | 20.66   |            |          |
| 5   | 12        | 7         |        | 20.52  | 20.51  | 20.71   |            |          |
| 5   | 12        | 13        |        | 20.51  | 20.50  | 20.61   |            |          |
| 5   | 25        | 0         |        | 20.26  | 20.28  | 20.13   |            |          |
| 5   | 1         | 0         | 64-QAM | 20.41  | 20.31  | 20.44   | 22.43      | 0.1750   |
| 5   | 1         | 12        |        | 20.16  | 20.34  | 20.25   |            |          |
| 5   | 1         | 24        |        | 20.43  | 20.59  | 20.53   |            |          |
| 5   | 12        | 0         |        | 19.48  | 19.65  | 19.53   |            |          |
| 5   | 12        | 7         |        | 19.47  | 19.41  | 19.57   |            |          |
| 5   | 12        | 13        |        | 19.45  | 19.54  | 19.55   |            |          |
| 5   | 25        | 0         |        | 19.51  | 19.47  | 19.54   |            |          |
| Limit   | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20   | 1         | 0         | QPSK   | 23.62  | 23.67  | 23.57   | 22.38      | 0.1730   |
| 20   | 1         | 49        |        | 23.58  | 23.59  | 23.50   |            |          |
| 20   | 1         | 99        |        | 23.41  | 23.42  | 23.31   |            |          |
| 20   | 50        | 0         |        | 22.57  | 22.62  | 22.55   |            |          |
| 20   | 50        | 24        |        | 22.56  | 22.58  | 22.50   |            |          |
| 20   | 50        | 50        |        | 22.56  | 22.44  | 22.39   |            |          |
| 20   | 100       | 0         |        | 22.50  | 22.53  | 22.45   |            |          |
| 20   | 1         | 0         | 16-QAM | 22.60  | 22.73  | 22.69   | 21.48      | 0.1406   |
| 20   | 1         | 49        |        | 22.74  | 22.77  | 22.67   |            |          |
| 20   | 1         | 99        |        | 22.62  | 22.61  | 22.48   |            |          |
| 20   | 50        | 0         |        | 21.53  | 21.58  | 21.42   |            |          |
| 20   | 50        | 24        |        | 21.48  | 21.57  | 21.47   |            |          |
| 20   | 50        | 50        |        | 21.52  | 21.39  | 21.41   |            |          |
| 20   | 100       | 0         |        | 21.47  | 21.50  | 21.42   |            |          |
| 20   | 1         | 0         | 64-QAM | 21.55  | 21.64  | 21.59   | 20.39      | 0.1094   |
| 20   | 1         | 49        |        | 21.64  | 21.68  | 21.58   |            |          |
| 20   | 1         | 99        |        | 21.51  | 21.47  | 21.41   |            |          |
| 20   | 50        | 0         |        | 20.51  | 20.51  | 20.46   |            |          |
| 20   | 50        | 24        |        | 20.53  | 20.56  | 20.48   |            |          |
| 20   | 50        | 50        |        | 20.50  | 20.41  | 20.33   |            |          |
| 20   | 100       | 0         |        | 20.48  | 20.49  | 20.40   |            |          |
| Limit  | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15   | 1         | 0         | QPSK   | 23.60  | 23.64  | 23.43   | 22.35      | 0.1718   |
| 15   | 1         | 37        |        | 23.53  | 23.57  | 23.43   |            |          |
| 15   | 1         | 74        |        | 23.33  | 23.42  | 23.14   |            |          |
| 15   | 36        | 0         |        | 22.49  | 22.62  | 22.35   |            |          |
| 15   | 36        | 20        |        | 22.49  | 22.45  | 22.37   |            |          |
| 15   | 36        | 39        |        | 22.42  | 22.36  | 22.37   |            |          |
| 15   | 75        | 0         |        | 22.42  | 22.33  | 22.36   |            |          |
| 15   | 1         | 0         | 16-QAM | 22.52  | 22.63  | 22.53   | 21.44      | 0.1393   |
| 15   | 1         | 37        |        | 22.55  | 22.73  | 22.63   |            |          |
| 15   | 1         | 74        |        | 22.53  | 22.53  | 22.48   |            |          |
| 15   | 36        | 0         |        | 21.41  | 21.49  | 21.29   |            |          |
| 15   | 36        | 20        |        | 21.28  | 21.41  | 21.37   |            |          |
| 15   | 36        | 39        |        | 21.43  | 21.20  | 21.35   |            |          |
| 15   | 75        | 0         |        | 21.46  | 21.31  | 21.22   |            |          |
| 15   | 1         | 0         | 64-QAM | 21.41  | 21.51  | 21.59   | 20.30      | 0.1072   |
| 15   | 1         | 37        |        | 21.48  | 21.56  | 21.49   |            |          |
| 15   | 1         | 74        |        | 21.50  | 21.46  | 21.39   |            |          |
| 15   | 36        | 0         |        | 20.50  | 20.48  | 20.36   |            |          |
| 15   | 36        | 20        |        | 20.33  | 20.41  | 20.44   |            |          |
| 15   | 36        | 39        |        | 20.47  | 20.36  | 20.14   |            |          |
| 15   | 75        | 0         |        | 20.42  | 20.41  | 20.37   |            |          |
| Limit  | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10   | 1         | 0         | QPSK   | 23.56  | 23.57  | 23.52   | 22.28      | 0.1690   |
| 10   | 1         | 25        |        | 23.48  | 23.51  | 23.38   |            |          |
| 10   | 1         | 49        |        | 23.23  | 23.22  | 23.19   |            |          |
| 10   | 25        | 0         |        | 22.50  | 22.57  | 22.36   |            |          |
| 10   | 25        | 12        |        | 22.55  | 22.38  | 22.31   |            |          |
| 10   | 25        | 25        |        | 22.56  | 22.42  | 22.37   |            |          |
| 10   | 50        | 0         |        | 22.35  | 22.43  | 22.41   |            |          |
| 10   | 1         | 0         | 16-QAM | 22.56  | 22.55  | 22.52   | 21.43      | 0.1390   |
| 10   | 1         | 25        |        | 22.60  | 22.72  | 22.52   |            |          |
| 10   | 1         | 49        |        | 22.54  | 22.52  | 22.31   |            |          |
| 10   | 25        | 0         |        | 21.34  | 21.41  | 21.34   |            |          |
| 10   | 25        | 12        |        | 21.37  | 21.57  | 21.33   |            |          |
| 10   | 25        | 25        |        | 21.40  | 21.34  | 21.38   |            |          |
| 10   | 50        | 0         |        | 21.39  | 21.32  | 21.33   |            |          |
| 10   | 1         | 0         | 64-QAM | 21.54  | 21.49  | 21.42   | 20.25      | 0.1059   |
| 10   | 1         | 25        |        | 21.50  | 21.51  | 21.38   |            |          |
| 10   | 1         | 49        |        | 21.36  | 21.29  | 21.36   |            |          |
| 10   | 25        | 0         |        | 20.41  | 20.41  | 20.34   |            |          |
| 10   | 25        | 12        |        | 20.37  | 20.49  | 20.44   |            |          |
| 10   | 25        | 25        |        | 20.49  | 20.37  | 20.16   |            |          |
| 10   | 50        | 0         |        | 20.36  | 20.30  | 20.36   |            |          |
| Limit  | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5  | 1         | 0         | QPSK   | 23.42  | 23.55  | 23.54   | 22.26      | 0.1683   |
| 5  | 1         | 12        |        | 23.47  | 23.45  | 23.43   |            |          |
| 5  | 1         | 24        |        | 23.35  | 23.23  | 23.21   |            |          |
| 5  | 12        | 0         |        | 22.44  | 22.49  | 22.51   |            |          |
| 5  | 12        | 7         |        | 22.52  | 22.38  | 22.43   |            |          |
| 5  | 12        | 13        |        | 22.53  | 22.28  | 22.34   |            |          |
| 5  | 25        | 0         |        | 22.49  | 22.46  | 22.40   |            |          |
| 5  | 1         | 0         | 16-QAM | 22.56  | 22.69  | 22.56   | 21.46      | 0.1400   |
| 5  | 1         | 12        |        | 22.71  | 22.75  | 22.53   |            |          |
| 5  | 1         | 24        |        | 22.60  | 22.42  | 22.31   |            |          |
| 5  | 12        | 0         |        | 21.36  | 21.46  | 21.23   |            |          |
| 5  | 12        | 7         |        | 21.37  | 21.48  | 21.39   |            |          |
| 5  | 12        | 13        |        | 21.35  | 21.26  | 21.27   |            |          |
| 5  | 25        | 0         |        | 21.36  | 21.39  | 21.27   |            |          |
| 5  | 1         | 0         | 64-QAM | 21.41  | 21.50  | 21.52   | 20.32      | 0.1076   |
| 5  | 1         | 12        |        | 21.52  | 21.61  | 21.48   |            |          |
| 5  | 1         | 24        |        | 21.49  | 21.27  | 21.22   |            |          |
| 5  | 12        | 0         |        | 20.42  | 20.31  | 20.34   |            |          |
| 5  | 12        | 7         |        | 20.38  | 20.42  | 20.28   |            |          |
| 5  | 12        | 13        |        | 20.44  | 20.25  | 20.32   |            |          |
| 5  | 25        | 0         |        | 20.37  | 20.33  | 20.27   |            |          |
| Limit  | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3  | 1         | 0         | QPSK   | 23.52  | 23.60  | 23.55   | 22.31      | 0.1702   |
| 3  | 1         | 8         |        | 23.50  | 23.40  | 23.43   |            |          |
| 3  | 1         | 14        |        | 23.35  | 23.23  | 23.20   |            |          |
| 3  | 8         | 0         |        | 22.38  | 22.58  | 22.36   |            |          |
| 3  | 8         | 4         |        | 22.45  | 22.53  | 22.33   |            |          |
| 3  | 8         | 7         |        | 22.42  | 22.44  | 22.19   |            |          |
| 3  | 15        | 0         |        | 22.38  | 22.34  | 22.25   |            |          |
| 3  | 1         | 0         | 16-QAM | 22.56  | 22.65  | 22.69   | 21.46      | 0.1400   |
| 3  | 1         | 8         |        | 22.66  | 22.75  | 22.54   |            |          |
| 3  | 1         | 14        |        | 22.51  | 22.51  | 22.32   |            |          |
| 3  | 8         | 0         |        | 21.43  | 21.51  | 21.39   |            |          |
| 3  | 8         | 4         |        | 21.34  | 21.37  | 21.43   |            |          |
| 3  | 8         | 7         |        | 21.33  | 21.23  | 21.28   |            |          |
| 3  | 15        | 0         |        | 21.33  | 21.33  | 21.41   |            |          |
| 3  | 1         | 0         | 64-QAM | 21.36  | 21.62  | 21.55   | 20.33      | 0.1079   |
| 3  | 1         | 8         |        | 21.44  | 21.59  | 21.42   |            |          |
| 3  | 1         | 14        |        | 21.44  | 21.43  | 21.34   |            |          |
| 3  | 8         | 0         |        | 20.51  | 20.33  | 20.31   |            |          |
| 3  | 8         | 4         |        | 20.37  | 20.46  | 20.47   |            |          |
| 3  | 8         | 7         |        | 20.38  | 20.29  | 20.26   |            |          |
| 3  | 15        | 0         |        | 20.30  | 20.45  | 20.34   |            |          |
| Limit  | EIRP < 1W |           |        | Result |        |         | Pass       |          |





| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |        |        |        |         |            |          |
|--|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4  | 1         | 0         | QPSK   | 23.38  | 23.45  | 23.32   | 22.18      | 0.1652   |
| 1.4  | 1         | 3         |        | 23.39  | 23.47  | 23.35   |            |          |
| 1.4  | 1         | 5         |        | 23.37  | 23.43  | 23.32   |            |          |
| 1.4  | 3         | 0         |        | 23.37  | 23.47  | 23.36   |            |          |
| 1.4  | 3         | 1         |        | 23.37  | 23.47  | 23.37   |            |          |
| 1.4  | 3         | 3         |        | 23.37  | 23.44  | 23.36   |            |          |
| 1.4  | 6         | 0         |        | 22.35  | 22.44  | 22.34   |            |          |
| 1.4  | 1         | 0         | 16-QAM | 22.60  | 22.69  | 22.58   | 21.40      | 0.1380   |
| 1.4  | 1         | 3         |        | 22.62  | 22.69  | 22.61   |            |          |
| 1.4  | 1         | 5         |        | 22.61  | 22.69  | 22.58   |            |          |
| 1.4  | 3         | 0         |        | 22.36  | 22.45  | 22.36   |            |          |
| 1.4  | 3         | 1         |        | 22.36  | 22.45  | 22.35   |            |          |
| 1.4  | 3         | 3         |        | 22.35  | 22.42  | 22.33   |            |          |
| 1.4  | 6         | 0         |        | 21.40  | 21.48  | 21.40   |            |          |
| 1.4  | 1         | 0         | 64-QAM | 21.51  | 21.56  | 21.47   | 20.27      | 0.1064   |
| 1.4  | 1         | 3         |        | 21.52  | 21.55  | 21.46   |            |          |
| 1.4  | 1         | 5         |        | 21.51  | 21.55  | 21.45   |            |          |
| 1.4  | 3         | 0         |        | 21.45  | 21.52  | 21.44   |            |          |
| 1.4  | 3         | 1         |        | 21.47  | 21.53  | 21.44   |            |          |
| 1.4  | 3         | 3         |        | 21.46  | 21.50  | 21.43   |            |          |
| 1.4  | 6         | 0         |        | 20.48  | 20.55  | 20.44   |            |          |
| Limit  | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.76 dB) |           |           |         |           |        |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+20   | 100       | 0         | 100     | 0         | QPSK   | 19.85  | 18.65  | 19.98   | 23.58      | 0.2280   |
| 20+20   | 1         | 0         | 1       | 99        |        | 12.70  | 12.49  | 12.72   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |        | 21.82  | 21.59  | 21.73   |            |          |
| 20+20   | 100       | 0         | 100     | 0         | 16-QAM | 19.07  | 18.86  | 19.07   | 22.57      | 0.1807   |
| 20+20   | 1         | 0         | 1       | 99        |        | 12.71  | 12.47  | 12.76   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |        | 20.81  | 20.64  | 20.74   |            |          |
| 20+20   | 100       | 0         | 100     | 0         | 64-QAM | 18.99  | 18.82  | 19.02   | 20.78      | 0.1197   |
| 20+20   | 1         | 0         | 1       | 99        |        | 12.73  | 12.49  | 12.71   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |        | 18.91  | 18.76  | 18.84   |            |          |
| 20+15   | 100       | 0         | 75      | 0         | QPSK   | 19.89  | 19.67  | 19.88   | 23.66      | 0.2323   |
| 20+15   | 1         | 0         | 1       | 74        |        | 12.92  | 12.78  | 12.97   |            |          |
| 20+15   | 1         | 99        | 1       | 0         |        | 21.89  | 21.61  | 21.90   |            |          |
| 20+15   | 100       | 0         | 75      | 0         | 16-QAM | 19.12  | 18.89  | 19.06   | 22.69      | 0.1858   |
| 20+15   | 1         | 0         | 1       | 74        |        | 13.00  | 12.82  | 13.01   |            |          |
| 20+15   | 1         | 99        | 1       | 0         |        | 20.92  | 20.68  | 20.93   |            |          |
| 20+15   | 100       | 0         | 75      | 0         | 64-QAM | 19.11  | 18.85  | 19.05   | 20.87      | 0.1222   |
| 20+15   | 1         | 0         | 1       | 74        |        | 12.96  | 12.81  | 13.02   |            |          |
| 20+15   | 1         | 99        | 1       | 0         |        | 19.01  | 18.81  | 19.02   |            |          |
| 15+20   | 75        | 0         | 100     | 0         | QPSK   | 19.84  | 19.61  | 18.89   | 23.52      | 0.2249   |
| 15+20   | 1         | 0         | 1       | 99        |        | 12.78  | 12.77  | 12.93   |            |          |
| 15+20   | 1         | 74        | 1       | 0         |        | 21.76  | 21.56  | 20.79   |            |          |
| 15+20   | 75        | 0         | 100     | 0         | 16-QAM | 18.96  | 18.77  | 18.87   | 22.64      | 0.1837   |
| 15+20   | 1         | 0         | 1       | 99        |        | 12.89  | 12.68  | 12.86   |            |          |
| 15+20   | 1         | 74        | 1       | 0         |        | 20.88  | 20.50  | 18.83   |            |          |
| Limit   | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.76 dB) |           |           |         |           |        |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+10   | 100       | 0         | 50      | 0         | QPSK   | 19.71  | 18.74  | 18.90   | 23.52      | 0.2249   |
| 20+10   | 1         | 0         | 1       | 49        |        | 12.87  | 12.62  | 12.84   |            |          |
| 20+10   | 1         | 99        | 1       | 0         |        | 21.76  | 20.63  | 20.80   |            |          |
| 20+10   | 1         | 0         | 1       | 49        | 16-QAM | 12.94  | 12.80  | 12.92   | 22.62      | 0.1828   |
| 20+10   | 1         | 99        | 1       | 0         |        | 20.86  | 18.64  | 18.92   |            |          |
| 10+20   | 50        | 0         | 100     | 0         | QPSK   | 19.79  | 19.52  | 19.88   | 23.63      | 0.2307   |
| 10+20   | 1         | 0         | 1       | 99        |        | 12.83  | 12.64  | 12.92   |            |          |
| 10+20   | 1         | 49        | 1       | 0         |        | 21.84  | 21.49  | 21.87   |            |          |
| 10+20   | 1         | 0         | 1       | 99        | 16-QAM | 12.94  | 12.80  | 13.00   | 22.54      | 0.1795   |
| 10+20   | 1         | 49        | 1       | 0         |        | 20.77  | 20.54  | 20.78   |            |          |
| 20+5  | 100       | 0         | 25      | 0         | QPSK   | 19.85  | 19.64  | 19.85   | 23.52      | 0.2249   |
| 20+5  | 1         | 0         | 1       | 24        |        | 12.80  | 12.64  | 12.97   |            |          |
| 20+5  | 1         | 99        | 1       | 0         |        | 21.76  | 21.60  | 21.75   |            |          |
| 20+5  | 1         | 0         | 1       | 24        | 16-QAM | 12.96  | 12.76  | 12.93   | 22.55      | 0.1799   |
| 20+5  | 1         | 99        | 1       | 0         |        | 20.73  | 20.51  | 20.79   |            |          |
| Limit   | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.76 dB) |           |           |         |           |        |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 5+20  | 25        | 0         | 100     | 0         | QPSK   | 19.76  | 19.67  | 19.79   | 23.59      | 0.2286   |
| 5+20  | 1         | 0         | 1       | 99        |        | 12.90  | 12.73  | 12.91   |            |          |
| 5+20  | 1         | 24        | 1       | 0         |        | 21.73  | 21.50  | 21.83   |            |          |
| 5+20  | 1         | 0         | 1       | 99        | 16-QAM | 12.87  | 12.62  | 12.94   | 22.63      | 0.1832   |
| 5+20  | 1         | 24        | 1       | 0         |        | 20.87  | 20.53  | 20.75   |            |          |
| 15+10   | 75        | 0         | 50      | 0         | QPSK   | 19.69  | 19.61  | 19.79   | 23.59      | 0.2286   |
| 15+10   | 1         | 0         | 1       | 49        |        | 12.83  | 12.61  | 12.92   |            |          |
| 15+10   | 1         | 74        | 1       | 0         |        | 21.83  | 21.50  | 21.71   |            |          |
| 15+10   | 1         | 0         | 1       | 49        | 16-QAM | 12.85  | 12.70  | 12.82   | 22.58      | 0.1811   |
| 15+10   | 1         | 74        | 1       | 0         |        | 20.78  | 20.50  | 20.82   |            |          |
| 10+15   | 50        | 0         | 75      | 0         | QPSK   | 19.70  | 19.58  | 19.84   | 23.58      | 0.2280   |
| 10+15   | 1         | 0         | 1       | 74        |        | 12.83  | 12.61  | 12.96   |            |          |
| 10+15   | 1         | 49        | 1       | 0         |        | 21.80  | 21.60  | 21.82   |            |          |
| 10+15   | 1         | 0         | 1       | 74        | 16-QAM | 12.83  | 12.70  | 12.92   | 22.69      | 0.1858   |
| 10+15   | 1         | 49        | 1       | 0         |        | 20.85  | 20.49  | 20.93   |            |          |
| Limit   | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.76 dB) |           |           |         |           |        |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 15+15   | 75        | 0         | 75      | 0         | QPSK   | 19.70  | 18.84  | 18.86   | 23.45      | 0.2213   |
| 15+15   | 1         | 0         | 1       | 74        |        | 12.79  | 12.77  | 12.87   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |        | 21.69  | 20.49  | 20.89   |            |          |
| 15+15   | 1         | 0         | 1       | 74        | 16-QAM | 12.98  | 12.72  | 12.96   | 22.54      | 0.1795   |
| 15+15   | 1         | 74        | 1       | 0         |        | 20.78  | 18.68  | 18.90   |            |          |
| Limit   | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.76 dB) |           |           |         |           |        |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+20   | 100       | 0         | 100     | 0         | QPSK   | 24.34  | 24.33  | 24.40   | 28.08      | 0.6427   |
| 20+20   | 1         | 0         | 1       | 99        |        | 17.31  | 17.32  | 17.32   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |        | 26.24  | 26.24  | 26.32   |            |          |
| 20+20   | 100       | 0         | 100     | 0         | 16-QAM | 23.40  | 23.38  | 23.44   | 26.61      | 0.4581   |
| 20+20   | 1         | 0         | 1       | 99        |        | 17.30  | 17.35  | 17.40   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |        | 24.79  | 24.82  | 24.85   |            |          |
| 20+20   | 100       | 0         | 100     | 0         | 64-QAM | 23.39  | 23.39  | 23.45   | 25.21      | 0.3319   |
| 20+20   | 1         | 0         | 1       | 99        |        | 17.16  | 17.18  | 17.25   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |        | 23.16  | 23.14  | 23.20   |            |          |
| 20+15   | 100       | 0         | 75      | 0         | QPSK   | 24.63  | 24.65  | 24.54   | 28.07      | 0.6412   |
| 20+15   | 1         | 0         | 1       | 74        |        | 17.68  | 17.58  | 17.75   |            |          |
| 20+15   | 1         | 99        | 1       | 0         |        | 26.31  | 26.08  | 26.13   |            |          |
| 20+15   | 100       | 0         | 75      | 0         | 16-QAM | 23.69  | 23.61  | 23.63   | 26.88      | 0.4875   |
| 20+15   | 1         | 0         | 1       | 74        |        | 17.68  | 17.59  | 17.77   |            |          |
| 20+15   | 1         | 99        | 1       | 0         |        | 25.12  | 24.88  | 25.06   |            |          |
| 20+15   | 100       | 0         | 75      | 0         | 64-QAM | 23.67  | 23.57  | 23.60   | 25.43      | 0.3491   |
| 20+15   | 1         | 0         | 1       | 74        |        | 17.67  | 17.64  | 17.77   |            |          |
| 20+15   | 1         | 99        | 1       | 0         |        | 23.56  | 23.46  | 23.49   |            |          |
| 15+20   | 75        | 0         | 100     | 0         | QPSK   | 24.59  | 24.61  | 24.63   | 28.01      | 0.6324   |
| 15+20   | 1         | 0         | 1       | 99        |        | 17.67  | 17.61  | 17.74   |            |          |
| 15+20   | 1         | 74        | 1       | 0         |        | 26.25  | 26.24  | 26.14   |            |          |
| 15+20   | 75        | 0         | 100     | 0         | 16-QAM | 23.66  | 23.64  | 23.67   | 26.92      | 0.4920   |
| 15+20   | 1         | 0         | 1       | 99        |        | 17.72  | 17.65  | 17.83   |            |          |
| 15+20   | 1         | 74        | 1       | 0         |        | 25.13  | 25.14  | 25.16   |            |          |
| 15+20   | 75        | 0         | 100     | 0         | 64-QAM | 23.67  | 23.65  | 23.66   | 25.43      | 0.3491   |
| 15+20   | 1         | 0         | 1       | 99        |        | 17.68  | 17.61  | 17.76   |            |          |
| 15+20   | 1         | 74        | 1       | 0         |        | 23.55  | 23.56  | 23.58   |            |          |
| Limit   | EIRP < 2W |           |         |           | Result |        |        |         | Pass       |          |



| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.76 dB) |           |           |         |           |        |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+10   | 100       | 0         | 50      | 0         | QPSK   | 24.60  | 24.58  | 24.57   | 28.01      | 0.6324   |
| 20+10   | 1         | 0         | 1       | 49        |        | 17.62  | 17.63  | 17.76   |            |          |
| 20+10   | 1         | 99        | 1       | 0         |        | 26.25  | 24.23  | 26.06   |            |          |
| 20+10   | 100       | 0         | 50      | 0         | 16-QAM | 23.67  | 23.58  | 23.64   | 26.60      | 0.4571   |
| 20+10   | 1         | 0         | 1       | 49        |        | 17.53  | 17.57  | 17.69   |            |          |
| 20+10   | 1         | 99        | 1       | 0         |        | 24.84  | 24.69  | 24.77   |            |          |
| 20+10   | 100       | 0         | 50      | 0         | 64-QAM | 23.65  | 23.60  | 23.60   | 25.41      | 0.3475   |
| 20+10   | 1         | 0         | 1       | 49        |        | 18.09  | 17.68  | 17.79   |            |          |
| 20+10   | 1         | 99        | 1       | 0         |        | 23.44  | 23.34  | 23.37   |            |          |
| 10+20   | 50        | 0         | 100     | 0         | QPSK   | 24.59  | 24.67  | 24.64   | 28.03      | 0.6353   |
| 10+20   | 1         | 0         | 1       | 99        |        | 17.64  | 17.66  | 17.73   |            |          |
| 10+20   | 1         | 49        | 1       | 0         |        | 26.21  | 26.23  | 26.27   |            |          |
| 10+20   | 50        | 0         | 100     | 0         | 16-QAM | 23.64  | 23.65  | 23.68   | 26.70      | 0.4677   |
| 10+20   | 1         | 0         | 1       | 99        |        | 17.53  | 17.51  | 17.65   |            |          |
| 10+20   | 1         | 49        | 1       | 0         |        | 24.88  | 24.94  | 24.87   |            |          |
| 10+20   | 50        | 0         | 100     | 0         | 64-QAM | 23.62  | 23.67  | 23.67   | 25.43      | 0.3491   |
| 10+20   | 1         | 0         | 1       | 99        |        | 17.68  | 17.67  | 17.76   |            |          |
| 10+20   | 1         | 49        | 1       | 0         |        | 23.46  | 23.48  | 23.46   |            |          |
| 20+5  | 100       | 0         | 25      | 0         | QPSK   | 24.62  | 24.62  | 24.53   | 27.90      | 0.6166   |
| 20+5  | 1         | 0         | 1       | 24        |        | 17.78  | 17.89  | 17.82   |            |          |
| 20+5  | 1         | 99        | 1       | 0         |        | 26.14  | 22.33  | 25.89   |            |          |
| 20+5  | 100       | 0         | 25      | 0         | 16-QAM | 23.68  | 23.67  | 23.63   | 26.83      | 0.4819   |
| 20+5  | 1         | 0         | 1       | 24        |        | 17.78  | 17.86  | 17.86   |            |          |
| 20+5  | 1         | 99        | 1       | 0         |        | 25.07  | 22.37  | 25.03   |            |          |
| 20+5  | 100       | 0         | 25      | 0         | 64-QAM | 23.69  | 23.65  | 23.62   | 25.45      | 0.3508   |
| 20+5  | 1         | 0         | 1       | 24        |        | 17.80  | 17.84  | 17.51   |            |          |
| 20+5  | 1         | 99        | 1       | 0         |        | 23.42  | 22.34  | 23.37   |            |          |
| Limit   | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.76 dB) |           |           |         |           |        |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 5+20  | 25        | 0         | 100     | 0         | QPSK   | 24.36  | 24.72  | 24.52   | 28.00      | 0.6310   |
| 5+20  | 1         | 0         | 1       | 99        |        | 17.76  | 17.82  | 17.81   |            |          |
| 5+20  | 1         | 24        | 1       | 0         |        | 26.07  | 26.24  | 26.14   |            |          |
| 5+20  | 25        | 0         | 100     | 0         | 16-QAM | 23.63  | 23.78  | 23.75   | 26.86      | 0.4853   |
| 5+20  | 1         | 0         | 1       | 99        |        | 17.74  | 17.81  | 17.81   |            |          |
| 5+20  | 1         | 24        | 1       | 0         |        | 25.07  | 25.10  | 25.08   |            |          |
| 5+20  | 25        | 0         | 100     | 0         | 64-QAM | 23.66  | 23.30  | 23.75   | 25.51      | 0.3556   |
| 5+20  | 1         | 0         | 1       | 99        |        | 17.81  | 17.84  | 17.86   |            |          |
| 5+20  | 1         | 24        | 1       | 0         |        | 23.38  | 23.47  | 23.42   |            |          |
| 15+10   | 75        | 0         | 50      | 0         | QPSK   | 24.42  | 24.46  | 24.43   | 28.04      | 0.6368   |
| 15+10   | 1         | 0         | 1       | 49        |        | 17.61  | 17.75  | 17.73   |            |          |
| 15+10   | 1         | 74        | 1       | 0         |        | 26.28  | 26.03  | 26.20   |            |          |
| 15+10   | 75        | 0         | 50      | 0         | 16-QAM | 23.45  | 23.48  | 23.43   | 26.62      | 0.4592   |
| 15+10   | 1         | 0         | 1       | 49        |        | 17.63  | 17.75  | 17.75   |            |          |
| 15+10   | 1         | 74        | 1       | 0         |        | 24.81  | 24.85  | 24.86   |            |          |
| 15+10   | 75        | 0         | 50      | 0         | 64-QAM | 23.48  | 23.49  | 23.46   | 25.25      | 0.3350   |
| 15+10   | 1         | 0         | 1       | 49        |        | 17.48  | 17.58  | 17.57   |            |          |
| 15+10   | 1         | 74        | 1       | 0         |        | 23.19  | 23.20  | 23.18   |            |          |
| 10+15   | 50        | 0         | 75      | 0         | QPSK   | 24.39  | 24.50  | 24.45   | 28.07      | 0.6412   |
| 10+15   | 1         | 0         | 1       | 74        |        | 17.62  | 17.72  | 17.70   |            |          |
| 10+15   | 1         | 49        | 1       | 0         |        | 26.31  | 26.22  | 26.16   |            |          |
| 10+15   | 50        | 0         | 75      | 0         | 16-QAM | 23.45  | 23.54  | 23.53   | 26.67      | 0.4645   |
| 10+15   | 1         | 0         | 1       | 74        |        | 17.62  | 17.72  | 17.71   |            |          |
| 10+15   | 1         | 49        | 1       | 0         |        | 24.85  | 24.91  | 24.83   |            |          |
| 10+15   | 50        | 0         | 75      | 0         | 64-QAM | 23.48  | 23.55  | 23.53   | 25.31      | 0.3396   |
| 10+15   | 1         | 0         | 1       | 74        |        | 17.50  | 17.57  | 17.57   |            |          |
| 10+15   | 1         | 49        | 1       | 0         |        | 23.22  | 23.26  | 23.17   |            |          |
| Limit   | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |





| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.76 dB) |           |           |         |           |        |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 15+15   | 75        | 0         | 75      | 0         | QPSK   | 24.44  | 24.49  | 24.44   | 28.06      | 0.6397   |
| 15+15   | 1         | 0         | 1       | 74        |        | 17.65  | 17.68  | 17.74   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |        | 26.30  | 26.30  | 26.30   |            |          |
| 15+15   | 75        | 0         | 75      | 0         | 16-QAM | 23.47  | 23.50  | 23.46   | 26.76      | 0.4742   |
| 15+15   | 1         | 0         | 1       | 74        |        | 17.63  | 17.67  | 17.77   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |        | 24.95  | 25.00  | 24.89   |            |          |
| 15+15   | 75        | 0         | 75      | 0         | 64-QAM | 23.49  | 23.52  | 23.50   | 25.28      | 0.3373   |
| 15+15   | 1         | 0         | 1       | 74        |        | 17.52  | 17.52  | 17.58   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |        | 23.32  | 22.90  | 23.30   |            |          |
| Limit   | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |         |           |         |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 10+10  | 50        | 0         | 50      | 0         | QPSK    | 20.53  | 20.68  | 20.32   | 20.91      | 0.1233   |
| 10+10  | 1         | 0         | 1       | 49        |         | 13.67  | 13.62  | 13.42   |            |          |
| 10+10  | 1         | 49        | 1       | 0         |         | 21.70  | 22.20  | 21.64   |            |          |
| 10+10  | 50        | 0         | 50      | 0         | 16-QAM  | 19.55  | 19.25  | 19.22   | 19.96      | 0.0991   |
| 10+10  | 1         | 0         | 1       | 49        |         | 13.82  | 13.54  | 13.57   |            |          |
| 10+10  | 1         | 49        | 1       | 0         |         | 21.25  | 21.02  | 20.94   |            |          |
| 10+10  | 50        | 0         | 50      | 0         | 64-QAM  | 19.35  | 19.29  | 19.25   | 18.06      | 0.0640   |
| 10+10  | 1         | 0         | 1       | 49        |         | 13.54  | 13.44  | 13.39   |            |          |
| 10+10  | 1         | 49        | 1       | 0         |         | 19.17  | 19.10  | 18.97   |            |          |
| 10+10  | 50        | 0         | 50      | 0         | 256-QAM | 17.36  | 17.21  | 17.25   | 16.07      | 0.0405   |
| 10+10  | 1         | 0         | 1       | 49        |         | 13.66  | 13.44  | 13.60   |            |          |
| 10+10  | 1         | 49        | 1       | 0         |         | 17.24  | 17.02  | 17.13   |            |          |
| 15+5   | 75        | 0         | 25      | 0         | QPSK    | 20.75  | 20.67  | 20.65   | 20.31      | 0.1074   |
| 15+5   | 1         | 0         | 1       | 24        |         | 14.07  | 13.93  | 13.88   |            |          |
| 15+5   | 1         | 74        | 1       | 0         |         | 21.60  | 21.27  | 21.18   |            |          |
| 15+5   | 75        | 0         | 25      | 0         | 16-QAM  | 19.54  | 19.52  | 19.34   | 20.32      | 0.1076   |
| 15+5   | 1         | 0         | 1       | 24        |         | 14.12  | 13.92  | 13.86   |            |          |
| 15+5   | 1         | 74        | 1       | 0         |         | 21.61  | 21.44  | 21.25   |            |          |
| 15+5   | 75        | 0         | 25      | 0         | 64-QAM  | 19.55  | 19.57  | 19.44   | 18.32      | 0.0679   |
| 15+5   | 1         | 0         | 1       | 24        |         | 13.86  | 14.02  | 13.98   |            |          |
| 15+5   | 1         | 74        | 1       | 0         |         | 19.50  | 19.61  | 19.53   |            |          |
| 15+5   | 75        | 0         | 25      | 0         | 256-QAM | 17.60  | 17.54  | 17.24   | 16.49      | 0.0446   |
| 15+5   | 1         | 0         | 1       | 24        |         | 14.17  | 14.15  | 13.96   |            |          |
| 15+5   | 1         | 74        | 1       | 0         |         | 17.78  | 17.46  | 17.55   |            |          |
| 5+15   | 25        | 0         | 75      | 0         | QPSK    | 20.42  |        |         | 19.79      | 0.0953   |
| 5+15   | 1         | 0         | 1       | 74        |         | 13.60  | 13.67  | 13.58   |            |          |
| 5+15   | 1         | 24        | 1       | 0         |         | 21.01  | 21.08  | 21.02   |            |          |
| 5+15   | 25        | 0         | 75      | 0         | 16-QAM  | 19.32  | 19.23  | 19.34   | 19.83      | 0.0962   |
| 5+15   | 1         | 0         | 1       | 74        |         | 13.63  | 13.57  | 13.64   |            |          |
| 5+15   | 1         | 24        | 1       | 0         |         | 21.12  | 21.11  | 21.04   |            |          |
| 5+15   | 25        | 0         | 75      | 0         | 64-QAM  | 19.35  | 19.38  | 19.38   | 18.09      | 0.0644   |
| 5+15   | 1         | 0         | 1       | 74        |         | 13.66  | 13.67  | 13.68   |            |          |
| 5+15   | 1         | 24        | 1       | 0         |         | 19.26  | 19.26  | 19.33   |            |          |
| 5+15   | 25        | 0         | 75      | 0         | 256-QAM | 17.28  | 17.28  | 17.27   | 16.03      | 0.0401   |
| 5+15   | 1         | 0         | 1       | 74        |         | 13.67  | 13.62  | 13.77   |            |          |
| 5+15   | 1         | 24        | 1       | 0         |         | 17.17  | 17.23  | 17.32   |            |          |
| Limit  | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |         |           |         |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 10+5   | 50        | 0         | 25      | 0         | QPSK    | 20.75  | 20.65  | 20.44   | 20.69      | 0.1172   |
| 10+5   | 1         | 0         | 1       | 24        |         | 13.78  | 13.78  | 13.68   |            |          |
| 10+5   | 1         | 49        | 1       | 0         |         | 21.12  | 21.14  | 21.98   |            |          |
| 10+5   | 50        | 0         | 25      | 0         | 16-QAM  | 19.66  | 19.50  | 19.48   | 19.92      | 0.0982   |
| 10+5   | 1         | 0         | 1       | 24        |         | 13.84  | 13.86  | 14.07   |            |          |
| 10+5   | 1         | 49        | 1       | 0         |         | 21.19  | 21.20  | 21.21   |            |          |
| 10+5   | 50        | 0         | 25      | 0         | 64-QAM  | 19.64  | 19.53  | 19.57   | 18.35      | 0.0684   |
| 10+5   | 1         | 0         | 1       | 24        |         | 13.90  | 13.81  | 13.87   |            |          |
| 10+5   | 1         | 49        | 1       | 0         |         | 19.35  | 19.33  | 19.28   |            |          |
| 10+5   | 50        | 0         | 25      | 0         | 256-QAM | 17.53  | 17.36  | 17.57   | 16.28      | 0.0425   |
| 10+5   | 1         | 0         | 1       | 24        |         | 13.91  | 13.77  | 13.84   |            |          |
| 10+5   | 1         | 49        | 1       | 0         |         | 17.34  | 17.31  | 17.25   |            |          |
| 5+10   | 25        | 0         | 50      | 0         | QPSK    | 20.57  |        |         | 20.73      | 0.1183   |
| 5+10   | 1         | 0         | 1       | 49        |         | 13.72  | 13.62  | 13.59   |            |          |
| 5+10   | 1         | 24        | 1       | 0         |         | 20.59  | 22.02  | 22.00   |            |          |
| 5+10   | 25        | 0         | 50      | 0         | 16-QAM  | 19.59  | 19.44  | 19.41   | 19.92      | 0.0982   |
| 5+10   | 1         | 0         | 1       | 49        |         | 13.91  | 13.85  | 13.83   |            |          |
| 5+10   | 1         | 24        | 1       | 0         |         | 19.60  | 21.12  | 21.21   |            |          |
| 5+10   | 25        | 0         | 50      | 0         | 64-QAM  | 19.60  | 19.47  | 19.42   | 18.31      | 0.0678   |
| 5+10   | 1         | 0         | 1       | 49        |         | 13.81  | 13.78  | 13.71   |            |          |
| 5+10   | 1         | 24        | 1       | 0         |         | 19.60  | 19.11  | 19.24   |            |          |
| 5+10   | 25        | 0         | 50      | 0         | 256-QAM | 17.57  | 17.47  | 17.41   | 16.29      | 0.0426   |
| 5+10   | 1         | 0         | 1       | 49        |         | 13.87  | 13.87  | 13.75   |            |          |
| 5+10   | 1         | 24        | 1       | 0         |         | 17.58  | 17.16  | 17.23   |            |          |
| 5+5  | 25        | 0         | 25      | 0         | QPSK    | 20.60  | 20.48  | 20.44   | 20.78      | 0.1197   |
| 5+5  | 1         | 0         | 1       | 24        |         | 14.21  | 14.21  | 14.17   |            |          |
| 5+5  | 1         | 24        | 1       | 0         |         | 21.77  | 22.07  | 22.07   |            |          |
| 5+5  | 25        | 0         | 25      | 0         | 16-QAM  | 19.60  | 19.52  | 19.39   | 20.08      | 0.1019   |
| 5+5  | 1         | 0         | 1       | 24        |         | 14.41  | 14.34  | 14.41   |            |          |
| 5+5  | 1         | 24        | 1       | 0         |         | 21.37  | 21.26  | 21.32   |            |          |
| 5+5  | 25        | 0         | 25      | 0         | 64-QAM  | 19.60  | 19.50  | 19.48   | 18.31      | 0.0678   |
| 5+5  | 1         | 0         | 1       | 24        |         | 14.36  | 14.21  | 14.27   |            |          |
| 5+5  | 1         | 24        | 1       | 0         |         | 19.27  | 19.20  | 19.27   |            |          |
| 5+5  | 25        | 0         | 25      | 0         | 256-QAM | 17.61  | 17.47  | 17.45   | 16.32      | 0.0429   |
| 5+5  | 1         | 0         | 1       | 24        |         | 14.36  | 14.22  | 14.30   |            |          |
| 5+5  | 1         | 24        | 1       | 0         |         | 17.28  | 17.21  | 17.25   |            |          |
| Limit  | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |         |           |         |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+20  | 100       | 0         | 100     | 0         | QPSK    | 20.07  | 20.22  | 20.06   | 21.07      | 0.1279   |
| 20+20  | 1         | 0         | 1       | 99        |         | 12.90  | 12.88  | 12.78   |            |          |
| 20+20  | 1         | 99        | 1       | 0         |         | 22.36  | 21.84  | 21.80   |            |          |
| 20+20  | 100       | 0         | 100     | 0         | 16-QAM  | 18.85  | 19.11  | 19.04   | 19.85      | 0.0966   |
| 20+20  | 1         | 0         | 1       | 99        |         | 12.97  | 13.03  | 13.01   |            |          |
| 20+20  | 1         | 99        | 1       | 0         |         | 21.14  | 20.97  | 20.94   |            |          |
| 20+20  | 100       | 0         | 100     | 0         | 64-QAM  | 18.86  | 19.11  | 19.06   | 17.82      | 0.0605   |
| 20+20  | 1         | 0         | 1       | 99        |         | 12.90  | 12.91  | 12.93   |            |          |
| 20+20  | 1         | 99        | 1       | 0         |         | 19.06  | 19.00  | 18.99   |            |          |
| 20+20  | 100       | 0         | 100     | 0         | 256-QAM | 16.86  | 17.11  | 17.06   | 15.82      | 0.0382   |
| 20+20  | 1         | 0         | 1       | 99        |         | 12.91  | 12.98  | 13.00   |            |          |
| 20+20  | 1         | 99        | 1       | 0         |         | 17.05  | 17.04  | 17.00   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | QPSK    | 20.22  | 20.40  | 20.26   | 20.76      | 0.1191   |
| 20+15  | 1         | 0         | 1       | 74        |         | 13.19  | 13.30  | 13.26   |            |          |
| 20+15  | 1         | 74        | 1       | 0         |         | 22.05  | 21.97  | 22.04   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | 16-QAM  | 19.27  | 19.42  | 19.28   | 19.92      | 0.0982   |
| 20+15  | 1         | 0         | 1       | 74        |         | 13.39  | 13.52  | 13.52   |            |          |
| 20+15  | 1         | 74        | 1       | 0         |         | 21.19  | 21.01  | 21.21   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | 64-QAM  | 19.27  | 19.41  | 19.30   | 18.12      | 0.0649   |
| 20+15  | 1         | 0         | 1       | 74        |         | 13.30  | 13.36  | 13.37   |            |          |
| 20+15  | 1         | 74        | 1       | 0         |         | 19.16  | 19.01  | 19.12   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | 256-QAM | 17.16  | 17.35  | 17.30   | 16.06      | 0.0404   |
| 20+15  | 1         | 0         | 1       | 74        |         | 13.31  | 13.48  | 13.38   |            |          |
| 20+15  | 1         | 74        | 1       | 0         |         | 17.22  | 17.09  | 17.13   |            |          |
| 15+20  | 75        | 0         | 100     | 0         | QPSK    | 20.33  | 20.42  | 20.29   | 21.01      | 0.1262   |
| 15+20  | 1         | 0         | 1       | 99        |         | 13.44  | 13.47  | 13.43   |            |          |
| 15+20  | 1         | 74        | 1       | 0         |         | 22.30  | 22.17  | 22.12   |            |          |
| 15+20  | 75        | 0         | 100     | 0         | 16-QAM  | 19.35  | 19.44  | 19.31   | 20.18      | 0.1042   |
| 15+20  | 1         | 0         | 1       | 99        |         | 13.66  | 13.66  | 13.65   |            |          |
| 15+20  | 1         | 74        | 1       | 0         |         | 21.47  | 21.37  | 21.27   |            |          |
| 15+20  | 75        | 0         | 100     | 0         | 64-QAM  | 19.38  | 19.48  | 19.34   | 18.19      | 0.0659   |
| 15+20  | 1         | 0         | 1       | 99        |         | 13.52  | 13.61  | 13.57   |            |          |
| 15+20  | 1         | 74        | 1       | 0         |         | 19.46  | 19.32  | 19.30   |            |          |
| 15+20  | 75        | 0         | 100     | 0         | 256-QAM | 17.31  | 17.47  | 17.36   | 16.22      | 0.0419   |
| 15+20  | 1         | 0         | 1       | 99        |         | 13.60  | 13.60  | 13.66   |            |          |
| 15+20  | 1         | 74        | 1       | 0         |         | 17.51  | 17.34  | 17.27   |            |          |
| Limit  | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |         |           |         |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+10  | 100       | 0         | 50      | 0         | QPSK    | 20.40  | 20.30  | 20.18   | 20.77      | 0.1194   |
| 20+10  | 1         | 0         | 1       | 49        |         | 13.40  | 13.25  | 13.26   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |         | 22.06  | 21.90  | 21.87   |            |          |
| 20+10  | 100       | 0         | 50      | 0         | 16-QAM  | 19.43  | 19.33  | 19.20   | 19.96      | 0.0991   |
| 20+10  | 1         | 0         | 1       | 49        |         | 13.61  | 13.48  | 13.50   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |         | 21.25  | 21.22  | 21.03   |            |          |
| 20+10  | 100       | 0         | 50      | 0         | 64-QAM  | 19.45  | 19.34  | 19.20   | 18.16      | 0.0655   |
| 20+10  | 1         | 0         | 1       | 49        |         | 13.46  | 13.38  | 13.31   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |         | 19.19  | 19.24  | 19.02   |            |          |
| 20+10  | 100       | 0         | 50      | 0         | 256-QAM | 17.44  | 17.33  | 17.23   | 16.15      | 0.0412   |
| 20+10  | 1         | 0         | 1       | 49        |         | 13.50  | 13.49  | 13.44   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |         | 17.21  | 17.27  | 17.09   |            |          |
| 10+20  | 50        | 0         | 100     | 0         | QPSK    | 19.95  | 20.32  | 20.02   | 20.56      | 0.1138   |
| 10+20  | 1         | 0         | 1       | 99        |         | 13.10  | 13.25  | 13.10   |            |          |
| 10+20  | 1         | 49        | 1       | 0         |         | 21.79  | 21.85  | 21.82   |            |          |
| 10+20  | 50        | 0         | 100     | 0         | 16-QAM  | 18.96  | 19.35  | 19.00   | 19.83      | 0.0962   |
| 10+20  | 1         | 0         | 1       | 99        |         | 13.26  | 13.46  | 13.42   |            |          |
| 10+20  | 1         | 49        | 1       | 0         |         | 20.91  | 21.02  | 21.12   |            |          |
| 10+20  | 50        | 0         | 100     | 0         | 64-QAM  | 18.94  | 19.31  | 19.05   | 18.02      | 0.0634   |
| 10+20  | 1         | 0         | 1       | 99        |         | 13.14  | 13.34  | 13.33   |            |          |
| 10+20  | 1         | 49        | 1       | 0         |         | 18.84  | 19.01  | 19.12   |            |          |
| 10+20  | 50        | 0         | 100     | 0         | 256-QAM | 16.92  | 17.23  | 17.04   | 15.94      | 0.0393   |
| 10+20  | 1         | 0         | 1       | 99        |         | 13.08  | 13.40  | 13.39   |            |          |
| 10+20  | 1         | 49        | 1       | 0         |         | 16.87  | 17.01  | 17.11   |            |          |
| 20+5   | 100       | 0         | 25      | 0         | QPSK    | 20.46  | 20.21  | 20.18   | 20.59      | 0.1146   |
| 20+5   | 1         | 0         | 1       | 24        |         | 13.32  | 13.24  | 13.23   |            |          |
| 20+5   | 1         | 99        | 1       | 0         |         | 21.88  | 21.77  | 21.71   |            |          |
| 20+5   | 100       | 0         | 25      | 0         | 16-QAM  | 19.38  | 19.14  | 19.12   | 19.84      | 0.0964   |
| 20+5   | 1         | 0         | 1       | 24        |         | 13.49  | 13.44  | 13.45   |            |          |
| 20+5   | 1         | 99        | 1       | 0         |         | 21.03  | 21.13  | 20.87   |            |          |
| 20+5   | 100       | 0         | 25      | 0         | 64-QAM  | 19.31  | 19.19  | 19.07   | 18.02      | 0.0634   |
| 20+5   | 1         | 0         | 1       | 24        |         | 13.44  | 13.48  | 13.33   |            |          |
| 20+5   | 1         | 99        | 1       | 0         |         | 18.98  | 19.12  | 18.88   |            |          |
| 20+5   | 100       | 0         | 25      | 0         | 256-QAM | 17.26  | 17.28  | 17.00   | 15.99      | 0.0397   |
| 20+5   | 1         | 0         | 1       | 24        |         | 13.52  | 13.53  | 13.41   |            |          |
| 20+5   | 1         | 99        | 1       | 0         |         | 17.00  | 17.14  | 16.90   |            |          |
| Limit  | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |         |           |         |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 5+20   | 25        | 0         | 100     | 0         | QPSK    | 19.92  | 20.27  | 19.91   | 20.46      | 0.1112   |
| 5+20   | 1         | 0         | 1       | 99        |         | 13.00  | 13.23  | 13.13   |            |          |
| 5+20   | 1         | 24        | 1       | 0         |         | 21.62  | 21.75  | 21.71   |            |          |
| 5+20   | 25        | 0         | 100     | 0         | 16-QAM  | 18.96  | 19.23  | 18.94   | 19.80      | 0.0955   |
| 5+20   | 1         | 0         | 1       | 99        |         | 13.30  | 13.43  | 13.33   |            |          |
| 5+20   | 1         | 24        | 1       | 0         |         | 20.95  | 20.88  | 21.09   |            |          |
| 5+20   | 25        | 0         | 100     | 0         | 64-QAM  | 18.95  | 19.18  | 18.98   | 17.89      | 0.0615   |
| 5+20   | 1         | 0         | 1       | 99        |         | 13.26  | 13.35  | 13.28   |            |          |
| 5+20   | 1         | 24        | 1       | 0         |         | 18.95  | 18.87  | 19.02   |            |          |
| 5+20   | 25        | 0         | 100     | 0         | 256-QAM | 16.92  | 17.13  | 16.98   | 15.84      | 0.0384   |
| 5+20   | 1         | 0         | 1       | 99        |         | 13.29  | 13.33  | 13.35   |            |          |
| 5+20   | 1         | 24        | 1       | 0         |         | 17.03  | 16.85  | 17.12   |            |          |
| Limit  | EIRP < 1W |           |         |           | Result  |        |        | Pass    |            |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.29 dB) |           |           |         |           |         |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 15+10  | 75        | 0         | 50      | 0         | QPSK    | 20.45  | 20.17  | 20.23   | 20.73      | 0.1183   |
| 15+10  | 1         | 0         | 1       | 49        |         | 13.38  | 13.28  | 13.30   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |         | 22.02  | 21.86  | 21.85   |            |          |
| 15+10  | 75        | 0         | 50      | 0         | 16-QAM  | 19.39  | 19.14  | 19.21   | 19.94      | 0.0986   |
| 15+10  | 1         | 0         | 1       | 49        |         | 13.62  | 13.51  | 13.50   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |         | 21.13  | 21.23  | 21.08   |            |          |
| 15+10  | 75        | 0         | 50      | 0         | 64-QAM  | 19.32  | 19.15  | 19.09   | 18.03      | 0.0635   |
| 15+10  | 1         | 0         | 1       | 49        |         | 13.50  | 13.45  | 13.42   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |         | 19.12  | 19.28  | 18.98   |            |          |
| 15+10  | 75        | 0         | 50      | 0         | 256-QAM | 17.23  | 17.16  | 17.04   | 15.97      | 0.0395   |
| 15+10  | 1         | 0         | 1       | 49        |         | 13.53  | 13.53  | 13.47   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |         | 17.12  | 17.26  | 17.04   |            |          |
| 10+15  | 50        | 0         | 75      | 0         | QPSK    | 20.34  | 20.30  | 20.27   | 20.58      | 0.1143   |
| 10+15  | 1         | 0         | 1       | 74        |         | 13.26  | 13.32  | 13.40   |            |          |
| 10+15  | 1         | 49        | 1       | 0         |         | 21.80  | 21.87  | 21.82   |            |          |
| 10+15  | 50        | 0         | 75      | 0         | 16-QAM  | 19.39  | 19.24  | 19.25   | 19.93      | 0.0984   |
| 10+15  | 1         | 0         | 1       | 74        |         | 13.49  | 13.51  | 13.61   |            |          |
| 10+15  | 1         | 49        | 1       | 0         |         | 21.11  | 21.22  | 21.10   |            |          |
| 10+15  | 50        | 0         | 75      | 0         | 64-QAM  | 19.35  | 19.19  | 19.19   | 18.06      | 0.0640   |
| 10+15  | 1         | 0         | 1       | 74        |         | 13.38  | 13.37  | 13.49   |            |          |
| 10+15  | 1         | 49        | 1       | 0         |         | 19.11  | 19.19  | 19.07   |            |          |
| 10+15  | 50        | 0         | 75      | 0         | 256-QAM | 17.30  | 17.13  | 17.15   | 16.01      | 0.0399   |
| 10+15  | 1         | 0         | 1       | 74        |         | 13.45  | 13.42  | 13.56   |            |          |
| 10+15  | 1         | 49        | 1       | 0         |         | 17.12  | 17.09  | 17.27   |            |          |
| 15+15  | 75        | 0         | 75      | 0         | QPSK    | 20.44  | 20.52  | 20.34   | 20.98      | 0.1253   |
| 15+15  | 1         | 0         | 1       | 74        |         | 13.60  | 13.63  | 13.60   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |         | 22.03  | 22.25  | 22.27   |            |          |
| 15+15  | 75        | 0         | 75      | 0         | 16-QAM  | 19.48  | 19.52  | 19.33   | 20.21      | 0.1050   |
| 15+15  | 1         | 0         | 1       | 74        |         | 13.80  | 13.81  | 13.85   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |         | 21.50  | 21.47  | 21.50   |            |          |
| 15+15  | 75        | 0         | 75      | 0         | 64-QAM  | 19.47  | 19.56  | 19.36   | 18.27      | 0.0671   |
| 15+15  | 1         | 0         | 1       | 74        |         | 13.69  | 13.69  | 13.74   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |         | 19.45  | 19.42  | 19.34   |            |          |
| 15+15  | 75        | 0         | 75      | 0         | 256-QAM | 17.49  | 17.51  | 17.34   | 16.22      | 0.0419   |
| 15+15  | 1         | 0         | 1       | 74        |         | 13.80  | 13.80  | 13.77   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |         | 17.48  | 17.44  | 17.41   |            |          |
| Limit  | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.95 dB) |           |           |         |           |         |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+20  | 100       | 0         | 100     | 0         | QPSK    | 20.22  | 20.43  | 20.50   | 24.78      | 0.3006   |
| 20+20  | 1         | 0         | 1       | 99        |         | 13.30  | 13.34  | 13.41   |            |          |
| 20+20  | 1         | 99        | 1       | 0         |         | 22.12  | 22.83  | 22.20   |            |          |
| 20+20  | 1         | 0         | 1       | 99        | 16-QAM  | 13.55  | 13.55  | 13.66   | 23.48      | 0.2228   |
| 20+20  | 1         | 99        | 1       | 0         |         | 21.45  | 21.53  | 21.51   |            |          |
| 20+20  | 100       | 0         | 100     | 0         | 64-QAM  | 19.21  | 19.39  | 19.44   | 21.39      | 0.1377   |
| 20+20  | 1         | 0         | 1       | 99        |         | 13.42  | 13.55  | 13.48   |            |          |
| 20+20  | 1         | 99        | 1       | 0         |         | 19.23  | 19.40  | 19.33   |            |          |
| 20+20  | 100       | 0         | 100     | 0         | 256-QAM | 17.15  | 17.27  | 17.40   | 19.41      | 0.0873   |
| 20+20  | 1         | 0         | 1       | 99        |         | 13.47  | 13.48  | 13.61   |            |          |
| 20+20  | 1         | 99        | 1       | 0         |         | 17.33  | 17.42  | 17.46   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | QPSK    | 20.29  | 20.51  | 20.49   | 24.23      | 0.2649   |
| 20+15  | 1         | 0         | 1       | 74        |         | 13.45  | 13.55  | 13.54   |            |          |
| 20+15  | 1         | 99        | 1       | 0         |         | 22.21  | 22.28  | 22.24   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | 16-QAM  | 19.30  | 19.49  | 19.46   | 23.53      | 0.2254   |
| 20+15  | 1         | 0         | 1       | 74        |         | 13.70  | 13.74  | 13.82   |            |          |
| 20+15  | 1         | 99        | 1       | 0         |         | 21.57  | 21.57  | 21.58   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | 64-QAM  | 19.31  | 19.46  | 19.47   | 21.42      | 0.1387   |
| 20+15  | 1         | 0         | 1       | 74        |         | 13.60  | 13.62  | 13.66   |            |          |
| 20+15  | 1         | 99        | 1       | 0         |         | 19.36  | 19.41  | 19.43   |            |          |
| 20+15  | 100       | 0         | 75      | 0         | 256-QAM | 17.26  | 17.45  | 17.43   | 19.40      | 0.0871   |
| 20+15  | 1         | 0         | 1       | 74        |         | 13.64  | 13.68  | 13.72   |            |          |
| 20+15  | 1         | 99        | 1       | 0         |         | 17.37  | 17.42  | 17.43   |            |          |
| 15+20  | 75        | 0         | 100     | 0         | QPSK    | 20.26  | 20.47  | 20.44   | 24.31      | 0.2698   |
| 15+20  | 1         | 0         | 1       | 99        |         | 13.54  | 13.63  | 13.60   |            |          |
| 15+20  | 1         | 74        | 1       | 0         |         | 22.30  | 22.36  | 22.30   |            |          |
| 15+20  | 75        | 0         | 100     | 0         | 16-QAM  | 19.30  | 19.48  | 19.43   | 23.61      | 0.2296   |
| 15+20  | 1         | 0         | 1       | 99        |         | 13.77  | 13.88  | 13.85   |            |          |
| 15+20  | 1         | 74        | 1       | 0         |         | 21.57  | 21.66  | 21.60   |            |          |
| 15+20  | 75        | 0         | 100     | 0         | 64-QAM  | 19.29  | 19.42  | 19.46   | 21.41      | 0.1384   |
| 15+20  | 1         | 0         | 1       | 99        |         | 13.66  | 13.70  | 13.79   |            |          |
| 15+20  | 1         | 74        | 1       | 0         |         | 19.39  | 19.39  | 19.45   |            |          |
| 15+20  | 75        | 0         | 100     | 0         | 256-QAM | 17.28  | 17.42  | 17.40   | 19.41      | 0.0873   |
| 15+20  | 1         | 0         | 1       | 99        |         | 13.75  | 13.75  | 13.74   |            |          |
| 15+20  | 1         | 74        | 1       | 0         |         | 17.46  | 17.43  | 17.45   |            |          |
| Limit  | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |





| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.95 dB) |           |           |         |           |         |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+10  | 100       | 0         | 75      | 0         | QPSK    | 20.38  | 20.53  | 20.50   | 24.20      | 0.2630   |
| 20+10  | 1         | 0         | 1       | 74        |         | 13.50  | 13.58  | 13.60   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |         | 22.20  | 22.25  | 22.22   |            |          |
| 20+10  | 100       | 0         | 75      | 0         | 16-QAM  | 19.39  | 19.52  | 19.48   | 23.51      | 0.2244   |
| 20+10  | 1         | 0         | 1       | 74        |         | 13.78  | 13.92  | 13.88   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |         | 21.47  | 21.56  | 21.54   |            |          |
| 20+10  | 100       | 0         | 75      | 0         | 64-QAM  | 19.33  | 19.51  | 19.50   | 21.46      | 0.1400   |
| 20+10  | 1         | 0         | 1       | 74        |         | 13.67  | 13.76  | 13.68   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |         | 19.34  | 19.40  | 19.37   |            |          |
| 20+10  | 100       | 0         | 75      | 0         | 256-QAM | 17.34  | 17.47  | 17.43   | 19.42      | 0.0875   |
| 20+10  | 1         | 0         | 1       | 74        |         | 13.70  | 13.76  | 13.78   |            |          |
| 20+10  | 1         | 99        | 1       | 0         |         | 17.34  | 17.43  | 17.37   |            |          |
| 10+20  | 75        | 0         | 100     | 0         | QPSK    | 20.36  | 20.46  | 20.45   | 24.13      | 0.2588   |
| 10+20  | 1         | 0         | 1       | 99        |         | 13.50  | 13.55  | 13.56   |            |          |
| 10+20  | 1         | 74        | 1       | 0         |         | 22.12  | 22.18  | 22.16   |            |          |
| 10+20  | 75        | 0         | 100     | 0         | 16-QAM  | 19.37  | 19.45  | 19.45   | 23.42      | 0.2198   |
| 10+20  | 1         | 0         | 1       | 99        |         | 19.38  | 13.80  | 13.81   |            |          |
| 10+20  | 1         | 74        | 1       | 0         |         | 21.41  | 21.42  | 21.47   |            |          |
| 10+20  | 75        | 0         | 100     | 0         | 64-QAM  | 19.36  | 19.45  | 19.46   | 21.41      | 0.1384   |
| 10+20  | 1         | 0         | 1       | 99        |         | 13.63  | 13.66  | 13.67   |            |          |
| 10+20  | 1         | 74        | 1       | 0         |         | 19.20  | 19.31  | 19.24   |            |          |
| 10+20  | 75        | 0         | 100     | 0         | 256-QAM | 17.33  | 17.41  | 17.35   | 19.36      | 0.0863   |
| 10+20  | 1         | 0         | 1       | 99        |         | 13.70  | 13.72  | 13.75   |            |          |
| 10+20  | 1         | 74        | 1       | 0         |         | 17.27  | 17.35  | 17.34   |            |          |
| 15+15  | 75        | 0         | 100     | 0         | QPSK    | 20.60  | 20.83  | 20.79   | 24.61      | 0.2891   |
| 15+15  | 1         | 0         | 1       | 99        |         | 13.88  | 14.03  | 14.05   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |         | 22.66  | 21.70  | 21.76   |            |          |
| 15+15  | 75        | 0         | 100     | 0         | 16-QAM  | 19.70  | 19.82  | 19.82   | 24.01      | 0.2518   |
| 15+15  | 1         | 0         | 1       | 99        |         | 14.12  | 14.26  | 14.32   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |         | 21.95  | 22.03  | 22.06   |            |          |
| 15+15  | 75        | 0         | 100     | 0         | 64-QAM  | 19.67  | 19.82  | 19.82   | 21.86      | 0.1535   |
| 15+15  | 1         | 0         | 1       | 99        |         | 14.15  | 14.15  | 14.22   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |         | 19.79  | 19.86  | 19.91   |            |          |
| 15+15  | 75        | 0         | 100     | 0         | 256-QAM | 17.62  | 17.78  | 17.80   | 19.88      | 0.0973   |
| 15+15  | 1         | 0         | 1       | 99        |         | 14.19  | 14.27  | 14.28   |            |          |
| 15+15  | 1         | 74        | 1       | 0         |         | 17.78  | 17.88  | 17.93   |            |          |
| Limit  | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.95 dB) |           |           |         |           |         |        |        |         |            |          |
|--|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]   | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 15+10  | 75        | 0         | 100     | 0         | QPSK    | 20.50  | 20.88  | 20.94   | 24.76      | 0.2992   |
| 15+10  | 1         | 0         | 1       | 99        |         | 13.77  | 14.15  | 14.22   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |         | 22.33  | 22.24  | 22.81   |            |          |
| 15+10  | 75        | 0         | 100     | 0         | 16-QAM  | 19.46  | 19.95  | 19.93   | 24.35      | 0.2723   |
| 15+10  | 1         | 0         | 1       | 99        |         | 14.01  | 14.80  | 14.69   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |         | 21.71  | 22.40  | 22.21   |            |          |
| 15+10  | 75        | 0         | 100     | 0         | 64-QAM  | 19.45  | 19.83  | 19.81   | 21.78      | 0.1507   |
| 15+10  | 1         | 0         | 1       | 99        |         | 13.88  | 14.32  | 14.17   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |         | 19.48  | 19.83  | 19.79   |            |          |
| 15+10  | 75        | 0         | 100     | 0         | 256-QAM | 17.43  | 17.50  | 17.80   | 19.80      | 0.0955   |
| 15+10  | 1         | 0         | 1       | 99        |         | 13.91  | 14.00  | 14.33   |            |          |
| 15+10  | 1         | 74        | 1       | 0         |         | 17.52  | 17.57  | 17.85   |            |          |
| Limit  | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 1.84 dB) |           |           |         |           |         |        |        |         |            |          |
|---|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]  | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|   | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+20   | 100       | 0         | 100     | 0         | QPSK    | 20.77  | 20.83  | 20.77   | 24.18      | 0.2618   |
| 20+20   | 1         | 0         | 1       | 99        |         | 13.88  | 13.82  | 13.79   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |         | 22.34  | 22.21  | 22.30   |            |          |
| 20+20   | 100       | 0         | 100     | 0         | 16-QAM  | 19.88  | 19.82  | 19.83   | 23.78      | 0.2388   |
| 20+20   | 1         | 0         | 1       | 99        |         | 14.17  | 14.10  | 14.09   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |         | 21.94  | 21.90  | 21.90   |            |          |
| 20+20   | 100       | 0         | 100     | 0         | 64-QAM  | 19.83  | 19.79  | 19.78   | 21.67      | 0.1469   |
| 20+20   | 1         | 0         | 1       | 99        |         | 14.02  | 13.97  | 13.95   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |         | 19.70  | 19.70  | 19.69   |            |          |
| 20+20   | 100       | 0         | 100     | 0         | 256-QAM | 17.82  | 17.81  | 17.76   | 19.66      | 0.0925   |
| 20+20   | 1         | 0         | 1       | 99        |         | 14.03  | 13.99  | 13.95   |            |          |
| 20+20   | 1         | 99        | 1       | 0         |         | 17.73  | 17.68  | 17.68   |            |          |
| 15+15   | 75        | 0         | 75      | 0         | QPSK    | 20.92  | 20.88  | 20.82   | 23.74      | 0.2366   |
| 15+15   | 1         | 0         | 1       | 74        |         | 14.20  | 14.16  | 14.13   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |         | 21.90  | 21.78  | 21.77   |            |          |
| 15+15   | 75        | 0         | 75      | 0         | 16-QAM  | 19.94  | 19.90  | 19.80   | 24.09      | 0.2564   |
| 15+15   | 1         | 0         | 1       | 74        |         | 14.51  | 14.47  | 14.45   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |         | 22.25  | 22.18  | 22.16   |            |          |
| 15+15   | 75        | 0         | 75      | 0         | 64-QAM  | 19.98  | 19.92  | 19.88   | 21.82      | 0.1521   |
| 15+15   | 1         | 0         | 1       | 74        |         | 14.33  | 14.33  | 14.31   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |         | 19.96  | 19.89  | 19.88   |            |          |
| 15+15   | 75        | 0         | 75      | 0         | 256-QAM | 17.95  | 17.87  | 17.83   | 19.81      | 0.0957   |
| 15+15   | 1         | 0         | 1       | 74        |         | 14.36  | 14.36  | 14.33   |            |          |
| 15+15   | 1         | 74        | 1       | 0         |         | 17.97  | 17.89  | 17.92   |            |          |
| Limit   | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



# Appendix B. Test Results of Radiated Test

<Main Antenna>

## LTE Band 26

| LTE Band 26 / 15MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 1656              | -47.60      | -13           | -34.60            | -63.67            | -48.49             | 6.36                 | 9.40                  | H                  |
|                            | 2489              | -58.80      | -13           | -45.80            | -76.1             | -58.98             | 8.12                 | 10.45                 | H                  |
|                            | 3319              | -56.78      | -13           | -43.78            | -76.72            | -57.57             | 9.21                 | 12.15                 | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            | 1656              | -49.78      | -13           | -36.78            | -65.84            | -50.67             | 6.36                 | 9.40                  | V                  |
|                            | 2489              | -58.49      | -13           | -45.49            | -75.64            | -58.67             | 8.12                 | 10.45                 | V                  |
|                            | 3319              | -56.51      | -13           | -43.51            | -76.53            | -57.30             | 9.21                 | 12.15                 | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 1648              | -49.49      | -13           | -36.49            | -65.46            | -50.36             | 6.35                 | 9.37                  | H                  |
|                            | 2472              | -57.31      | -13           | -44.31            | -74.68            | -57.49             | 8.03                 | 10.36                 | H                  |
|                            | 3299              | -56.50      | -13           | -43.50            | -76.42            | -57.23             | 9.16                 | 12.04                 | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            | 1648              | -51.30      | -13           | -38.30            | -67.26            | -52.17             | 6.35                 | 9.37                  | V                  |
|                            | 2474              | -59.00      | -13           | -46.00            | -76.2             | -59.18             | 8.04                 | 10.37                 | V                  |
|                            | 3299              | -56.54      | -13           | -43.54            | -76.56            | -57.27             | 9.16                 | 12.04                 | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1672 | -48.57 | -13 | -35.57 | -64.85 | -49.48 | 6.39 | 9.45  | H |
|         | 2504 | -58.46 | -13 | -45.46 | -75.76 | -58.66 | 8.17 | 10.52 | H |
|         | 3339 | -56.27 | -13 | -43.27 | -76.23 | -57.13 | 9.25 | 12.26 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1672 | -46.42 | -13 | -33.42 | -62.67 | -47.33 | 6.39 | 9.45  | V |
|         | 2504 | -59.18 | -13 | -46.18 | -76.32 | -59.38 | 8.17 | 10.52 | V |
|         | 3339 | -55.72 | -13 | -42.72 | -75.74 | -56.58 | 9.25 | 12.26 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 5B**

| LTE Band 5B / 10+10MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|-------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                       | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                        | 1664              | -52.76      | -13           | -39.76            | -68.94            | -53.66             | 6.37                 | 9.42                  | H                  |
|                               | 2501              | -58.50      | -13           | -45.50            | -75.76            | -58.68             | 8.18                 | 10.51                 | H                  |
|                               | 3335              | -56.06      | -13           | -43.06            | -76.02            | -56.91             | 9.24                 | 12.24                 | H                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                               | 1664              | -51.85      | -13           | -38.85            | -68               | -52.75             | 6.37                 | 9.42                  | V                  |
|                               | 2501              | -58.86      | -13           | -45.86            | -75.96            | -59.04             | 8.18                 | 10.51                 | V                  |
|                               | 3335              | -55.31      | -13           | -42.31            | -75.34            | -56.16             | 9.24                 | 12.24                 | V                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | V                  |
| Middle                        | 1672              | -50.56      | -13           | -37.56            | -66.84            | -51.47             | 6.39                 | 9.45                  | H                  |
|                               | 2509              | -58.34      | -13           | -45.34            | -75.7             | -58.58             | 8.16                 | 10.55                 | H                  |
|                               | 3346              | -55.34      | -13           | -42.34            | -75.3             | -56.22             | 9.27                 | 12.30                 | H                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                               | 1672              | -51.09      | -13           | -38.09            | -67.34            | -52.00             | 6.39                 | 9.45                  | V                  |
|                               | 2509              | -58.73      | -13           | -45.73            | -75.94            | -58.97             | 8.16                 | 10.55                 | V                  |
|                               | 3346              | -55.16      | -13           | -42.16            | -75.18            | -56.04             | 9.27                 | 12.30                 | V                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |             |               |                   |                   |                    |                      | V                     |                    |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1680 | -52.27 | -13 | -39.27 | -68.65 | -53.20 | 6.40 | 9.48  | H |
|         | 2517 | -57.74 | -13 | -44.74 | -75.21 | -58.03 | 8.15 | 10.59 | H |
|         | 3356 | -55.70 | -13 | -42.70 | -75.67 | -56.62 | 9.29 | 12.36 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1680 | -50.96 | -13 | -37.96 | -67.31 | -51.89 | 6.40 | 9.48  | V |
|         | 2517 | -58.23 | -13 | -45.23 | -75.56 | -58.52 | 8.15 | 10.59 | V |
|         | 3356 | -54.34 | -13 | -41.34 | -74.37 | -55.26 | 9.29 | 12.36 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      | V     |   |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



## LTE Band 25

| LTE Band 2 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 3702              | -54.40       | -13           | -41.40            | -76.2             | -56.57             | 9.93                 | 12.10                 | H                  |
|                           | 5553              | -52.98       | -13           | -39.98            | -77.16            | -52.46             | 13.67                | 13.15                 | H                  |
|                           | 7404              | -46.04       | -13           | -33.04            | -76.86            | -43.48             | 13.95                | 11.39                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3702              | -54.30       | -13           | -41.30            | -75.97            | -56.47             | 9.93                 | 12.10                 | V                  |
|                           | 5553              | -52.76       | -13           | -39.76            | -77.49            | -52.24             | 13.67                | 13.15                 | V                  |
|                           | 7404              | -45.88       | -13           | -32.88            | -76.88            | -43.32             | 13.95                | 11.39                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                    | 3742              | -53.93       | -13           | -40.93            | -75.83            | -56.05             | 10.02                | 12.14                 | H                  |
|                           | 5613              | -52.76       | -13           | -39.76            | -76.81            | -52.04             | 13.93                | 13.21                 | H                  |
|                           | 7484              | -46.40       | -13           | -33.40            | -76.78            | -43.03             | 14.60                | 11.23                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3742              | -53.74       | -13           | -40.74            | -75.56            | -55.86             | 10.02                | 12.14                 | V                  |
|                           | 5613              | -52.31       | -13           | -39.31            | -76.86            | -51.59             | 13.93                | 13.21                 | V                  |
|                           | 7484              | -46.51       | -13           | -33.51            | -76.98            | -43.14             | 14.60                | 11.23                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |





|         |      |        |     |        |        |        |       |       |   |
|---------|------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 3792 | -53.22 | -13 | -40.22 | -75.23 | -55.28 | 10.13 | 12.19 | H |
|         | 5688 | -52.19 | -13 | -39.19 | -76.4  | -51.67 | 13.81 | 13.29 | H |
|         | 7584 | -46.61 | -13 | -33.61 | -76.45 | -42.99 | 15.16 | 11.54 | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         | 3792 | -53.81 | -13 | -40.81 | -75.81 | -55.87 | 10.13 | 12.19 | V |
|         | 5688 | -51.91 | -13 | -38.91 | -76.64 | -51.39 | 13.81 | 13.29 | V |
|         | 7584 | -46.48 | -13 | -33.48 | -76.39 | -42.86 | 15.16 | 11.54 | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       | V     |   |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 12**

| LTE Band 17 / 10MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 1399              | -59.52      | -13           | -46.52            | -74.31            | -58.76             | 5.81                 | 7.20                  | H                  |
|                            | 2099              | -58.78      | -13           | -45.78            | -76.03            | -58.99             | 7.15                 | 9.51                  | H                  |
|                            | 2798              | -57.56      | -13           | -44.56            | -75.98            | -57.73             | 8.58                 | 10.9                  | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            | 1399              | -59.12      | -13           | -46.12            | -74.30            | -58.36             | 5.81                 | 7.20                  | V                  |
|                            | 2099              | -58.62      | -13           | -45.62            | -75.91            | -58.83             | 7.15                 | 9.51                  | V                  |
|                            | 2798              | -57.55      | -13           | -44.55            | -75.86            | -57.72             | 8.58                 | 10.9                  | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 1406              | -59.72      | -13           | -46.72            | -74.52            | -58.98             | 5.84                 | 7.25                  | H                  |
|                            | 2109              | -58.38      | -13           | -45.38            | -75.75            | -58.52             | 7.17                 | 9.46                  | H                  |
|                            | 2812              | -57.81      | -13           | -44.81            | -76.28            | -57.98             | 8.59                 | 10.91                 | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            | 1406              | -59.09      | -13           | -46.09            | -74.24            | -58.35             | 5.84                 | 7.25                  | V                  |
|                            | 2109              | -58.46      | -13           | -45.46            | -75.89            | -58.60             | 7.17                 | 9.46                  | V                  |
|                            | 2812              | -57.72      | -13           | -44.72            | -76.06            | -57.89             | 8.59                 | 10.91                 | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      | V                     |                    |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1413 | -59.69 | -13 | -46.69 | -74.50 | -58.99 | 5.87 | 7.32  | H |
|         | 2120 | -58.41 | -13 | -45.41 | -75.90 | -58.47 | 7.19 | 9.40  | H |
|         | 2826 | -57.56 | -13 | -44.56 | -76.08 | -57.74 | 8.60 | 10.93 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1413 | -59.48 | -13 | -46.48 | -74.60 | -58.78 | 5.87 | 7.32  | V |
|         | 2120 | -58.30 | -13 | -45.30 | -75.87 | -58.36 | 7.19 | 9.40  | V |
|         | 2826 | -57.64 | -13 | -44.64 | -76.01 | -57.82 | 8.60 | 10.93 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 13**

| LTE Band 13 / 5MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 1552              | -60.29      | -13           | -47.29            | -75.48            | -60.53             | 6.28                 | 8.67                  | H                  |
|                           | 2332              | -58.38      | -13           | -45.38            | -76.30            | -58.35             | 7.54                 | 9.66                  | H                  |
|                           | 3109              | -57.34      | -13           | -44.34            | -76.86            | -57.70             | 8.81                 | 11.32                 | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           | 1552              | -60.16      | -13.00        | -47.16            | -75.29            | -60.40             | 6.28                 | 8.67                  | V                  |
|                           | 2332              | -58.30      | -13           | -45.30            | -76.20            | -58.27             | 7.54                 | 9.66                  | V                  |
|                           | 3109              | -57.33      | -13           | -44.33            | -76.75            | -57.69             | 8.81                 | 11.32                 | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |
| Middle                    | 1560              | -60.50      | -42.15        | -18.35            | -75.72            | -60.83             | 6.28                 | 8.76                  | H                  |
|                           | 2339              | -58.89      | -13           | -45.89            | -76.78            | -58.89             | 7.55                 | 9.70                  | H                  |
|                           | 3119              | -56.68      | -13           | -43.68            | -76.25            | -57.04             | 8.83                 | 11.34                 | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                           | 1560              | -60.52      | -42.15        | -18.37            | -75.70            | -60.85             | 6.28                 | 8.76                  | V                  |
|                           | 2339              | -59.10      | -13           | -46.10            | -76.96            | -59.10             | 7.55                 | 9.70                  | V                  |
|                           | 3119              | -57.10      | -13           | -44.10            | -76.60            | -57.46             | 8.83                 | 11.34                 | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |             |               |                   |                   |                    |                      | V                     |                    |



|         |      |        |        |        |        |        |      |       |   |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1560 | -60.30 | -42.15 | -18.15 | -75.52 | -60.63 | 6.28 | 8.76  | H |
|         | 2347 | -58.30 | -13    | -45.30 | -76.16 | -58.33 | 7.56 | 9.74  | H |
|         | 3129 | -56.91 | -13    | -43.91 | -76.51 | -57.28 | 8.84 | 11.36 | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         | 1560 | -60.29 | -42.15 | -18.14 | -75.47 | -60.62 | 6.28 | 8.76  | V |
|         | 2347 | -59.02 | -13    | -46.02 | -76.84 | -59.05 | 7.56 | 9.74  | V |
|         | 3129 | -57.14 | -13    | -44.14 | -76.69 | -57.51 | 8.84 | 11.36 | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 66**

| LTE Band 4 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 3422              | -55.21       | -13           | -42.21            | -76.17            | -58.36             | 9.41                 | 12.56                 | H                  |
|                           | 5133              | -52.43       | -13           | -39.43            | -77.07            | -52.99             | 12.11                | 12.67                 | H                  |
|                           | 6844              | -48.32       | -13           | -35.32            | -77.49            | -46.77             | 13.97                | 12.42                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3422              | -55.22       | -13           | -42.22            | -76.18            | -58.37             | 9.41                 | 12.56                 | V                  |
|                           | 5133              | -51.97       | -13           | -38.97            | -76.86            | -52.53             | 12.11                | 12.67                 | V                  |
|                           | 6844              | -48.68       | -13           | -35.68            | -77.68            | -47.13             | 13.97                | 12.42                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                    | 3472              | -55.16       | -13           | -42.16            | -76.39            | -58.15             | 9.47                 | 12.46                 | H                  |
|                           | 5208              | -52.95       | -13           | -39.95            | -77.75            | -53.43             | 12.24                | 12.72                 | H                  |
|                           | 6944              | -48.15       | -13           | -35.15            | -77.3             | -46.14             | 14.03                | 12.02                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 3472              | -55.31       | -13           | -42.31            | -76.51            | -58.30             | 9.47                 | 12.46                 | V                  |
|                           | 5208              | -53.21       | -13           | -40.21            | -78.25            | -53.69             | 12.24                | 12.72                 | V                  |
|                           | 6944              | -47.92       | -13           | -34.92            | -76.92            | -45.91             | 14.03                | 12.02                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |       |       |   |
|---------|------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 3522 | -55.25 | -13 | -42.25 | -76.68 | -58.01 | 9.55  | 12.31 | H |
|         | 5283 | -53.27 | -13 | -40.27 | -78.13 | -53.65 | 12.57 | 12.95 | H |
|         | 7044 | -47.34 | -13 | -34.34 | -76.62 | -45.01 | 14.02 | 11.69 | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         | 3522 | -55.12 | -13 | -42.12 | -76.45 | -57.88 | 9.55  | 12.31 | V |
|         | 5283 | -52.71 | -13 | -39.71 | -77.95 | -53.09 | 12.57 | 12.95 | V |
|         | 7044 | -47.31 | -13 | -34.31 | -76.66 | -44.98 | 14.02 | 11.69 | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 66B**

| LTE Band 66B / 10+10MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                         | 3438              | -55.35       | -13           | -42.35            | -76.41            | -58.44             | 9.43                 | 12.52                 | H                  |
|                                | 5158              | -52.21       | -13           | -39.21            | -76.91            | -52.75             | 12.14                | 12.68                 | H                  |
|                                | 6877              | -48.28       | -13           | -35.28            | -77.44            | -46.58             | 13.99                | 12.29                 | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                | 3438              | -55.70       | -13           | -42.70            | -76.75            | -58.79             | 9.43                 | 12.52                 | V                  |
|                                | 5158              | -52.40       | -13           | -39.40            | -77.34            | -52.94             | 12.14                | 12.68                 | V                  |
|                                | 6877              | -48.50       | -13           | -35.50            | -77.5             | -46.80             | 13.99                | 12.29                 | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                         | 3509              | -55.20       | -13           | -42.20            | -76.61            | -58.04             | 9.52                 | 12.36                 | H                  |
|                                | 5263              | -52.19       | -13           | -39.19            | -77.04            | -52.60             | 12.48                | 12.89                 | H                  |
|                                | 7018              | -47.12       | -13           | -34.12            | -76.31            | -44.83             | 14.05                | 11.76                 | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                | 3509              | -55.23       | -13           | -42.23            | -76.57            | -58.07             | 9.52                 | 12.36                 | V                  |
|                                | 5263              | -52.08       | -13           | -39.08            | -77.27            | -52.49             | 12.48                | 12.89                 | V                  |
|                                | 7018              | -47.30       | -13           | -34.30            | -76.44            | -45.01             | 14.05                | 11.76                 | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      | V                     |                    |





|         |      |        |     |        |        |        |       |       |   |
|---------|------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 3539 | -75.92 | -13 | -62.92 | -76.92 | -78.58 | 9.58  | 12.24 | H |
|         | 5308 | -52.80 | -13 | -39.80 | -77.69 | -53.14 | 12.68 | 13.02 | H |
|         | 7078 | -46.99 | -13 | -33.99 | -76.36 | -44.62 | 13.98 | 11.61 | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         | 3539 | -55.40 | -13 | -42.40 | -76.73 | -58.06 | 9.58  | 12.24 | V |
|         | 5308 | -52.58 | -13 | -39.58 | -77.89 | -52.92 | 12.68 | 13.02 | V |
|         | 7078 | -46.99 | -13 | -33.99 | -76.58 | -44.62 | 13.98 | 11.61 | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 66C**

| LTE Band 66C / 20+20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                         | 3457              | -55.43       | -13           | -42.43            | -76.6             | -58.47             | 9.45                 | 12.49                 | H                  |
|                                | 5186              | -52.15       | -13           | -39.15            | -76.91            | -52.66             | 12.18                | 12.69                 | H                  |
|                                | 6915              | -47.90       | -13           | -34.90            | -77.06            | -46.03             | 14.01                | 12.14                 | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                | 3457              | -55.15       | -13           | -42.15            | -76.3             | -58.19             | 9.45                 | 12.49                 | V                  |
|                                | 5186              | -52.09       | -13           | -39.09            | -77.08            | -52.60             | 12.18                | 12.69                 | V                  |
|                                | 6915              | -48.11       | -13           | -35.11            | -77.11            | -46.24             | 14.01                | 12.14                 | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                         | 3508              | -55.52       | -13           | -42.52            | -76.92            | -58.37             | 9.52                 | 12.37                 | H                  |
|                                | 5262              | -52.77       | -13           | -39.77            | -77.62            | -53.18             | 12.48                | 12.89                 | H                  |
|                                | 7016              | -47.11       | -13           | -34.11            | -76.3             | -44.82             | 14.05                | 11.76                 | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                | 3508              | -55.62       | -13           | -42.62            | -76.96            | -58.47             | 9.52                 | 12.37                 | V                  |
|                                | 5262              | -52.40       | -13           | -39.40            | -77.59            | -52.81             | 12.48                | 12.89                 | V                  |
|                                | 7016              | -47.26       | -13           | -34.26            | -76.39            | -44.97             | 14.05                | 11.76                 | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |       |       |   |
|---------|------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 3518 | -55.34 | -13 | -42.34 | -76.77 | -58.13 | 9.54  | 12.33 | H |
|         | 5277 | -52.52 | -13 | -39.52 | -77.38 | -52.91 | 12.54 | 12.93 | H |
|         | 7036 | -47.48 | -13 | -34.48 | -76.73 | -45.16 | 14.03 | 11.71 | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         | 3518 | -55.47 | -13 | -42.47 | -76.81 | -58.26 | 9.54  | 12.33 | V |
|         | 5277 | -52.37 | -13 | -39.37 | -77.59 | -52.76 | 12.54 | 12.93 | V |
|         | 7036 | -47.35 | -13 | -34.35 | -76.63 | -45.03 | 14.03 | 11.71 | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 7**

| LTE Band 7 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 5002              | -51.04       | -25           | -26.04            | -75.38            | -51.72             | 11.92                | 12.60                 | H                  |
|                           | 7503              | -46.19       | -25           | -21.19            | -76.48            | -42.65             | 14.75                | 11.21                 | H                  |
|                           | 10004             | -43.51       | -25           | -18.51            | -77.31            | -37.44             | 17.17                | 11.10                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 5002              | -50.60       | -25           | -25.60            | -75.25            | -51.28             | 11.92                | 12.60                 | V                  |
|                           | 7503              | -45.95       | -25           | -20.95            | -79.31            | -42.41             | 14.75                | 11.21                 | V                  |
|                           | 10004             | -44.13       | -25           | -19.13            | -77.27            | -38.06             | 17.17                | 11.10                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                    | 5052              | -50.44       | -25           | -25.44            | -74.88            | -51.08             | 11.99                | 12.63                 | H                  |
|                           | 7578              | -46.50       | -25           | -21.50            | -76.37            | -42.88             | 15.13                | 11.51                 | H                  |
|                           | 10104             | -43.27       | -25           | -18.27            | -77.08            | -37.14             | 17.17                | 11.04                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 5052              | -50.90       | -25           | -25.90            | -75.63            | -51.54             | 11.99                | 12.63                 | V                  |
|                           | 7578              | -46.61       | -25           | -21.61            | -76.56            | -42.99             | 15.13                | 11.51                 | V                  |
|                           | 10104             | -43.62       | -25           | -18.62            | -76.9             | -37.49             | 17.17                | 11.04                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |



|         |       |        |     |        |        |        |       |       |   |
|---------|-------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 5102  | -50.90 | -25 | -25.90 | -75.47 | -51.49 | 12.06 | 12.65 | H |
|         | 7653  | -46.38 | -25 | -21.38 | -76.1  | -43.05 | 14.96 | 11.63 | H |
|         | 10204 | -42.91 | -25 | -17.91 | -76.72 | -36.72 | 17.17 | 10.98 | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         | 5102  | -50.86 | -25 | -25.86 | -75.69 | -51.45 | 12.06 | 12.65 | V |
|         | 7653  | -46.46 | -25 | -21.46 | -76.25 | -43.13 | 14.96 | 11.63 | V |
|         | 10204 | -43.05 | -25 | -18.05 | -76.44 | -36.86 | 17.17 | 10.98 | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 7C**

| LTE Band 7C / 20+20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                        | 5037              | -51.33       | -25           | -26.33            | -75.73            | -51.98             | 11.97                | 12.62                 | H                  |
|                               | 7556              | -46.79       | -25           | -21.79            | -76.78            | -43.19             | 15.02                | 11.42                 | H                  |
|                               | 10075             | -43.39       | -25           | -18.39            | -77.2             | -37.28             | 17.17                | 11.06                 | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               | 5037              | -51.54       | -25           | -26.54            | -76.24            | -52.19             | 11.97                | 12.62                 | V                  |
|                               | 7556              | -46.52       | -25           | -21.52            | -76.59            | -42.92             | 15.02                | 11.42                 | V                  |
|                               | 10075             | -43.89       | -25           | -18.89            | -77.12            | -37.78             | 17.17                | 11.06                 | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                        | 5068              | -50.72       | -25           | -25.72            | -75.2             | -51.33             | 12.02                | 12.63                 | H                  |
|                               | 7602              | -46.52       | -25           | -21.52            | -76.27            | -42.89             | 15.23                | 11.60                 | H                  |
|                               | 10136             | -42.88       | -25           | -17.88            | -76.7             | -36.73             | 17.17                | 11.02                 | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               | 5068              | -51.93       | -25           | -26.93            | -76.69            | -52.54             | 12.02                | 12.63                 | V                  |
|                               | 7602              | -46.63       | -25           | -21.63            | -76.45            | -43.00             | 15.23                | 11.60                 | V                  |
|                               | 10136             | -43.63       | -25           | -18.63            | -76.95            | -37.48             | 17.17                | 11.02                 | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      | V                     |                    |



|         |       |        |     |        |        |        |       |       |   |
|---------|-------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 5098  | -51.72 | -25 | -26.72 | -76.27 | -52.31 | 12.06 | 12.65 | H |
|         | 7647  | -46.21 | -25 | -21.21 | -75.93 | -42.84 | 14.99 | 11.62 | H |
|         | 10196 | -42.65 | -25 | -17.65 | -76.46 | -36.46 | 17.17 | 10.98 | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         | 5098  | -52.01 | -25 | -27.01 | -76.83 | -52.60 | 12.06 | 12.65 | V |
|         | 7647  | -46.48 | -25 | -21.48 | -76.27 | -43.11 | 14.99 | 11.62 | V |
|         | 10196 | -42.96 | -25 | -17.96 | -76.34 | -36.77 | 17.17 | 10.98 | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       | V     |   |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



### LTE Band 38

| LTE Band 38 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 5142                 | -51.97          | -25              | -26.97                  | -76.64                  | -52.52                   | 12.12                      | 12.67                       | H                     |
|                            | 7713                 | -45.96          | -25              | -20.96                  | -75.64                  | -42.98                   | 14.64                      | 11.66                       | H                     |
|                            | 10284                | -42.41          | -25              | -17.41                  | -76.24                  | -36.18                   | 17.16                      | 10.93                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5142                 | -51.86          | -25              | -26.86                  | -76.79                  | -52.41                   | 12.12                      | 12.67                       | V                     |
|                            | 7713                 | -45.94          | -25              | -20.94                  | -75.68                  | -42.96                   | 14.64                      | 11.66                       | V                     |
|                            | 10284                | -42.73          | -25              | -17.73                  | -76.23                  | -36.50                   | 17.16                      | 10.93                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 5172                 | -51.52          | -25              | -26.52                  | -76.26                  | -52.05                   | 12.16                      | 12.69                       | H                     |
|                            | 7758                 | -45.96          | -25              | -20.96                  | -75.61                  | -43.25                   | 14.39                      | 11.68                       | H                     |
|                            | 10344                | -42.16          | -25              | -17.16                  | -75.99                  | -35.89                   | 17.16                      | 10.89                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5172                 | -51.23          | -25              | -26.23                  | -76.21                  | -51.76                   | 12.16                      | 12.69                       | V                     |
|                            | 7758                 | -45.96          | -25              | -20.96                  | -75.67                  | -43.25                   | 14.39                      | 11.68                       | V                     |
|                            | 10344                | -42.34          | -25              | -17.34                  | -75.92                  | -36.07                   | 17.16                      | 10.89                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            | V                           |                       |





|         |       |        |     |        |        |        |       |       |   |
|---------|-------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 5202  | -52.60 | -25 | -27.60 | -77.4  | -53.10 | 12.21 | 12.71 | H |
|         | 7803  | -46.17 | -25 | -21.17 | -75.8  | -43.68 | 14.18 | 11.69 | H |
|         | 10404 | -42.12 | -25 | -17.12 | -75.96 | -35.82 | 17.16 | 10.86 | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         | 5202  | -52.06 | -25 | -27.06 | -77.09 | -52.56 | 12.21 | 12.71 | V |
|         | 7803  | -46.12 | -25 | -21.12 | 75.81  | -43.63 | 14.18 | 11.69 | V |
|         | 10404 | -42.44 | -25 | -17.44 | -76.1  | -36.14 | 17.16 | 10.86 | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 41 (HPUE)**

| LTE Band 41 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 4995              | -52.06       | -25           | -27.06            | -76.36            | -52.74             | 11.92                | 12.60                 | H                  |
|                            | 7491              | -46.05       | -25           | -21.05            | -76.39            | -42.61             | 14.66                | 11.22                 | H                  |
|                            | 9988              | -43.40       | -25           | -18.40            | -77.15            | -37.34             | 17.15                | 11.09                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 4995              | -51.63       | -25           | -26.63            | -76.25            | -52.31             | 11.92                | 12.60                 | V                  |
|                            | 7491              | -45.95       | -25           | -20.95            | -76.38            | -42.51             | 14.66                | 11.22                 | V                  |
|                            | 9988              | -43.99       | -25           | -18.99            | -77.08            | -37.93             | 17.15                | 11.09                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 5175              | -51.45       | -25           | -26.45            | -76.19            | -51.97             | 12.17                | 12.69                 | H                  |
|                            | 7752              | -45.52       | -25           | -20.52            | -75.17            | -42.77             | 14.43                | 11.68                 | H                  |
|                            | 10336             | -42.07       | -25           | -17.07            | -75.9             | -35.81             | 17.16                | 10.90                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 5175              | -51.62       | -25           | -26.62            | -76.6             | -52.14             | 12.17                | 12.69                 | V                  |
|                            | 7752              | -45.72       | -25           | -20.72            | -75.43            | -42.97             | 14.43                | 11.68                 | V                  |
|                            | 10335             | -41.78       | -25           | -16.78            | -75.35            | -35.52             | 17.16                | 10.90                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      | V                     |                    |



|         |       |        |     |        |        |        |       |       |   |
|---------|-------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 5340  | -52.66 | -25 | -27.66 | -77.57 | -52.96 | 12.82 | 13.12 | H |
|         | 8013  | -45.67 | -25 | -20.67 | -75.95 | -42.12 | 14.80 | 11.25 | H |
|         | 10684 | -42.51 | -25 | -17.51 | -76.45 | -35.96 | 17.24 | 10.69 | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         | 5340  | -52.21 | -25 | -27.21 | -77.6  | -52.51 | 12.82 | 13.12 | V |
|         | 8013  | -45.57 | -25 | -20.57 | -75.86 | -42.02 | 14.80 | 11.25 | V |
|         | 10684 | -42.69 | -25 | -17.69 | -76.56 | -36.14 | 17.24 | 10.69 | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 41C (HPUE)**

| LTE Band 41C / 20+20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                         | 5025              | -49.66       | -25           | -24.66            | -74.04            | -50.31             | 11.96                | 12.61                 | H                  |
|                                | 7544              | -46.15       | -25           | -21.15            | -76.2             | -42.58             | 14.95                | 11.38                 | H                  |
|                                | 10059             | -42.49       | -25           | -17.49            | -76.3             | -36.38             | 17.17                | 11.06                 | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                | 5025              | -51.63       | -25           | -26.63            | -76.31            | -52.28             | 11.96                | 12.61                 | V                  |
|                                | 7545              | -44.21       | -25           | -19.21            | -74.33            | -40.63             | 14.96                | 11.38                 | V                  |
|                                | 10059             | -43.21       | -25           | -18.21            | -76.42            | -37.10             | 17.17                | 11.06                 | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                         | 5190              | -46.83       | -25           | -21.83            | -71.6             | -47.34             | 12.19                | 12.70                 | H                  |
|                                | 7775              | -45.49       | -25           | -20.49            | -75.14            | -42.88             | 14.30                | 11.69                 | H                  |
|                                | 10367             | -42.63       | -25           | -17.63            | -76.46            | -36.35             | 17.16                | 10.88                 | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                | 5190              | -48.52       | -25           | -23.52            | -73.52            | -49.03             | 12.19                | 12.70                 | V                  |
|                                | 7770              | -42.35       | -25           | -17.35            | -72.06            | -39.71             | 14.33                | 11.69                 | V                  |
|                                | 10367             | -42.62       | -25           | -17.62            | -76.23            | -36.34             | 17.16                | 10.88                 | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |



|         |       |        |     |        |        |        |       |       |   |
|---------|-------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 5340  | -50.16 | -25 | -25.16 | -75.07 | -50.46 | 12.82 | 13.12 | H |
|         | 8010  | -43.91 | -25 | -18.91 | -74.19 | -40.35 | 14.80 | 11.24 | H |
|         | 10676 | -42.34 | -25 | -17.34 | -76.27 | -35.79 | 17.24 | 10.69 | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         | 5340  | -48.86 | -25 | -23.86 | -74.25 | -49.16 | 12.82 | 13.12 | V |
|         | 8010  | -44.28 | -25 | -19.28 | -74.56 | -40.72 | 14.80 | 11.24 | V |
|         | 10676 | -42.76 | -25 | -17.76 | -76.62 | -36.21 | 17.24 | 10.69 | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 71**

| LTE Band 71 / 20MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 1328              | -59.86      | -13           | -46.86            | -74.46            | -59.03             | 5.63                 | 6.95                  | H                  |
|                            | 1992              | -48.13      | -13           | -35.13            | -64.38            | -49.03             | 6.95                 | 10.00                 | H                  |
|                            | 2656              | -57.58      | -13           | -44.58            | -76.07            | -58.25             | 8.15                 | 10.97                 | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            | 1328              | -57.22      | -13           | -44.22            | -71.81            | -56.39             | 5.63                 | 6.95                  | V                  |
|                            | 1992              | -46.44      | -13           | -33.44            | -62.54            | -47.34             | 6.95                 | 10.00                 | V                  |
|                            | 2656              | -57.82      | -13           | -44.82            | -76.25            | -58.49             | 8.15                 | 10.97                 | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 1352              | -57.16      | -13           | -44.16            | -71.82            | -56.35             | 5.69                 | 7.03                  | H                  |
|                            | 2024              | -49.20      | -13           | -36.20            | -65.65            | -49.92             | 7.01                 | 9.88                  | H                  |
|                            | 2696              | -57.74      | -13           | -44.74            | -76.21            | -58.27             | 8.27                 | 10.95                 | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                            | 1352              | -57.75      | -13           | -44.75            | -72.54            | -56.94             | 5.69                 | 7.03                  | V                  |
|                            | 2024              | -56.13      | -13           | -43.13            | -72.47            | -56.85             | 7.01                 | 9.88                  | V                  |
|                            | 2696              | -57.72      | -13           | -44.72            | -76.11            | -58.25             | 8.27                 | 10.95                 | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |             |               |                   |                   |                    |                      | V                     |                    |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1358 | -57.78 | -13 | -44.78 | -72.45 | -56.98 | 5.70 | 7.05  | H |
|         | 2037 | -52.19 | -13 | -39.19 | -68.80 | -52.83 | 7.03 | 9.82  | H |
|         | 2716 | -57.19 | -13 | -44.19 | -75.64 | -57.65 | 8.33 | 10.94 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1358 | -57.71 | -13 | -44.71 | -72.55 | -56.91 | 5.70 | 7.05  | V |
|         | 2037 | -53.68 | -13 | -40.68 | -70.22 | -54.32 | 7.03 | 9.82  | V |
|         | 2716 | -57.58 | -13 | -44.58 | -75.95 | -58.04 | 8.33 | 10.94 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<MIMO 2 Antenna>

**LTE Band 25**

| LTE Band 25 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 3705              | -54.26       | -13           | -41.26            | -76.07            | -56.43             | 9.94                 | 12.11                 | H                  |
|                            | 5553              | -52.53       | -13           | -39.53            | -76.71            | -52.01             | 13.67                | 13.15                 | H                  |
|                            | 7404              | -45.71       | -13           | -32.71            | -76.53            | -43.15             | 13.95                | 11.39                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3705              | -54.34       | -13           | -41.34            | -76.03            | -56.51             | 9.94                 | 12.11                 | V                  |
|                            | 5553              | -52.72       | -13           | -39.72            | -77.45            | -52.20             | 13.67                | 13.15                 | V                  |
|                            | 7404              | -45.59       | -13           | -32.59            | -76.59            | -43.03             | 13.95                | 11.39                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 3735              | -53.47       | -13           | -40.47            | -75.35            | -55.60             | 10.01                | 12.14                 | H                  |
|                            | 5613              | -53.05       | -13           | -40.05            | -77.1             | -52.33             | 13.93                | 13.21                 | H                  |
|                            | 7484              | -46.25       | -13           | -33.25            | -76.63            | -42.88             | 14.60                | 11.23                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3735              | -53.57       | -13           | -40.57            | -75.37            | -55.70             | 10.01                | 12.14                 | V                  |
|                            | 5613              | -52.38       | -13           | -39.38            | -76.93            | -51.66             | 13.93                | 13.21                 | V                  |
|                            | 7484              | -45.54       | -13           | -32.54            | -76.02            | -42.17             | 14.60                | 11.23                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |





|         |      |        |     |        |        |        |       |       |   |
|---------|------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 3795 | -53.94 | -13 | -40.94 | -75.96 | -56.00 | 10.14 | 12.20 | H |
|         | 5688 | -52.65 | -13 | -39.65 | -76.86 | -52.13 | 13.81 | 13.29 | H |
|         | 7584 | -46.39 | -13 | -33.39 | -76.23 | -42.77 | 15.16 | 11.54 | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         | 3795 | -54.04 | -13 | -41.04 | -76.05 | -56.10 | 10.14 | 12.20 | V |
|         | 5688 | -52.14 | -13 | -39.14 | -76.87 | -51.62 | 13.81 | 13.29 | V |
|         | 7584 | -46.36 | -13 | -33.36 | -76.27 | -42.74 | 15.16 | 11.54 | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       | V     |   |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 66**

| LTE Band 66 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 3420              | -55.38       | -13           | -42.38            | -76.34            | -58.53             | 9.41                 | 12.56                 | H                  |
|                            | 5133              | -51.98       | -13           | -38.98            | -76.62            | -52.54             | 12.11                | 12.67                 | H                  |
|                            | 6844              | -48.14       | -13           | -35.14            | -77.31            | -46.59             | 13.97                | 12.42                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3420              | -55.44       | -13           | -42.44            | -76.4             | -58.59             | 9.41                 | 12.56                 | V                  |
|                            | 5133              | -51.60       | -13           | -38.60            | -76.49            | -52.16             | 12.11                | 12.67                 | V                  |
|                            | 6844              | -47.73       | -13           | -34.73            | -76.73            | -46.18             | 13.97                | 12.42                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 3495              | -54.92       | -13           | -41.92            | -76.29            | -57.84             | 9.49                 | 12.41                 | H                  |
|                            | 5235              | -52.01       | -13           | -39.01            | -76.83            | -52.46             | 12.36                | 12.81                 | H                  |
|                            | 6980              | -46.70       | -13           | -33.70            | -75.84            | -44.52             | 14.06                | 11.88                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 3495              | -55.01       | -13           | -42.01            | -76.33            | -57.93             | 9.49                 | 12.41                 | V                  |
|                            | 5235              | -51.28       | -13           | -38.28            | -76.39            | -51.73             | 12.36                | 12.81                 | V                  |
|                            | 6980              | -47.46       | -13           | -34.46            | -76.46            | -45.28             | 14.06                | 11.88                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      | V                     |                    |



|         |      |        |     |        |        |        |       |       |   |
|---------|------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 3525 | -55.12 | -13 | -42.12 | -76.55 | -57.87 | 9.55  | 12.30 | H |
|         | 5283 | -52.30 | -13 | -39.30 | -77.16 | -52.68 | 12.57 | 12.95 | H |
|         | 7044 | -46.90 | -13 | -33.90 | -76.18 | -44.57 | 14.02 | 11.69 | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         | 3525 | -55.28 | -13 | -42.28 | -76.61 | -58.03 | 9.55  | 12.30 | V |
|         | 5283 | -51.73 | -13 | -38.73 | -76.97 | -52.11 | 12.57 | 12.95 | V |
|         | 7044 | -47.05 | -13 | -34.05 | -76.39 | -44.72 | 14.02 | 11.69 | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 66B**

| LTE Band 66B / 10+10MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                         | 3435              | -55.58       | -13           | -42.58            | -76.62            | -58.68             | 9.43                 | 12.53                 | H                  |
|                                | 5158              | -51.93       | -13           | -38.93            | -76.63            | -52.47             | 12.14                | 12.68                 | H                  |
|                                | 6877              | -47.59       | -13           | -34.59            | -76.75            | -45.89             | 13.99                | 12.29                 | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                | 3435              | -55.22       | -13           | -42.22            | -76.25            | -58.32             | 9.43                 | 12.53                 | V                  |
|                                | 5158              | -51.90       | -13           | -38.90            | -76.84            | -52.44             | 12.14                | 12.68                 | V                  |
|                                | 6877              | -47.94       | -13           | -34.94            | -76.94            | -46.24             | 13.99                | 12.29                 | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                         | 3525              | -55.01       | -13           | -42.01            | -76.44            | -57.76             | 9.55                 | 12.30                 | H                  |
|                                | 5290              | -52.38       | -13           | -39.38            | -77.25            | -52.75             | 12.60                | 12.97                 | H                  |
|                                | 7054              | -46.96       | -13           | -33.96            | -76.26            | -44.62             | 14.01                | 11.67                 | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                | 3525              | -55.22       | -13           | -42.22            | -76.55            | -57.97             | 9.55                 | 12.30                 | V                  |
|                                | 5290              | -51.92       | -13           | -38.92            | -77.18            | -52.29             | 12.60                | 12.97                 | V                  |
|                                | 7054              | -46.08       | -13           | -33.08            | -75.49            | -43.74             | 14.01                | 11.67                 | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      | V                     |                    |



|         |      |        |     |        |        |        |       |       |   |
|---------|------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 3540 | -54.76 | -13 | -41.76 | -76.23 | -57.42 | 9.58  | 12.24 | H |
|         | 5308 | -52.85 | -13 | -39.85 | -77.74 | -53.19 | 12.68 | 13.02 | H |
|         | 7077 | -46.65 | -13 | -33.65 | -76.02 | -44.28 | 13.98 | 11.61 | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         | 3540 | -55.28 | -13 | -42.28 | -76.61 | -57.94 | 9.58  | 12.24 | V |
|         | 5308 | -52.39 | -13 | -39.39 | -77.7  | -52.73 | 12.68 | 13.02 | V |
|         | 7077 | -46.71 | -13 | -33.71 | -76.29 | -44.34 | 13.98 | 11.61 | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 66C**

| LTE Band 66C / 20+20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                         | 3450              | -54.54       | -13           | -41.54            | -75.66            | -57.59             | 9.45                 | 12.50                 | H                  |
|                                | 5186              | -51.73       | -13           | -38.73            | -76.49            | -52.24             | 12.18                | 12.69                 | H                  |
|                                | 6915              | -47.31       | -13           | -34.31            | -76.47            | -45.44             | 14.01                | 12.14                 | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                | 3450              | -54.68       | -13           | -41.68            | -75.78            | -57.73             | 9.45                 | 12.50                 | V                  |
|                                | 5186              | -51.65       | -13           | -38.65            | -76.64            | -52.16             | 12.18                | 12.69                 | V                  |
|                                | 6915              | -47.60       | -13           | -34.60            | -76.6             | -45.73             | 14.01                | 12.14                 | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                         | 3510              | -54.82       | -13           | -41.82            | -76.23            | -57.66             | 9.52                 | 12.36                 | H                  |
|                                | 5262              | -52.22       | -13           | -39.22            | -77.07            | -52.63             | 12.48                | 12.89                 | H                  |
|                                | 7016              | -46.99       | -13           | -33.99            | -76.18            | -44.70             | 14.05                | 11.76                 | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                | 3510              | -54.99       | -13           | -41.99            | -76.33            | -57.83             | 9.52                 | 12.36                 | V                  |
|                                | 5262              | -51.69       | -13           | -38.69            | -76.88            | -52.10             | 12.48                | 12.89                 | V                  |
|                                | 7020              | -46.06       | -13           | -33.06            | -75.22            | -43.76             | 14.05                | 11.75                 | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |       |       |   |
|---------|------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 3525 | -55.22 | -13 | -42.22 | -76.65 | -57.97 | 9.55  | 12.30 | H |
|         | 5277 | -52.13 | -13 | -39.13 | -76.99 | -52.52 | 12.54 | 12.93 | H |
|         | 7036 | -46.93 | -13 | -33.93 | -76.18 | -44.61 | 14.03 | 11.71 | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         |      |        |     |        |        |        |       |       | H |
|         | 3525 | -54.94 | -13 | -41.94 | -76.27 | -57.69 | 9.55  | 12.30 | V |
|         | 5277 | -52.05 | -13 | -39.05 | -77.27 | -52.44 | 12.54 | 12.93 | V |
|         | 7036 | -46.96 | -13 | -33.96 | -76.24 | -44.64 | 14.03 | 11.71 | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |
|         |      |        |     |        |        |        |       |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 7**

| LTE Band 7 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                    | 5002              | -52.06       | -25           | -27.06            | -76.36            | -52.74             | 11.92                | 12.60                 | H                  |
|                           | 7503              | -46.19       | -25           | -21.19            | -76.47            | -42.65             | 14.75                | 11.21                 | H                  |
|                           | 10004             | -43.35       | -25           | -18.35            | -77.15            | -37.28             | 17.17                | 11.10                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 5002              | -51.33       | -25           | -26.33            | -75.95            | -52.01             | 11.92                | 12.60                 | V                  |
|                           | 7503              | -45.65       | -25           | -20.65            | -76.01            | -42.11             | 14.75                | 11.21                 | V                  |
|                           | 10004             | -43.93       | -25           | -18.93            | -77.07            | -37.86             | 17.17                | 11.10                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                    | 5052              | -50.18       | -25           | -25.18            | -74.62            | -50.82             | 11.99                | 12.63                 | H                  |
|                           | 7578              | -44.30       | -25           | -19.30            | -74.18            | -40.68             | 15.13                | 11.51                 | H                  |
|                           | 10104             | -41.91       | -25           | -16.91            | -75.72            | -35.78             | 17.17                | 11.04                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 5052              | -49.42       | -25           | -24.42            | -74.15            | -50.06             | 11.99                | 12.63                 | V                  |
|                           | 7578              | -43.15       | -25           | -18.15            | -73.1             | -39.53             | 15.13                | 11.51                 | V                  |
|                           | 10104             | -43.03       | -25           | -18.03            | -76.3             | -36.90             | 17.17                | 11.04                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                           |                   |              |               |                   |                   |                    |                      | V                     |                    |





|         |       |        |     |        |        |        |       |       |   |
|---------|-------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 5102  | -51.88 | -25 | -26.88 | -76.45 | -52.47 | 12.06 | 12.65 | H |
|         | 7653  | -45.76 | -25 | -20.76 | -75.48 | -42.43 | 14.96 | 11.63 | H |
|         | 10204 | -42.33 | -25 | -17.33 | -76.14 | -36.14 | 17.17 | 10.98 | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         | 5102  | -50.72 | -25 | -25.72 | -75.55 | -51.31 | 12.06 | 12.65 | V |
|         | 7653  | -45.76 | -25 | -20.76 | -75.55 | -42.43 | 14.96 | 11.63 | V |
|         | 10204 | -42.75 | -25 | -17.75 | -76.14 | -36.56 | 17.17 | 10.98 | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 7C**

| LTE Band 7C / 20+20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                       | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                        | 5037              | -51.98       | -25           | -26.98            | -76.38            | -52.63             | 11.97                | 12.62                 | H                  |
|                               | 7556              | -46.18       | -25           | -21.18            | -76.17            | -42.58             | 15.02                | 11.42                 | H                  |
|                               | 10075             | -42.85       | -25           | -17.85            | -76.66            | -36.74             | 17.17                | 11.06                 | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               | 5037              | -51.56       | -25           | -26.56            | -76.26            | -52.21             | 11.97                | 12.62                 | V                  |
|                               | 7556              | -46.36       | -25           | -21.36            | -76.43            | -42.76             | 15.02                | 11.42                 | V                  |
|                               | 10075             | -43.39       | -25           | -18.39            | -76.62            | -37.28             | 17.17                | 11.06                 | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                        | 5068              | -51.39       | -25           | -26.39            | -75.87            | -52.00             | 12.02                | 12.63                 | H                  |
|                               | 7602              | -45.60       | -25           | -20.60            | -75.35            | -41.97             | 15.23                | 11.60                 | H                  |
|                               | 10136             | -41.92       | -25           | -16.92            | -75.74            | -35.77             | 17.17                | 11.02                 | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                               | 5068              | -51.35       | -25           | -26.35            | -76.11            | -51.96             | 12.02                | 12.63                 | V                  |
|                               | 7602              | -46.18       | -25           | -21.18            | -76               | -42.55             | 15.23                | 11.60                 | V                  |
|                               | 10136             | -42.96       | -25           | -17.96            | -76.28            | -36.81             | 17.17                | 11.02                 | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                               |                   |              |               |                   |                   |                    |                      | V                     |                    |



|         |       |        |     |        |        |        |       |       |   |
|---------|-------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 5098  | -51.93 | -25 | -26.93 | -76.48 | -52.52 | 12.06 | 12.65 | H |
|         | 7647  | -46.40 | -25 | -21.40 | -76.12 | -43.03 | 14.99 | 11.62 | H |
|         | 10196 | -42.14 | -25 | -17.14 | -75.95 | -35.95 | 17.17 | 10.98 | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         | 5098  | -51.73 | -25 | -26.73 | -76.55 | -52.32 | 12.06 | 12.65 | V |
|         | 7647  | -46.26 | -25 | -21.26 | -76.05 | -42.89 | 14.99 | 11.62 | V |
|         | 10196 | -42.98 | -25 | -17.98 | -76.36 | -36.79 | 17.17 | 10.98 | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



### LTE Band 38

| LTE Band 38 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 5142              | -51.30       | -25           | -26.30            | -75.97            | -51.85             | 12.12                | 12.67                 | H                  |
|                            | 7713              | -45.21       | -25           | -20.21            | -74.89            | -42.23             | 14.64                | 11.66                 | H                  |
|                            | 10284             | -42.40       | -25           | -17.40            | -76.23            | -36.17             | 17.16                | 10.93                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 5142              | -51.40       | -25           | -26.40            | -76.32            | -51.95             | 12.12                | 12.67                 | V                  |
|                            | 7713              | -41.87       | -25           | -16.87            | -71.61            | -38.89             | 14.64                | 11.66                 | V                  |
|                            | 10284             | -42.29       | -25           | -17.29            | -75.79            | -36.06             | 17.16                | 10.93                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 5172              | -50.99       | -25           | -25.99            | -75.73            | -51.52             | 12.16                | 12.69                 | H                  |
|                            | 7758              | -45.70       | -25           | -20.70            | -75.35            | -42.99             | 14.39                | 11.68                 | H                  |
|                            | 10344             | -42.08       | -25           | -17.08            | -75.91            | -35.81             | 17.16                | 10.89                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 5172              | -51.45       | -25           | -26.45            | -76.42            | -51.98             | 12.16                | 12.69                 | V                  |
|                            | 7758              | -42.42       | -25           | -17.42            | -72.13            | -39.71             | 14.39                | 11.68                 | V                  |
|                            | 10344             | -42.43       | -25           | -17.43            | -76.01            | -36.16             | 17.16                | 10.89                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      | V                     |                    |



|         |       |        |     |        |        |        |       |       |   |
|---------|-------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 5202  | -52.49 | -25 | -27.49 | -77.29 | -52.99 | 12.21 | 12.71 | H |
|         | 7803  | -43.57 | -25 | -18.57 | -73.2  | -41.08 | 14.18 | 11.69 | H |
|         | 10404 | -42.29 | -25 | -17.29 | -76.13 | -35.99 | 17.16 | 10.86 | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         | 5202  | -51.79 | -25 | -26.79 | -76.82 | -52.29 | 12.21 | 12.71 | V |
|         | 7803  | -39.93 | -25 | -14.93 | -69.62 | -37.44 | 14.18 | 11.69 | V |
|         | 10404 | -42.27 | -25 | -17.27 | -75.93 | -35.97 | 17.16 | 10.86 | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       | V     |   |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 41 (HPUE)**

| LTE Band 41 / 20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                    | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                     | 4994              | -51.27       | -25           | -26.27            | -75.57            | -51.95             | 11.92                | 12.60                 | H                  |
|                            | 7491              | -39.90       | -25           | -14.90            | -70.28            | -36.46             | 14.66                | 11.22                 | H                  |
|                            | 9988              | -43.52       | -25           | -18.52            | -77.27            | -37.46             | 17.15                | 11.09                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 4994              | -48.96       | -25           | -23.96            | -73.58            | -49.64             | 11.92                | 12.60                 | V                  |
|                            | 7491              | -39.32       | -25           | -14.32            | -69.79            | -35.88             | 14.66                | 11.22                 | V                  |
|                            | 9988              | -44.32       | -25           | -19.32            | -77.41            | -38.26             | 17.15                | 11.09                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                     | 5168              | -51.73       | -25           | -26.73            | -76.45            | -52.25             | 12.16                | 12.68                 | H                  |
|                            | 7752              | -40.61       | -25           | -15.61            | -70.26            | -37.86             | 14.43                | 11.68                 | H                  |
|                            | 10336             | -42.64       | -25           | -17.64            | -76.47            | -36.38             | 17.16                | 10.90                 | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                            | 5168              | -51.73       | -25           | -26.73            | -76.69            | -52.25             | 12.16                | 12.68                 | V                  |
|                            | 7752              | -37.19       | -25           | -12.19            | -66.9             | -34.44             | 14.43                | 11.68                 | V                  |
|                            | 10336             | -43.02       | -25           | -18.02            | -76.59            | -36.76             | 17.16                | 10.90                 | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                            |                   |              |               |                   |                   |                    |                      | V                     |                    |



|         |       |        |     |        |        |        |       |       |   |
|---------|-------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 5342  | -50.75 | -25 | -25.75 | -75.66 | -51.05 | 12.83 | 13.13 | H |
|         | 8013  | -37.77 | -25 | -12.77 | -68.05 | -34.22 | 14.80 | 11.25 | H |
|         | 10684 | -43.01 | -25 | -18.01 | -76.95 | -36.46 | 17.24 | 10.69 | H |
|         | 13355 | -37.41 | -25 | -12.41 | -73.79 | -31.06 | 19.30 | 12.95 | H |
|         | 16026 | -40.38 | -25 | -15.38 | -75.65 | -35.75 | 21.35 | 16.72 | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         | 5342  | -48.96 | -25 | -23.96 | -74.35 | -49.26 | 12.83 | 13.13 | V |
|         | 8013  | -36.66 | -25 | -11.66 | -66.94 | -33.11 | 14.80 | 11.25 | V |
|         | 10684 | -42.84 | -25 | -17.84 | -76.71 | -36.29 | 17.24 | 10.69 | V |
|         | 13355 | -38.54 | -25 | -13.54 | -74.34 | -32.19 | 19.30 | 12.95 | V |
|         | 16026 | -39.78 | -25 | -14.78 | -75.25 | -35.15 | 21.35 | 16.72 | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**LTE Band 41C (HPUE)**

| LTE Band 41C / 20+20MHz / QPSK |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                        | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                         | 5025              | -51.62       | -25           | -26.62            | -76               | -52.27             | 11.96                | 12.61                 | H                  |
|                                | 7544              | -45.88       | -25           | -20.88            | -75.93            | -42.31             | 14.95                | 11.38                 | H                  |
|                                | 10059             | -42.49       | -25           | -17.49            | -76.3             | -36.38             | 17.17                | 11.06                 | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                | 5025              | -51.76       | -25           | -26.76            | -76.44            | -52.41             | 11.96                | 12.61                 | V                  |
|                                | 7544              | -44.46       | -25           | -19.46            | -74.58            | -40.89             | 14.95                | 11.38                 | V                  |
|                                | 10059             | -43.55       | -25           | -18.55            | -76.76            | -37.44             | 17.17                | 11.06                 | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                         | 5190              | -48.43       | -25           | -23.43            | -73.2             | -48.94             | 12.19                | 12.70                 | H                  |
|                                | 7770              | -44.49       | -25           | -19.49            | -74.14            | -41.85             | 14.33                | 11.69                 | H                  |
|                                | 10368             | -42.58       | -25           | -17.58            | -76.41            | -36.30             | 17.16                | 10.88                 | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                                | 5190              | -49.99       | -25           | -24.99            | -74.99            | -50.50             | 12.19                | 12.70                 | V                  |
|                                | 7770              | -44.51       | -25           | -19.51            | -74.22            | -41.87             | 14.33                | 11.69                 | V                  |
|                                | 10368             | -41.44       | -25           | -16.44            | -75.05            | -35.16             | 17.16                | 10.88                 | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                                |                   |              |               |                   |                   |                    |                      | V                     |                    |





|         |       |        |     |        |        |        |       |       |   |
|---------|-------|--------|-----|--------|--------|--------|-------|-------|---|
| Highest | 5340  | -50.95 | -25 | -25.95 | -75.86 | -51.25 | 12.82 | 13.12 | H |
|         | 8007  | -45.47 | -25 | -20.47 | -75.76 | -41.91 | 14.79 | 11.23 | H |
|         | 10676 | -42.68 | -25 | -17.68 | -76.61 | -36.13 | 17.24 | 10.69 | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         |       |        |     |        |        |        |       |       | H |
|         | 5340  | -50.77 | -25 | -25.77 | -76.16 | -51.07 | 12.82 | 13.12 | V |
|         | 8007  | -43.75 | -25 | -18.75 | -74.04 | -40.19 | 14.79 | 11.23 | V |
|         | 10676 | -42.06 | -25 | -17.06 | -75.92 | -35.51 | 17.24 | 10.69 | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |
|         |       |        |     |        |        |        |       |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.