



# FCC RADIO TEST REPORT

**FCC ID** : PU5-TP00139AS  
**Equipment** : Notebook Computer  
**Brand Name** : Lenovo  
**Model Name** : TP00139A  
**Applicant** : Wistron Corporation  
21F, No. 88, Sec. 1, Hsin Tai Wu Rd., Hsichih Dist,  
New Taipei City 221, Taiwan  
**Manufacturer** : Lenovo PC HK Limited.  
23/F, Lincoln House, Taikoo Place, 979 King's Road,  
Quarry Bay, Hong Kong, China  
**Standard** : FCC 47 CFR Part 2, 22(H), 24(E), 27

Equipment: Foxconn T99W175 tested inside of Lenovo Notebook Computer.

The product was received on Dec. 21, 2021 and testing was performed from Jan. 20, 2022 to Feb. 15, 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 of 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*



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## History of this test report

| Report No.   | Version | Description             | Issued Date   |
|--------------|---------|-------------------------|---------------|
| FG1D1645-01B | 01      | Initial issue of report | Feb. 22, 2022 |
|              |         |                         |               |
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## 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                                                          |
| 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 (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 71)      | Pass               | Under limit<br>23.80 dB at<br>1559.000 MHz<br>and<br>1564.000 MHz |
|                                                                                                                                          | §2.1051<br>§27.53 (m)(4)                                                                         | Radiated Spurious Emission (Band 7) (Band 38) (Band 41)                                                                          |                    |                                                                   |
| Note: The module (Model: T99W175) makes no difference after verifying output power, this report reuses test data from the module report. |                                                                                                  |                                                                                                                                  |                    |                                                                   |

**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 this 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: Ruby Zou**

# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature                 |                                                                                                                                                      |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment                       | Notebook Computer                                                                                                                                    |
| Brand Name                      | Lenovo                                                                                                                                               |
| Model Name                      | TP00139A                                                                                                                                             |
| FCC ID                          | PU5-TP00139AS                                                                                                                                        |
| Sample 1                        | EUT with AWAN Antenna                                                                                                                                |
| Sample 2                        | EUT with LUXSHARE-ICT Antenna                                                                                                                        |
| EUT supports Radios application | WCDMA/HSPA/LTE/5G NR/GNSS<br>WLAN 11a/b/g/n HT20/HT40<br>WLAN 11ac VHT20/VHT40/VHT80/VHT160<br>WLAN 11ax HE20/HE40/HE80/HE160<br>Bluetooth BR/EDR/LE |
| EUT Stage                       | Production Unit                                                                                                                                      |

**Remark:**

1. The above EUT's information was declared by manufacturer.
2. Equipment: Foxconn T99W175 tested inside of Lenovo Notebook Computer.

| Antenna Information |              |              |                |                                                                                                                                                                                                                                                                                           |
|---------------------|--------------|--------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main Antenna        | Manufacturer | AWAN         | Peak gain(dBi) | LTE Band 2 : 0.18<br>LTE Band 4 : 0.18<br>LTE Band 5 : 0.04<br>LTE Band 7 : 1.12<br>LTE Band 12 : -1.87<br>LTE Band 13 : 0.34<br>LTE Band 17 : -1.79<br>LTE Band 25 : 0.19<br>LTE Band 26 : 0.04<br>LTE Band 38 : 1.12<br>LTE Band 41 : 1.40<br>LTE Band 66 : 0.45<br>LTE Band 71 : -1.66 |
|                     | Part number  | SA30Y56103AA | Type           | PIFA                                                                                                                                                                                                                                                                                      |
|                     | Manufacturer | LUXSHARE-ICT | Peak gain(dBi) | LTE Band 2 : 0.8<br>LTE Band 4 : 1.7<br>LTE Band 5 : -2.3<br>LTE Band 7 : 1.9<br>LTE Band 12 : -0.7<br>LTE Band 13 : 1.5<br>LTE Band 17 : -0.7<br>LTE Band 25 : 0.9<br>LTE Band 26 : -1.7<br>LTE Band 38 : 1.9<br>LTE Band 41 : 1.9<br>LTE Band 66 : 1.9<br>LTE Band 71 : -1.8            |
|                     | Part number  | SA30Y56102AA | Type           | PIFA                                                                                                                                                                                                                                                                                      |
| MIMO 2 Antenna      | Manufacturer | AWAN         | Peak gain(dBi) | LTE Band 2 : -0.31<br>LTE Band 4 : -0.14<br>LTE Band 7 : 1.95<br>LTE Band 25 : -0.31<br>LTE Band 38 : 1.91<br>LTE Band 41 : 1.93<br>LTE Band 66 : -0.42                                                                                                                                   |
|                     | Part number  | SA30Y56105AA | Type           | PIFA                                                                                                                                                                                                                                                                                      |
|                     | Manufacturer | LUXSHARE-ICT | Peak gain(dBi) | LTE Band 2 : 1.7<br>LTE Band 4 : 1.0<br>LTE Band 7 : 0.4<br>LTE Band 25 : 1.7<br>LTE Band 38 : 0.4<br>LTE Band 41 : 0.4<br>LTE Band 66 : 1.0                                                                                                                                              |
|                     | Part number  | SA30Y56104AA | Type           | PIFA                                                                                                                                                                                                                                                                                      |

**Remark:**

1. The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.
2. The output power measurement was performed with "AWAN Antenna", and performed with "LUXSHARE-ICT Antenna" in radiated spurious emission test as representative.



## 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 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Maximum Output Power to Antenna</b>            | LTE Band 2 : 23.25 dBm<br>LTE Band 4 : 23.21 dBm<br>LTE Band 5 : 23.13 dBm<br>LTE Band 5B : 23.66 dBm<br>LTE Band 7 : 23.19 dBm<br>LTE Band 7C : 23.39 dBm<br>LTE Band 12 : 22.74 dBm<br>LTE Band 13 : 22.94 dBm<br>LTE Band 17 : 22.90 dBm<br>LTE Band 25 : 23.22 dBm<br>LTE Band 26 : 23.06 dBm<br>LTE Band 38 : 23.24 dBm<br>LTE Band 38C : 23.34 dBm<br>LTE Band 41 : 23.26 dBm<br>LTE Band 41 : 25.83 dBm for HPUE<br>LTE Band 41C : 23.52 dBm<br>LTE Band 66 : 23.15 dBm<br>LTE Band 66B : 23.30 dBm<br>LTE Band 66C : 23.52 dBm<br>LTE Band 71 : 23.29 dBm |
| <b>Type of Modulation</b>                         | QPSK / 16QAM / 64QAM / 256QAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### 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., Taoyuan City 333                                                        |
| Test Site No.         | <b>Sporton Site No.</b>                                                                                      |
|                       | TH03-HY (TAF Code: 1190)                                                                                     |
| Test Engineer         | Haoen Zhang                                                                                                  |
| Temperature (°C)      | 21.4~23.3                                                                                                    |
| Relative Humidity (%) | 52.8~57.1                                                                                                    |
| 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., Taoyuan City 333010 |
| Test Site No.         | <b>Sporton Site No.</b>                                                      |
|                       | 03CH15-HY                                                                    |
| Test Engineer         | Leo Li, Mancy Chou and Bigshow Wang                                          |
| Temperature (°C)      | 22.5~24.5                                                                    |
| Relative Humidity (%) | 45~55                                                                        |

**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.

| 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.<br>Output<br>Power | 2    | v               | 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 | v |
|                         | 5    | v               | 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 | v |
|                         | 12   | v               | 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 | v |
|                         | 17   | -               | - | v | 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 | v |
|                         | 26   | v               | 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 | v |
|                         | 41   | -               | - | v | 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 | v |
|                         | 71   | -               | - | v | v  | v  | v  | v          | v     | v     | v      | v          | v    | v    | v            | v | v |
| E.R.P /<br>E.I.R.P      | 2    | v               | v | v | v  | v  | v  | v          | v     | v     | v      | Max. Power |      |      |              |   |   |
|                         | 4    | v               | v | v | v  | v  | v  | v          | v     | v     | v      |            |      |      |              |   |   |
|                         | 5    | v               | v | v | v  | -  | -  | v          | v     | v     | v      |            |      |      |              |   |   |
|                         | 7    | -               | - | v | v  | v  | v  | v          | v     | v     | v      |            |      |      |              |   |   |
|                         | 12   | v               | v | v | v  | -  | -  | v          | v     | v     | v      |            |      |      |              |   |   |
|                         | 13   | -               | - | v | v  | -  | -  | v          | v     | v     | v      |            |      |      |              |   |   |
|                         | 17   | -               | - | v | v  | -  | -  | v          | v     | v     | v      |            |      |      |              |   |   |
|                         | 25   | v               | v | v | v  | v  | v  | v          | v     | v     | v      |            |      |      |              |   |   |
|                         | 26   | v               | v | v | v  | v  | -  | v          | v     | v     | v      |            |      |      |              |   |   |
|                         | 38   | -               | - | v | v  | v  | v  | v          | v     | v     | v      |            |      |      |              |   |   |
|                         | 41   | -               | - | v | v  | v  | v  | v          | v     | v     | v      |            |      |      |              |   |   |
|                         | 66   | v               | v | v | v  | v  | v  | v          | v     | v     | v      |            |      |      |              |   |   |
|                         | 71   | -               | - | 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 |
| 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 | 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>All the radiated test cases were performed with Battery 1.</li> </ol> |                    |   |   |    |    |    |            |       |       |        |      |      |      |              |   |   |

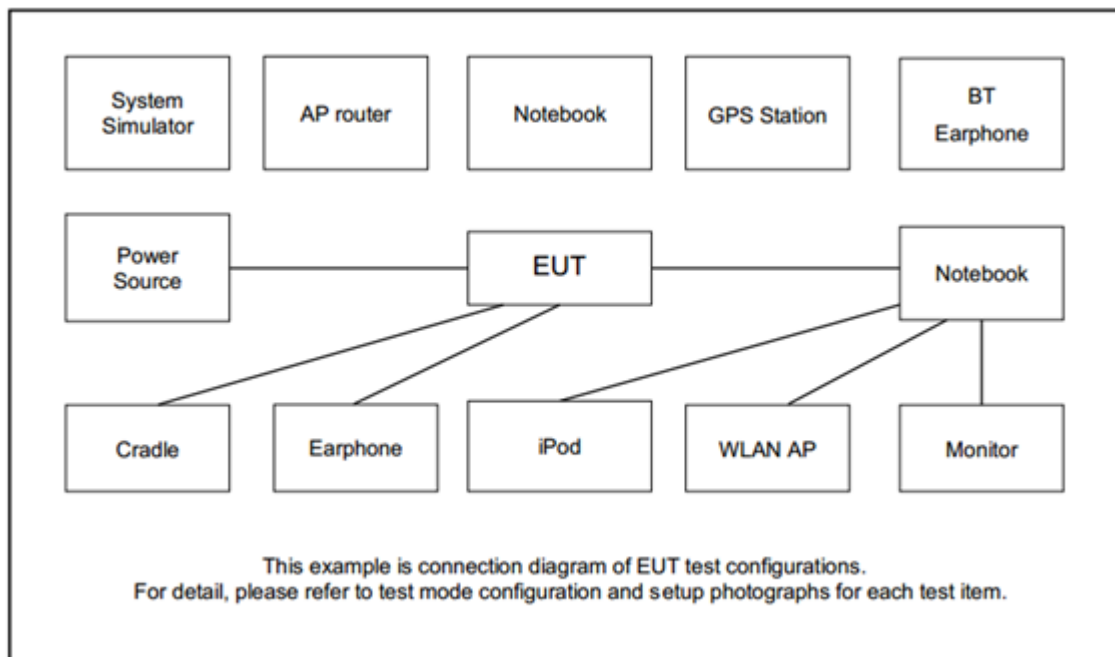
| Test Items                 | Band                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 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 |
| 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>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      |            |      |      |              |   |   |   |
| Radiated Spurious Emission | 7C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | v               |       |       |       |       | -    | -    |       |       | -     | v          |       |       |        | v          |      |      | v            | v | v |   |
|                            | 38C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | v               | -     | -     | -     | -     | -    | -    |       | -     | -     | v          |       |       |        | v          |      |      |              | v |   |   |
|                            | 41C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | v               |       |       |       |       |      |      |       |       |       | v          |       |       |        | v          |      |      |              | v |   |   |
|                            | 66C_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | v               |       |       |       |       |      |      |       | -     | -     | v          |       |       |        | v          |      |      | v            | v | v |   |
| Remark                     | <div>1. The mark "v " means that this configuration is chosen for testing</div> <div>2. The mark "- " means that this bandwidth is not supported.</div> <div>3. 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.</div> <div>4. All the radiated test cases were performed with Battery 1.</div> |                 |       |       |       |       |      |      |       |       |       |            |       |       |        |            |      |      |              |   |   |   |

| 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 | 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>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.   | System Simulator | Anritsu    | MT8821C   | N/A          | N/A               | Unshielded, 1.8 m |
| 3.   | iPod Earphone    | Apple      | N/A       | Verification | Unshielded, 1.0 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  |



| LTE Band 5 Channel and Frequency List |                        |        |        |         |
|---------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                              | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 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   |

| LTE Band 7 Channel and Frequency List |                        |        |        |         |
|---------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                              | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 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  |

| LTE Band 12 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 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   |



| LTE Band 13 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                     | Channel                | -      | 23230  | -       |
|                                        | Frequency              | -      | 782    | -       |
| 5                                      | Channel                | 23205  | 23230  | 23255   |
|                                        | Frequency              | 779.5  | 782    | 784.5   |

| LTE Band 17 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                     | Channel                | 23780  | 23790  | 23800   |
|                                        | Frequency              | 709    | 710    | 711     |
| 5                                      | Channel                | 23755  | 23790  | 23825   |
|                                        | Frequency              | 706.5  | 710    | 713.5   |

| LTE Band 25 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 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  |



| LTE Band 26 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 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   |

| LTE Band 38 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 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  |

| LTE Band 41 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 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 | 132446 | 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 | 132447 | 132622  |
|                                            |                        | Frequency | 1720   | 1757.5 | 1775    |
| 10 + 5                                     | PCC                    | Channel   | 132022 | 132397 | 132572  |
|                                            |                        | Frequency | 1715   | 1752.5 | 1770    |
|                                            | SCC                    | Channel   | 132094 | 132469 | 132644  |
|                                            |                        | Frequency | 1722.2 | 1759.7 | 1777.2  |
| 5 + 15                                     | PCC                    | Channel   | 132002 | 132353 | 132504  |
|                                            |                        | Frequency | 1713   | 1748.1 | 1763.2  |
|                                            | SCC                    | Channel   | 132095 | 132446 | 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  |
| 15 + 20                                    | PCC                    | Channel   | 132050 | 132325 | 132401  |
|                                            |                        | Frequency | 1717.8 | 1745.3 | 1752.9  |
|                                            | SCC                    | Channel   | 132221 | 132496 | 132572  |
|                                            |                        | Frequency | 1734.9 | 1762.4 | 1770.0  |
| 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 |                        |           |        |        |         |
|--------------------------------------------|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                   | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 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  |

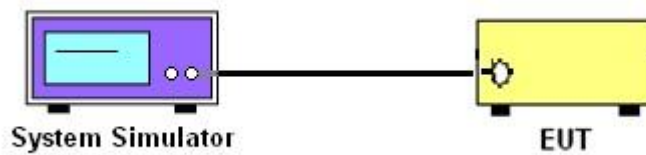
### 3 Conducted Test Items

#### 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.

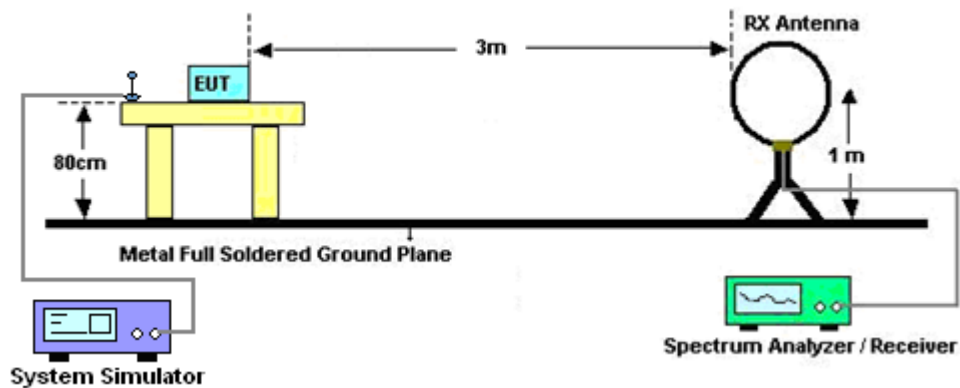
## 4 Radiated Test Items

### 4.1 Measuring Instruments

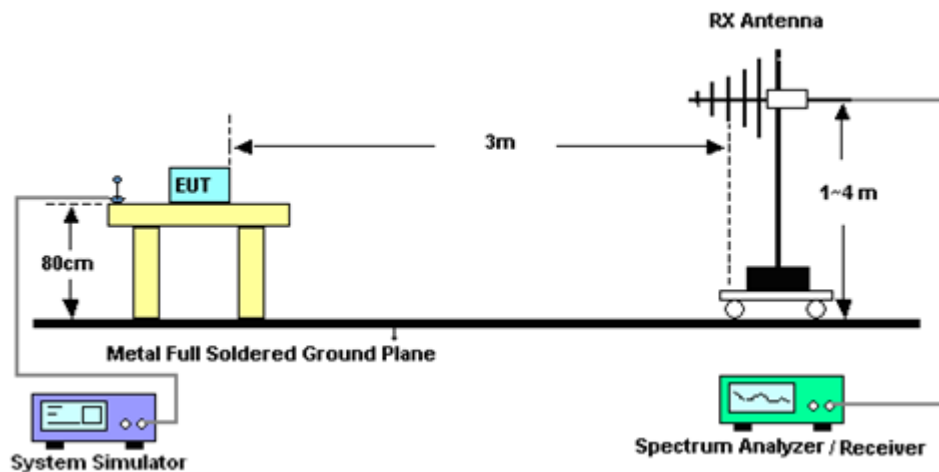
See list of measuring instruments of this test report.

#### 4.1.1 Test Setup

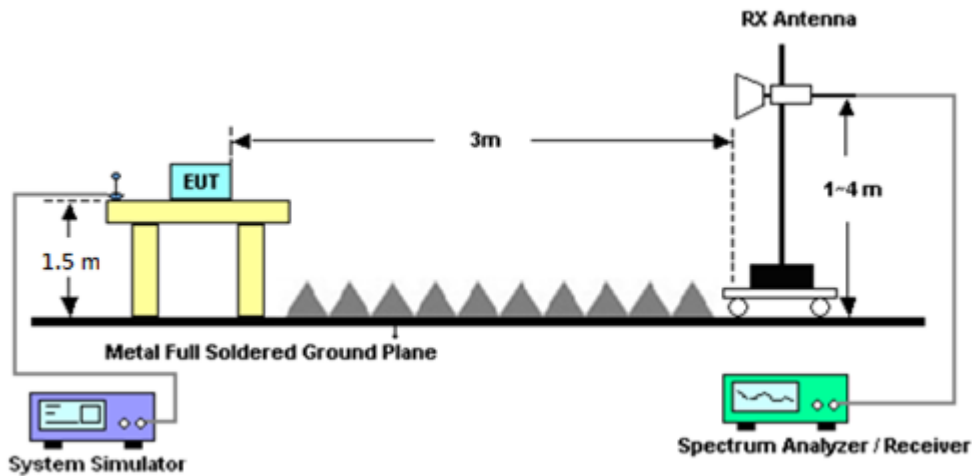
For radiated test below 30MHz



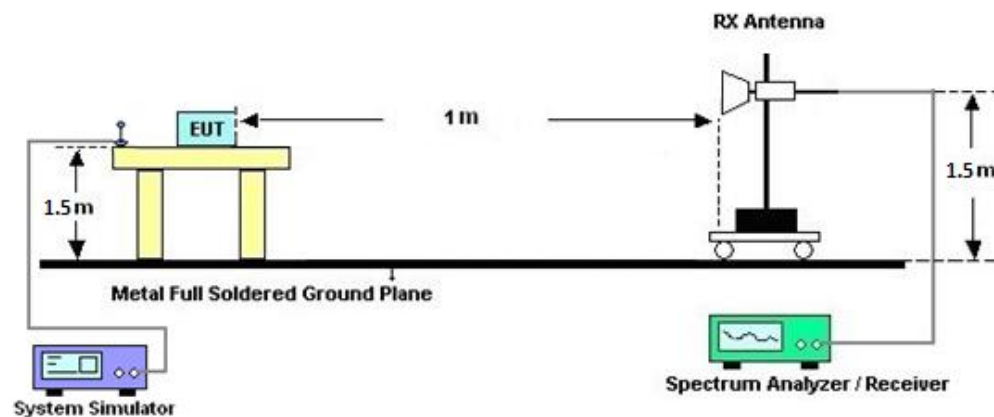
For radiated test from 30MHz to 1GHz



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               | Sep. 07, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Sep. 06, 2022 | Radiation<br>(03CH15-HY) |
| Bilog Antenna           | TESEQ              | CBL 6111D &<br>00800N1D01N-06   | 37059 & 01                             | 30MHz~1GHz                 | Oct. 09, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Oct. 08, 2022 | Radiation<br>(03CH15-HY) |
| Bilog Antenna           | TESEQ              | CBL6111D&008<br>00N1D01N-06     | 40103 & 07                             | 30MHz to 1GHz              | Apr. 28, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Apr. 27, 2022 | Radiation<br>(03CH15-HY) |
| Amplifier               | SONOMA             | 310N                            | 363440                                 | 9kHz~1GHz                  | Dec. 30, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Dec. 29, 2022 | Radiation<br>(03CH15-HY) |
| Horn Antenna            | SCHWARZBE<br>CK    | BBHA 9120 D                     | 9120D-02038                            | 1-18GHz                    | Aug. 04, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Aug. 03, 2022 | Radiation<br>(03CH15-HY) |
| Horn Antenna            | SCHWARZBE<br>CK    | BBHA 9120 D                     | 9120D-1326                             | 1GHz~18GHz                 | Oct. 25, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Oct. 24, 2022 | Radiation<br>(03CH15-HY) |
| SHF-EHF Horn<br>Antenna | SCHWARZBE<br>CK    | BBHA 9170                       | 00991                                  | 18GHz- 40GHz               | May 11, 2021     | Jan. 20, 2022~<br>Feb. 08, 2022 | May 10, 2022  | Radiation<br>(03CH15-HY) |
| Preamplifier            | Jet-Power          | JPA0118-55-303                  | 171000180005<br>5006                   | 1GHz~18GHz                 | May 06, 2021     | Jan. 20, 2022~<br>Feb. 08, 2022 | May 05, 2022  | Radiation<br>(03CH15-HY) |
| Preamplifier            | EM Electronics     | EM01G18G                        | 060803                                 | 1GHz-18GHz                 | Dec. 16, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Dec. 15, 2022 | Radiation<br>(03CH15-HY) |
| Preamplifier            | EMEC               | EM18G40G                        | 060801                                 | 18GHz~40GHz                | Jun. 22, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Jun. 21, 2022 | Radiation<br>(03CH15-HY) |
| Spectrum<br>Analyzer    | Keysight           | N9038A                          | MY54130085                             | 20MHz~8.4GHz               | Oct. 21, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Oct. 20, 2022 | Radiation<br>(03CH15-HY) |
| Spectrum<br>Analyzer    | Keysight           | N9010A                          | MY54200485                             | 10Hz~44GHz                 | Mar. 05, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Mar. 04, 2022 | Radiation<br>(03CH15-HY) |
| Antenna Mast            | ChainTek           | MBS-520-1                       | N/A                                    | 1m~4m                      | N/A              | Jan. 20, 2022~<br>Feb. 08, 2022 | N/A           | Radiation<br>(03CH15-HY) |
| Turn Table              | ChainTek           | T-200-S-1                       | N/A                                    | 0~360 Degree               | N/A              | Jan. 20, 2022~<br>Feb. 08, 2022 | N/A           | Radiation<br>(03CH15-HY) |
| Software                | Audix              | E3<br>6.2009-8-24(k5)           | RK-000451                              | N/A                        | N/A              | Jan. 20, 2022~<br>Feb. 08, 2022 | N/A           | Radiation<br>(03CH15-HY) |
| RF Cable                | HUBER +<br>SUHNER  | SUCOFLEX 104,<br>102E           | MY36980/4,M<br>Y9838/4PE,50<br>8405/2E | 30MHz~18G                  | Nov. 15, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Nov. 14, 2022 | Radiation<br>(03CH15-HY) |
| RF Cable                | HUBER +<br>SUHNER  | SUCOFLEX 104,<br>102E           | MY36980/4,M<br>Y9838/4PE,50<br>8405/2E | 30MHz~18G                  | Nov. 15, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Nov. 14, 2022 | Radiation<br>(03CH15-HY) |
| RF Cable                | HUBER +<br>SUHNER  | SUCOFLEX 104,<br>102E           | MY36980/4,M<br>Y9838/4PE,50<br>8405/2E | 30MHz~18G                  | Nov. 15, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Nov. 14, 2022 | Radiation<br>(03CH15-HY) |
| RF Cable                | HUBER +<br>SUHNER  | SUCOFLEX 102                    | 505134/2                               | 30MHz-40GHz                | Feb. 22, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Feb. 21, 2022 | Radiation<br>(03CH15-HY) |
| RF Cable                | HUBER +<br>SUHNER  | SUCOFLEX 102                    | 800740/2                               | 30MHz-40GHz                | Feb. 22, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Feb. 21, 2022 | Radiation<br>(03CH15-HY) |
| RF Cable                | HUBER +<br>SUHNER  | SUCOFLEX 104                    | MY9837/4PE                             | 9kHz~30MHz                 | Mar. 11, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Mar. 10, 2022 | Radiation<br>(03CH15-HY) |
| Filter                  | Wainwright         | WLK4-1000-153<br>0-8000-40SS    | SN12                                   | 1.53GHz Low<br>Pass Filter | Jul. 02, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Jul. 01, 2022 | Radiation<br>(03CH15-HY) |
| Filter                  | Wainwright         | WHKX12-935-10<br>00-15000-40ST  | SN1                                    | 1GHz High<br>Pass Filter   | Apr. 29, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Apr. 28, 2022 | Radiation<br>(03CH15-HY) |
| Filter                  | Wainwright         | WHKX12-2700-3<br>000-18000-60ST | SN4                                    | 3GHz High<br>Pass Filter   | Sep. 15, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Sep. 14, 2022 | Radiation<br>(03CH15-HY) |
| Signal<br>Generator     | Rohde &<br>Schwarz | SMF100A                         | 101107                                 | 0.1Hz~40GHz                | Dec. 08, 2021    | Jan. 20, 2022~<br>Feb. 08, 2022 | Dec. 07, 2022 | Radiation<br>(03CH15-HY) |



| Instrument                   | Brand Name | Model No. | Serial No. | Characteristics                                                   | Calibration Date | Test Date                    | Due Date      | Remark              |
|------------------------------|------------|-----------|------------|-------------------------------------------------------------------|------------------|------------------------------|---------------|---------------------|
| Radio Communication Analyzer | Anritsu    | MT8821C   | 6201664755 | 2/3/4G/LTE FDD/TDD with44)/LTE-3C C DLCA/2CC ULCA, CatM1/NB1/NB 2 | Jul. 21, 2021    | Feb. 11, 2022~ Feb. 15, 2022 | Jul. 20, 2022 | Conducted (TH03-HY) |



## 6 Uncertainty of Evaluation

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

|                                                                          |         |
|--------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 2.92 dB |
|--------------------------------------------------------------------------|---------|

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

|                                                                          |         |
|--------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 3.72 dB |
|--------------------------------------------------------------------------|---------|

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

|                                                                          |         |
|--------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 3.94 dB |
|--------------------------------------------------------------------------|---------|



## Appendix A. Test Results of Conducted Test

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

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.8 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                        | 1         | 0         | QPSK    | 23.25  | 23.16  | 23.11   | 24.05      | 0.2541   |
| 20                                                        | 1         | 49        |         | 22.96  | 22.93  | 23.00   |            |          |
| 20                                                        | 1         | 99        |         | 22.72  | 22.96  | 22.88   |            |          |
| 20                                                        | 50        | 0         |         | 22.28  | 22.13  | 22.19   |            |          |
| 20                                                        | 50        | 24        |         | 22.24  | 22.05  | 22.11   |            |          |
| 20                                                        | 50        | 50        |         | 22.16  | 22.03  | 22.10   |            |          |
| 20                                                        | 100       | 0         |         | 22.08  | 22.04  | 22.12   |            |          |
| 20                                                        | 1         | 0         | 16-QAM  | 22.61  | 22.35  | 22.44   | 23.41      | 0.2193   |
| 20                                                        | 1         | 49        |         | 22.43  | 22.25  | 22.35   |            |          |
| 20                                                        | 1         | 99        |         | 22.20  | 22.19  | 22.25   |            |          |
| 20                                                        | 50        | 0         |         | 21.24  | 21.11  | 21.15   |            |          |
| 20                                                        | 50        | 24        |         | 21.26  | 21.14  | 21.14   |            |          |
| 20                                                        | 50        | 50        |         | 21.23  | 21.09  | 21.12   |            |          |
| 20                                                        | 100       | 0         |         | 21.15  | 21.11  | 21.12   |            |          |
| 20                                                        | 1         | 0         | 64-QAM  | 21.29  | 21.20  | 21.21   | 22.09      | 0.1618   |
| 20                                                        | 1         | 49        |         | 21.27  | 21.09  | 20.87   |            |          |
| 20                                                        | 1         | 99        |         | 21.13  | 21.03  | 21.06   |            |          |
| 20                                                        | 50        | 0         |         | 20.26  | 20.06  | 20.07   |            |          |
| 20                                                        | 50        | 24        |         | 20.19  | 20.14  | 20.13   |            |          |
| 20                                                        | 50        | 50        |         | 20.30  | 20.09  | 20.15   |            |          |
| 20                                                        | 100       | 0         |         | 20.27  | 20.10  | 20.06   |            |          |
| 20                                                        | 1         | 0         | 256-QAM | 18.08  | 18.04  | 18.07   | 19.07      | 0.0807   |
| 20                                                        | 1         | 49        |         | 18.14  | 18.04  | 17.96   |            |          |
| 20                                                        | 1         | 99        |         | 18.27  | 17.94  | 18.02   |            |          |
| 20                                                        | 50        | 0         |         | 18.15  | 17.96  | 17.86   |            |          |
| 20                                                        | 50        | 24        |         | 18.07  | 17.93  | 18.01   |            |          |
| 20                                                        | 50        | 50        |         | 18.11  | 17.97  | 17.96   |            |          |
| 20                                                        | 100       | 0         |         | 18.27  | 18.02  | 17.98   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.8 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                        | 1         | 0         | QPSK    | 23.15  | 23.10  | 23.10   | 23.95      | 0.2483   |
| 15                                                        | 1         | 37        |         | 22.87  | 22.84  | 22.96   |            |          |
| 15                                                        | 1         | 74        |         | 22.65  | 22.96  | 22.86   |            |          |
| 15                                                        | 36        | 0         |         | 22.19  | 22.07  | 22.15   |            |          |
| 15                                                        | 36        | 20        |         | 22.20  | 22.05  | 22.07   |            |          |
| 15                                                        | 36        | 39        |         | 22.09  | 22.03  | 22.11   |            |          |
| 15                                                        | 75        | 0         |         | 22.01  | 21.95  | 22.07   |            |          |
| 15                                                        | 1         | 0         | 16-QAM  | 22.59  | 22.33  | 22.36   | 23.39      | 0.2183   |
| 15                                                        | 1         | 37        |         | 22.39  | 22.15  | 22.26   |            |          |
| 15                                                        | 1         | 74        |         | 22.16  | 22.17  | 22.19   |            |          |
| 15                                                        | 36        | 0         |         | 21.19  | 21.01  | 21.13   |            |          |
| 15                                                        | 36        | 20        |         | 21.19  | 21.13  | 21.09   |            |          |
| 15                                                        | 36        | 39        |         | 21.21  | 21.06  | 21.08   |            |          |
| 15                                                        | 75        | 0         |         | 21.11  | 21.10  | 21.03   |            |          |
| 15                                                        | 1         | 0         | 64-QAM  | 21.27  | 21.13  | 21.11   | 22.07      | 0.1611   |
| 15                                                        | 1         | 37        |         | 21.23  | 21.03  | 20.78   |            |          |
| 15                                                        | 1         | 74        |         | 21.06  | 20.94  | 21.02   |            |          |
| 15                                                        | 36        | 0         |         | 20.20  | 19.96  | 19.99   |            |          |
| 15                                                        | 36        | 20        |         | 20.09  | 20.07  | 20.11   |            |          |
| 15                                                        | 36        | 39        |         | 20.27  | 20.06  | 20.12   |            |          |
| 15                                                        | 75        | 0         |         | 20.23  | 20.04  | 20.04   |            |          |
| 15                                                        | 1         | 0         | 256-QAM | 18.07  | 17.99  | 18.07   | 19.05      | 0.0804   |
| 15                                                        | 1         | 37        |         | 18.12  | 17.84  | 17.93   |            |          |
| 15                                                        | 1         | 74        |         | 18.18  | 17.79  | 17.93   |            |          |
| 15                                                        | 36        | 0         |         | 17.98  | 17.93  | 17.72   |            |          |
| 15                                                        | 36        | 20        |         | 18.02  | 17.88  | 17.81   |            |          |
| 15                                                        | 36        | 39        |         | 18.00  | 17.89  | 17.79   |            |          |
| 15                                                        | 75        | 0         |         | 18.25  | 18.02  | 17.96   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.8 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                        | 1         | 0         | QPSK    | 23.20  | 23.07  | 23.02   | 24.00      | 0.2512   |
| 10                                                        | 1         | 25        |         | 22.90  | 22.89  | 22.94   |            |          |
| 10                                                        | 1         | 49        |         | 22.62  | 22.93  | 22.84   |            |          |
| 10                                                        | 25        | 0         |         | 22.26  | 22.11  | 22.14   |            |          |
| 10                                                        | 25        | 12        |         | 22.16  | 21.98  | 22.02   |            |          |
| 10                                                        | 25        | 25        |         | 22.06  | 22.04  | 22.11   |            |          |
| 10                                                        | 50        | 0         |         | 22.03  | 22.00  | 22.05   |            |          |
| 10                                                        | 1         | 0         | 16-QAM  | 22.57  | 22.27  | 22.40   | 23.37      | 0.2173   |
| 10                                                        | 1         | 25        |         | 22.43  | 22.20  | 22.25   |            |          |
| 10                                                        | 1         | 49        |         | 22.13  | 22.15  | 22.17   |            |          |
| 10                                                        | 25        | 0         |         | 21.22  | 21.07  | 21.06   |            |          |
| 10                                                        | 25        | 12        |         | 21.20  | 21.13  | 21.11   |            |          |
| 10                                                        | 25        | 25        |         | 21.20  | 20.99  | 21.06   |            |          |
| 10                                                        | 50        | 0         |         | 21.06  | 21.06  | 21.04   |            |          |
| 10                                                        | 1         | 0         | 64-QAM  | 21.24  | 21.13  | 21.21   | 22.04      | 0.1600   |
| 10                                                        | 1         | 25        |         | 21.23  | 20.99  | 20.79   |            |          |
| 10                                                        | 1         | 49        |         | 21.08  | 21.03  | 21.00   |            |          |
| 10                                                        | 25        | 0         |         | 20.21  | 19.96  | 20.04   |            |          |
| 10                                                        | 25        | 12        |         | 20.09  | 20.13  | 20.12   |            |          |
| 10                                                        | 25        | 25        |         | 20.26  | 20.03  | 20.10   |            |          |
| 10                                                        | 50        | 0         |         | 20.23  | 20.00  | 19.99   |            |          |
| 10                                                        | 1         | 0         | 256-QAM | 18.04  | 18.04  | 17.87   | 19.00      | 0.0794   |
| 10                                                        | 1         | 25        |         | 18.03  | 18.02  | 17.76   |            |          |
| 10                                                        | 1         | 49        |         | 18.20  | 17.76  | 17.97   |            |          |
| 10                                                        | 25        | 0         |         | 18.06  | 17.95  | 17.74   |            |          |
| 10                                                        | 25        | 12        |         | 17.91  | 17.83  | 17.90   |            |          |
| 10                                                        | 25        | 25        |         | 18.02  | 17.88  | 17.94   |            |          |
| 10                                                        | 50        | 0         |         | 18.20  | 17.98  | 17.85   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.8 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                         | 1         | 0         | QPSK    | 23.24  | 23.06  | 23.06   | 24.04      | 0.2535   |
| 5                                                         | 1         | 12        |         | 22.87  | 22.86  | 22.99   |            |          |
| 5                                                         | 1         | 24        |         | 22.63  | 22.93  | 22.81   |            |          |
| 5                                                         | 12        | 0         |         | 22.27  | 22.06  | 22.11   |            |          |
| 5                                                         | 12        | 7         |         | 22.17  | 22.03  | 22.07   |            |          |
| 5                                                         | 12        | 13        |         | 22.16  | 22.03  | 22.19   |            |          |
| 5                                                         | 25        | 0         |         | 22.03  | 21.96  | 22.03   |            |          |
| 5                                                         | 1         | 0         | 16-QAM  | 22.58  | 22.26  | 22.43   | 23.38      | 0.2178   |
| 5                                                         | 1         | 12        |         | 22.39  | 22.24  | 22.26   |            |          |
| 5                                                         | 1         | 24        |         | 22.19  | 22.09  | 22.20   |            |          |
| 5                                                         | 12        | 0         |         | 21.16  | 21.08  | 21.07   |            |          |
| 5                                                         | 12        | 7         |         | 21.17  | 21.06  | 21.14   |            |          |
| 5                                                         | 12        | 13        |         | 21.22  | 21.06  | 21.03   |            |          |
| 5                                                         | 25        | 0         |         | 21.15  | 21.01  | 21.04   |            |          |
| 5                                                         | 1         | 0         | 64-QAM  | 21.21  | 21.17  | 21.20   | 22.01      | 0.1589   |
| 5                                                         | 1         | 12        |         | 21.19  | 21.01  | 20.79   |            |          |
| 5                                                         | 1         | 24        |         | 21.03  | 20.98  | 21.02   |            |          |
| 5                                                         | 12        | 0         |         | 20.16  | 20.03  | 19.98   |            |          |
| 5                                                         | 12        | 7         |         | 20.19  | 20.09  | 20.07   |            |          |
| 5                                                         | 12        | 13        |         | 20.30  | 20.06  | 20.08   |            |          |
| 5                                                         | 25        | 0         |         | 20.21  | 20.07  | 19.98   |            |          |
| 5                                                         | 1         | 0         | 256-QAM | 18.06  | 18.02  | 18.04   | 18.95      | 0.0785   |
| 5                                                         | 1         | 12        |         | 18.12  | 18.04  | 17.76   |            |          |
| 5                                                         | 1         | 24        |         | 18.15  | 17.86  | 17.86   |            |          |
| 5                                                         | 12        | 0         |         | 17.95  | 17.94  | 17.82   |            |          |
| 5                                                         | 12        | 7         |         | 17.90  | 17.75  | 17.92   |            |          |
| 5                                                         | 12        | 13        |         | 17.99  | 17.78  | 17.83   |            |          |
| 5                                                         | 25        | 0         |         | 18.10  | 17.92  | 17.79   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.8 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                         | 1         | 0         | QPSK    | 23.18  | 23.06  | 23.06   | 23.98      | 0.2500   |
| 3                                                         | 1         | 8         |         | 22.87  | 22.91  | 22.96   |            |          |
| 3                                                         | 1         | 14        |         | 22.66  | 22.87  | 22.80   |            |          |
| 3                                                         | 8         | 0         |         | 22.19  | 22.13  | 22.12   |            |          |
| 3                                                         | 8         | 4         |         | 22.23  | 22.04  | 22.05   |            |          |
| 3                                                         | 8         | 7         |         | 22.10  | 22.10  | 22.10   |            |          |
| 3                                                         | 15        | 0         |         | 21.98  | 21.97  | 22.12   |            |          |
| 3                                                         | 1         | 0         | 16-QAM  | 22.54  | 22.32  | 22.34   | 23.34      | 0.2158   |
| 3                                                         | 1         | 8         |         | 22.35  | 22.19  | 22.28   |            |          |
| 3                                                         | 1         | 14        |         | 22.18  | 22.16  | 22.20   |            |          |
| 3                                                         | 8         | 0         |         | 21.14  | 21.04  | 21.09   |            |          |
| 3                                                         | 8         | 4         |         | 21.16  | 21.11  | 21.12   |            |          |
| 3                                                         | 8         | 7         |         | 21.17  | 21.01  | 21.07   |            |          |
| 3                                                         | 15        | 0         |         | 21.05  | 21.02  | 21.05   |            |          |
| 3                                                         | 1         | 0         | 64-QAM  | 21.24  | 21.19  | 21.19   | 22.04      | 0.1600   |
| 3                                                         | 1         | 8         |         | 21.22  | 21.07  | 20.82   |            |          |
| 3                                                         | 1         | 14        |         | 21.05  | 20.99  | 21.02   |            |          |
| 3                                                         | 8         | 0         |         | 20.24  | 19.97  | 19.98   |            |          |
| 3                                                         | 8         | 4         |         | 20.17  | 20.13  | 20.03   |            |          |
| 3                                                         | 8         | 7         |         | 20.26  | 20.07  | 20.08   |            |          |
| 3                                                         | 15        | 0         |         | 20.21  | 20.07  | 20.00   |            |          |
| 3                                                         | 1         | 0         | 256-QAM | 18.02  | 17.87  | 17.95   | 18.95      | 0.0785   |
| 3                                                         | 1         | 8         |         | 18.01  | 17.94  | 17.96   |            |          |
| 3                                                         | 1         | 14        |         | 18.15  | 17.82  | 17.88   |            |          |
| 3                                                         | 8         | 0         |         | 18.04  | 17.81  | 17.69   |            |          |
| 3                                                         | 8         | 4         |         | 18.03  | 17.73  | 17.84   |            |          |
| 3                                                         | 8         | 7         |         | 18.03  | 17.92  | 17.86   |            |          |
| 3                                                         | 15        | 0         |         | 18.07  | 17.83  | 17.85   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.8 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                       | 1         | 0         | QPSK    | 22.91  | 22.69  | 22.81   | 23.73      | 0.2360   |
| 1.4                                                       | 1         | 3         |         | 22.89  | 22.75  | 22.74   |            |          |
| 1.4                                                       | 1         | 5         |         | 22.86  | 22.73  | 22.79   |            |          |
| 1.4                                                       | 3         | 0         |         | 22.82  | 22.75  | 22.80   |            |          |
| 1.4                                                       | 3         | 1         |         | 22.93  | 22.79  | 22.87   |            |          |
| 1.4                                                       | 3         | 3         |         | 22.93  | 22.81  | 22.74   |            |          |
| 1.4                                                       | 6         | 0         |         | 21.93  | 21.78  | 22.01   |            |          |
| 1.4                                                       | 1         | 0         | 16-QAM  | 22.34  | 21.92  | 22.06   | 23.14      | 0.2061   |
| 1.4                                                       | 1         | 3         |         | 22.14  | 22.01  | 22.26   |            |          |
| 1.4                                                       | 1         | 5         |         | 22.11  | 21.91  | 22.10   |            |          |
| 1.4                                                       | 3         | 0         |         | 22.10  | 21.84  | 21.95   |            |          |
| 1.4                                                       | 3         | 1         |         | 22.16  | 21.89  | 22.00   |            |          |
| 1.4                                                       | 3         | 3         |         | 22.10  | 21.88  | 21.94   |            |          |
| 1.4                                                       | 6         | 0         |         | 21.04  | 20.88  | 21.00   |            |          |
| 1.4                                                       | 1         | 0         | 64-QAM  | 21.23  | 20.99  | 21.01   | 22.10      | 0.1622   |
| 1.4                                                       | 1         | 3         |         | 21.13  | 21.08  | 21.19   |            |          |
| 1.4                                                       | 1         | 5         |         | 21.30  | 21.08  | 21.12   |            |          |
| 1.4                                                       | 3         | 0         |         | 21.12  | 20.88  | 21.04   |            |          |
| 1.4                                                       | 3         | 1         |         | 21.19  | 21.08  | 21.13   |            |          |
| 1.4                                                       | 3         | 3         |         | 21.19  | 21.08  | 21.06   |            |          |
| 1.4                                                       | 6         | 0         |         | 20.00  | 19.91  | 19.95   |            |          |
| 1.4                                                       | 1         | 0         | 256-QAM | 18.06  | 18.02  | 17.93   | 19.07      | 0.0807   |
| 1.4                                                       | 1         | 3         |         | 18.09  | 17.86  | 17.92   |            |          |
| 1.4                                                       | 1         | 5         |         | 18.27  | 17.77  | 17.86   |            |          |
| 1.4                                                       | 3         | 0         |         | 18.08  | 17.95  | 17.77   |            |          |
| 1.4                                                       | 3         | 1         |         | 18.00  | 17.76  | 17.83   |            |          |
| 1.4                                                       | 3         | 3         |         | 17.93  | 17.93  | 17.90   |            |          |
| 1.4                                                       | 6         | 0         |         | 18.27  | 17.82  | 17.91   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                         | 1         | 0         | QPSK    | 23.22  | 23.09  | 22.99   | 24.12      | 0.2582   |
| 20                                                         | 1         | 49        |         | 23.13  | 22.96  | 22.86   |            |          |
| 20                                                         | 1         | 99        |         | 23.03  | 22.92  | 22.95   |            |          |
| 20                                                         | 50        | 0         |         | 22.31  | 22.20  | 21.98   |            |          |
| 20                                                         | 50        | 24        |         | 22.11  | 21.95  | 22.04   |            |          |
| 20                                                         | 50        | 50        |         | 22.08  | 22.16  | 21.97   |            |          |
| 20                                                         | 100       | 0         |         | 22.27  | 22.13  | 21.88   |            |          |
| 20                                                         | 1         | 0         | 16-QAM  | 21.97  | 22.22  | 22.10   | 23.17      | 0.2075   |
| 20                                                         | 1         | 49        |         | 22.27  | 21.89  | 22.11   |            |          |
| 20                                                         | 1         | 99        |         | 22.14  | 22.23  | 21.87   |            |          |
| 20                                                         | 50        | 0         |         | 21.34  | 20.86  | 21.02   |            |          |
| 20                                                         | 50        | 24        |         | 20.98  | 20.97  | 21.03   |            |          |
| 20                                                         | 50        | 50        |         | 21.19  | 21.23  | 20.82   |            |          |
| 20                                                         | 100       | 0         |         | 21.35  | 21.27  | 21.01   |            |          |
| 20                                                         | 1         | 0         | 64-QAM  | 21.10  | 21.21  | 20.80   | 22.12      | 0.1629   |
| 20                                                         | 1         | 49        |         | 21.14  | 20.91  | 20.90   |            |          |
| 20                                                         | 1         | 99        |         | 21.22  | 20.98  | 20.89   |            |          |
| 20                                                         | 50        | 0         |         | 19.97  | 19.80  | 19.89   |            |          |
| 20                                                         | 50        | 24        |         | 20.20  | 20.22  | 20.15   |            |          |
| 20                                                         | 50        | 50        |         | 20.39  | 20.08  | 20.08   |            |          |
| 20                                                         | 100       | 0         |         | 20.22  | 20.21  | 19.83   |            |          |
| 20                                                         | 1         | 0         | 256-QAM | 17.49  | 17.61  | 17.60   | 18.95      | 0.0785   |
| 20                                                         | 1         | 49        |         | 17.73  | 17.84  | 17.53   |            |          |
| 20                                                         | 1         | 99        |         | 17.95  | 18.05  | 17.54   |            |          |
| 20                                                         | 50        | 0         |         | 17.49  | 17.55  | 17.72   |            |          |
| 20                                                         | 50        | 24        |         | 17.64  | 17.68  | 17.55   |            |          |
| 20                                                         | 50        | 50        |         | 17.91  | 17.77  | 17.51   |            |          |
| 20                                                         | 100       | 0         |         | 17.42  | 17.64  | 17.72   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                         | 1         | 0         | QPSK    | 23.21  | 22.99  | 22.94   | 24.11      | 0.2576   |
| 15                                                         | 1         | 37        |         | 23.11  | 22.91  | 22.76   |            |          |
| 15                                                         | 1         | 74        |         | 22.96  | 22.91  | 22.94   |            |          |
| 15                                                         | 36        | 0         |         | 22.24  | 22.15  | 21.88   |            |          |
| 15                                                         | 36        | 20        |         | 22.07  | 21.85  | 22.00   |            |          |
| 15                                                         | 36        | 39        |         | 22.07  | 22.08  | 21.92   |            |          |
| 15                                                         | 75        | 0         |         | 22.24  | 22.07  | 21.81   |            |          |
| 15                                                         | 1         | 0         | 16-QAM  | 21.92  | 22.14  | 22.08   | 23.09      | 0.2037   |
| 15                                                         | 1         | 37        |         | 22.19  | 21.84  | 22.03   |            |          |
| 15                                                         | 1         | 74        |         | 22.07  | 22.18  | 21.78   |            |          |
| 15                                                         | 36        | 0         |         | 21.24  | 20.82  | 21.02   |            |          |
| 15                                                         | 36        | 20        |         | 20.95  | 20.94  | 21.01   |            |          |
| 15                                                         | 36        | 39        |         | 21.11  | 21.15  | 20.72   |            |          |
| 15                                                         | 75        | 0         |         | 21.28  | 21.21  | 21.00   |            |          |
| 15                                                         | 1         | 0         | 64-QAM  | 21.03  | 21.16  | 20.80   | 22.09      | 0.1618   |
| 15                                                         | 1         | 37        |         | 21.11  | 20.89  | 20.87   |            |          |
| 15                                                         | 1         | 74        |         | 21.19  | 20.89  | 20.81   |            |          |
| 15                                                         | 36        | 0         |         | 19.94  | 19.80  | 19.82   |            |          |
| 15                                                         | 36        | 20        |         | 20.11  | 20.13  | 20.05   |            |          |
| 15                                                         | 36        | 39        |         | 20.31  | 20.00  | 20.01   |            |          |
| 15                                                         | 75        | 0         |         | 20.15  | 20.19  | 19.80   |            |          |
| 15                                                         | 1         | 0         | 256-QAM | 17.60  | 17.63  | 17.44   | 18.86      | 0.0769   |
| 15                                                         | 1         | 37        |         | 17.81  | 17.72  | 17.59   |            |          |
| 15                                                         | 1         | 74        |         | 17.93  | 17.86  | 17.66   |            |          |
| 15                                                         | 36        | 0         |         | 17.53  | 17.50  | 17.65   |            |          |
| 15                                                         | 36        | 20        |         | 17.71  | 17.70  | 17.49   |            |          |
| 15                                                         | 36        | 39        |         | 17.96  | 17.85  | 17.68   |            |          |
| 15                                                         | 75        | 0         |         | 17.46  | 17.60  | 17.74   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                         | 1         | 0         | QPSK    | 23.14  | 23.08  | 22.93   | 24.04      | 0.2535   |
| 10                                                         | 1         | 25        |         | 23.03  | 22.95  | 22.83   |            |          |
| 10                                                         | 1         | 49        |         | 23.01  | 22.82  | 22.86   |            |          |
| 10                                                         | 25        | 0         |         | 22.24  | 22.15  | 21.94   |            |          |
| 10                                                         | 25        | 12        |         | 22.03  | 21.93  | 21.97   |            |          |
| 10                                                         | 25        | 25        |         | 22.05  | 22.10  | 21.89   |            |          |
| 10                                                         | 50        | 0         |         | 22.22  | 22.08  | 21.78   |            |          |
| 10                                                         | 1         | 0         | 16-QAM  | 21.87  | 22.20  | 22.10   | 23.10      | 0.2042   |
| 10                                                         | 1         | 25        |         | 22.19  | 21.83  | 22.06   |            |          |
| 10                                                         | 1         | 49        |         | 22.05  | 22.18  | 21.85   |            |          |
| 10                                                         | 25        | 0         |         | 21.33  | 20.85  | 20.95   |            |          |
| 10                                                         | 25        | 12        |         | 20.90  | 20.89  | 20.96   |            |          |
| 10                                                         | 25        | 25        |         | 21.14  | 21.14  | 20.73   |            |          |
| 10                                                         | 50        | 0         |         | 21.32  | 21.22  | 21.01   |            |          |
| 10                                                         | 1         | 0         | 64-QAM  | 21.00  | 21.19  | 20.72   | 22.09      | 0.1618   |
| 10                                                         | 1         | 25        |         | 21.11  | 20.91  | 20.87   |            |          |
| 10                                                         | 1         | 49        |         | 21.15  | 20.98  | 20.82   |            |          |
| 10                                                         | 25        | 0         |         | 19.95  | 19.76  | 19.86   |            |          |
| 10                                                         | 25        | 12        |         | 20.11  | 20.19  | 20.12   |            |          |
| 10                                                         | 25        | 25        |         | 20.38  | 20.00  | 19.98   |            |          |
| 10                                                         | 50        | 0         |         | 20.12  | 20.11  | 19.76   |            |          |
| 10                                                         | 1         | 0         | 256-QAM | 17.58  | 17.59  | 17.43   | 18.95      | 0.0785   |
| 10                                                         | 1         | 25        |         | 17.85  | 17.84  | 17.62   |            |          |
| 10                                                         | 1         | 49        |         | 17.95  | 18.05  | 17.65   |            |          |
| 10                                                         | 25        | 0         |         | 17.55  | 17.56  | 17.61   |            |          |
| 10                                                         | 25        | 12        |         | 17.70  | 17.70  | 17.48   |            |          |
| 10                                                         | 25        | 25        |         | 17.87  | 17.89  | 17.58   |            |          |
| 10                                                         | 50        | 0         |         | 17.50  | 17.63  | 17.76   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                          | 1         | 0         | QPSK    | 23.21  | 23.03  | 22.92   | 24.11      | 0.2576   |
| 5                                                          | 1         | 12        |         | 23.07  | 22.96  | 22.82   |            |          |
| 5                                                          | 1         | 24        |         | 22.99  | 22.91  | 22.89   |            |          |
| 5                                                          | 12        | 0         |         | 22.27  | 22.18  | 21.89   |            |          |
| 5                                                          | 12        | 7         |         | 22.03  | 21.88  | 21.95   |            |          |
| 5                                                          | 12        | 13        |         | 22.03  | 22.15  | 21.96   |            |          |
| 5                                                          | 25        | 0         |         | 22.17  | 22.11  | 21.87   |            |          |
| 5                                                          | 1         | 0         | 16-QAM  | 21.93  | 22.16  | 22.03   | 23.10      | 0.2042   |
| 5                                                          | 1         | 12        |         | 22.20  | 21.85  | 22.02   |            |          |
| 5                                                          | 1         | 24        |         | 22.04  | 22.14  | 21.81   |            |          |
| 5                                                          | 12        | 0         |         | 21.34  | 20.86  | 20.93   |            |          |
| 5                                                          | 12        | 7         |         | 20.91  | 20.88  | 20.99   |            |          |
| 5                                                          | 12        | 13        |         | 21.11  | 21.20  | 20.75   |            |          |
| 5                                                          | 25        | 0         |         | 21.32  | 21.27  | 20.97   |            |          |
| 5                                                          | 1         | 0         | 64-QAM  | 21.01  | 21.12  | 20.79   | 22.07      | 0.1611   |
| 5                                                          | 1         | 12        |         | 21.12  | 20.86  | 20.82   |            |          |
| 5                                                          | 1         | 24        |         | 21.17  | 20.89  | 20.84   |            |          |
| 5                                                          | 12        | 0         |         | 19.91  | 19.76  | 19.82   |            |          |
| 5                                                          | 12        | 7         |         | 20.14  | 20.14  | 20.06   |            |          |
| 5                                                          | 12        | 13        |         | 20.32  | 19.99  | 19.99   |            |          |
| 5                                                          | 25        | 0         |         | 20.16  | 20.20  | 19.78   |            |          |
| 5                                                          | 1         | 0         | 256-QAM | 17.42  | 17.48  | 17.60   | 18.95      | 0.0785   |
| 5                                                          | 1         | 12        |         | 17.79  | 17.68  | 17.53   |            |          |
| 5                                                          | 1         | 24        |         | 18.05  | 18.00  | 17.54   |            |          |
| 5                                                          | 12        | 0         |         | 17.57  | 17.40  | 17.62   |            |          |
| 5                                                          | 12        | 7         |         | 17.66  | 17.73  | 17.49   |            |          |
| 5                                                          | 12        | 13        |         | 17.90  | 17.90  | 17.49   |            |          |
| 5                                                          | 25        | 0         |         | 17.59  | 17.64  | 17.58   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                          | 1         | 0         | QPSK    | 23.16  | 23.02  | 22.99   | 24.06      | 0.2547   |
| 3                                                          | 1         | 8         |         | 23.10  | 22.87  | 22.80   |            |          |
| 3                                                          | 1         | 14        |         | 22.94  | 22.84  | 22.93   |            |          |
| 3                                                          | 8         | 0         |         | 22.21  | 22.13  | 21.89   |            |          |
| 3                                                          | 8         | 4         |         | 22.11  | 21.93  | 22.04   |            |          |
| 3                                                          | 8         | 7         |         | 21.98  | 22.15  | 21.92   |            |          |
| 3                                                          | 15        | 0         |         | 22.23  | 22.13  | 21.86   |            |          |
| 3                                                          | 1         | 0         | 16-QAM  | 21.90  | 22.15  | 22.05   | 23.13      | 0.2056   |
| 3                                                          | 1         | 8         |         | 22.23  | 21.89  | 22.04   |            |          |
| 3                                                          | 1         | 14        |         | 22.14  | 22.18  | 21.78   |            |          |
| 3                                                          | 8         | 0         |         | 21.28  | 20.83  | 20.92   |            |          |
| 3                                                          | 8         | 4         |         | 20.94  | 20.91  | 20.97   |            |          |
| 3                                                          | 8         | 7         |         | 21.17  | 21.16  | 20.81   |            |          |
| 3                                                          | 15        | 0         |         | 21.32  | 21.23  | 20.99   |            |          |
| 3                                                          | 1         | 0         | 64-QAM  | 21.03  | 21.18  | 20.72   | 22.11      | 0.1626   |
| 3                                                          | 1         | 8         |         | 21.07  | 20.91  | 20.85   |            |          |
| 3                                                          | 1         | 14        |         | 21.21  | 20.93  | 20.85   |            |          |
| 3                                                          | 8         | 0         |         | 19.90  | 19.76  | 19.81   |            |          |
| 3                                                          | 8         | 4         |         | 20.14  | 20.17  | 20.13   |            |          |
| 3                                                          | 8         | 7         |         | 20.39  | 20.07  | 20.04   |            |          |
| 3                                                          | 15        | 0         |         | 20.20  | 20.13  | 19.74   |            |          |
| 3                                                          | 1         | 0         | 256-QAM | 17.55  | 17.58  | 17.46   | 18.95      | 0.0785   |
| 3                                                          | 1         | 8         |         | 17.81  | 17.77  | 17.52   |            |          |
| 3                                                          | 1         | 14        |         | 17.94  | 18.05  | 17.62   |            |          |
| 3                                                          | 8         | 0         |         | 17.55  | 17.43  | 17.73   |            |          |
| 3                                                          | 8         | 4         |         | 17.59  | 17.75  | 17.43   |            |          |
| 3                                                          | 8         | 7         |         | 17.93  | 17.97  | 17.55   |            |          |
| 3                                                          | 15        | 0         |         | 17.59  | 17.51  | 17.74   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                        | 1         | 0         | QPSK    | 22.98  | 22.88  | 22.82   | 23.88      | 0.2443   |
| 1.4                                                        | 1         | 3         |         | 22.93  | 22.86  | 22.74   |            |          |
| 1.4                                                        | 1         | 5         |         | 22.92  | 22.82  | 22.85   |            |          |
| 1.4                                                        | 3         | 0         |         | 22.80  | 22.83  | 22.79   |            |          |
| 1.4                                                        | 3         | 1         |         | 22.84  | 22.86  | 22.81   |            |          |
| 1.4                                                        | 3         | 3         |         | 22.88  | 22.96  | 22.78   |            |          |
| 1.4                                                        | 6         | 0         |         | 22.22  | 22.16  | 21.81   |            |          |
| 1.4                                                        | 1         | 0         | 16-QAM  | 22.06  | 22.19  | 22.08   | 23.14      | 0.2061   |
| 1.4                                                        | 1         | 3         |         | 22.20  | 21.92  | 21.93   |            |          |
| 1.4                                                        | 1         | 5         |         | 22.16  | 22.24  | 21.94   |            |          |
| 1.4                                                        | 3         | 0         |         | 22.10  | 22.14  | 22.04   |            |          |
| 1.4                                                        | 3         | 1         |         | 22.13  | 22.15  | 22.17   |            |          |
| 1.4                                                        | 3         | 3         |         | 22.23  | 22.12  | 21.92   |            |          |
| 1.4                                                        | 6         | 0         |         | 21.30  | 21.11  | 20.84   |            |          |
| 1.4                                                        | 1         | 0         | 64-QAM  | 21.27  | 21.01  | 20.79   | 22.25      | 0.1679   |
| 1.4                                                        | 1         | 3         |         | 21.13  | 20.95  | 21.00   |            |          |
| 1.4                                                        | 1         | 5         |         | 21.31  | 20.88  | 21.03   |            |          |
| 1.4                                                        | 3         | 0         |         | 21.35  | 20.96  | 20.97   |            |          |
| 1.4                                                        | 3         | 1         |         | 21.19  | 21.12  | 20.95   |            |          |
| 1.4                                                        | 3         | 3         |         | 20.93  | 20.88  | 21.02   |            |          |
| 1.4                                                        | 6         | 0         |         | 19.96  | 20.06  | 19.79   |            |          |
| 1.4                                                        | 1         | 0         | 256-QAM | 17.48  | 17.52  | 17.52   | 18.95      | 0.0785   |
| 1.4                                                        | 1         | 3         |         | 17.77  | 17.80  | 17.42   |            |          |
| 1.4                                                        | 1         | 5         |         | 18.05  | 18.00  | 17.71   |            |          |
| 1.4                                                        | 3         | 0         |         | 17.43  | 17.48  | 17.71   |            |          |
| 1.4                                                        | 3         | 1         |         | 17.60  | 17.66  | 17.57   |            |          |
| 1.4                                                        | 3         | 3         |         | 17.85  | 17.82  | 17.54   |            |          |
| 1.4                                                        | 6         | 0         |         | 17.42  | 17.60  | 17.63   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.7 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                        | 1         | 0         | QPSK    | 23.06  | 23.21  | 23.16   | 24.91      | 0.3097   |
| 20                                                        | 1         | 49        |         | 23.02  | 22.93  | 22.88   |            |          |
| 20                                                        | 1         | 99        |         | 22.70  | 22.93  | 22.74   |            |          |
| 20                                                        | 50        | 0         |         | 22.16  | 22.26  | 22.19   |            |          |
| 20                                                        | 50        | 24        |         | 22.16  | 21.94  | 22.15   |            |          |
| 20                                                        | 50        | 50        |         | 22.05  | 22.04  | 22.10   |            |          |
| 20                                                        | 100       | 0         |         | 22.03  | 21.98  | 22.06   |            |          |
| 20                                                        | 1         | 0         | 16-QAM  | 22.61  | 22.21  | 22.40   | 24.31      | 0.2698   |
| 20                                                        | 1         | 49        |         | 22.27  | 22.24  | 22.29   |            |          |
| 20                                                        | 1         | 99        |         | 22.15  | 22.17  | 22.12   |            |          |
| 20                                                        | 50        | 0         |         | 21.11  | 21.10  | 21.09   |            |          |
| 20                                                        | 50        | 24        |         | 21.12  | 21.13  | 21.12   |            |          |
| 20                                                        | 50        | 50        |         | 21.07  | 21.04  | 21.10   |            |          |
| 20                                                        | 100       | 0         |         | 21.22  | 21.01  | 20.96   |            |          |
| 20                                                        | 1         | 0         | 64-QAM  | 21.29  | 21.18  | 21.15   | 22.99      | 0.1991   |
| 20                                                        | 1         | 49        |         | 21.15  | 20.99  | 20.77   |            |          |
| 20                                                        | 1         | 99        |         | 21.08  | 21.06  | 20.95   |            |          |
| 20                                                        | 50        | 0         |         | 20.17  | 19.96  | 20.00   |            |          |
| 20                                                        | 50        | 24        |         | 20.22  | 20.06  | 20.12   |            |          |
| 20                                                        | 50        | 50        |         | 20.17  | 20.08  | 20.14   |            |          |
| 20                                                        | 100       | 0         |         | 20.21  | 20.11  | 20.04   |            |          |
| 20                                                        | 1         | 0         | 256-QAM | 18.03  | 17.99  | 17.97   | 19.93      | 0.0984   |
| 20                                                        | 1         | 49        |         | 18.13  | 18.04  | 17.91   |            |          |
| 20                                                        | 1         | 99        |         | 18.23  | 17.90  | 17.97   |            |          |
| 20                                                        | 50        | 0         |         | 18.07  | 17.88  | 17.77   |            |          |
| 20                                                        | 50        | 24        |         | 18.05  | 17.92  | 17.93   |            |          |
| 20                                                        | 50        | 50        |         | 18.07  | 17.88  | 17.93   |            |          |
| 20                                                        | 100       | 0         |         | 18.23  | 17.92  | 17.95   |            |          |
| Limit                                                     | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.7 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                        | 1         | 0         | QPSK    | 22.96  | 23.11  | 23.14   | 24.84      | 0.3048   |
| 15                                                        | 1         | 37        |         | 23.00  | 22.91  | 22.83   |            |          |
| 15                                                        | 1         | 74        |         | 22.68  | 22.85  | 22.64   |            |          |
| 15                                                        | 36        | 0         |         | 22.12  | 22.18  | 22.18   |            |          |
| 15                                                        | 36        | 20        |         | 22.15  | 21.91  | 22.05   |            |          |
| 15                                                        | 36        | 39        |         | 22.03  | 22.00  | 22.03   |            |          |
| 15                                                        | 75        | 0         |         | 21.98  | 21.96  | 21.98   |            |          |
| 15                                                        | 1         | 0         | 16-QAM  | 22.53  | 22.17  | 22.31   | 24.23      | 0.2649   |
| 15                                                        | 1         | 37        |         | 22.17  | 22.23  | 22.19   |            |          |
| 15                                                        | 1         | 74        |         | 22.15  | 22.14  | 22.05   |            |          |
| 15                                                        | 36        | 0         |         | 21.02  | 21.06  | 21.08   |            |          |
| 15                                                        | 36        | 20        |         | 21.07  | 21.10  | 21.07   |            |          |
| 15                                                        | 36        | 39        |         | 21.04  | 21.02  | 21.09   |            |          |
| 15                                                        | 75        | 0         |         | 21.22  | 21.01  | 20.91   |            |          |
| 15                                                        | 1         | 0         | 64-QAM  | 21.29  | 21.12  | 21.08   | 22.99      | 0.1991   |
| 15                                                        | 1         | 37        |         | 21.07  | 20.93  | 20.70   |            |          |
| 15                                                        | 1         | 74        |         | 21.07  | 20.98  | 20.87   |            |          |
| 15                                                        | 36        | 0         |         | 20.16  | 19.88  | 19.98   |            |          |
| 15                                                        | 36        | 20        |         | 20.20  | 20.03  | 20.07   |            |          |
| 15                                                        | 36        | 39        |         | 20.07  | 20.01  | 20.12   |            |          |
| 15                                                        | 75        | 0         |         | 20.17  | 20.04  | 20.03   |            |          |
| 15                                                        | 1         | 0         | 256-QAM | 18.04  | 17.93  | 18.05   | 19.94      | 0.0986   |
| 15                                                        | 1         | 37        |         | 18.12  | 17.76  | 17.84   |            |          |
| 15                                                        | 1         | 74        |         | 18.18  | 17.70  | 17.84   |            |          |
| 15                                                        | 36        | 0         |         | 17.88  | 17.92  | 17.65   |            |          |
| 15                                                        | 36        | 20        |         | 17.95  | 17.82  | 17.75   |            |          |
| 15                                                        | 36        | 39        |         | 17.97  | 17.88  | 17.74   |            |          |
| 15                                                        | 75        | 0         |         | 18.24  | 17.94  | 17.95   |            |          |
| Limit                                                     | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.7 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                        | 1         | 0         | QPSK    | 23.04  | 23.14  | 23.12   | 24.84      | 0.3048   |
| 10                                                        | 1         | 25        |         | 22.98  | 22.83  | 22.82   |            |          |
| 10                                                        | 1         | 49        |         | 22.61  | 22.91  | 22.64   |            |          |
| 10                                                        | 25        | 0         |         | 22.11  | 22.21  | 22.16   |            |          |
| 10                                                        | 25        | 12        |         | 22.09  | 21.86  | 22.09   |            |          |
| 10                                                        | 25        | 25        |         | 22.04  | 22.04  | 22.00   |            |          |
| 10                                                        | 50        | 0         |         | 21.94  | 21.94  | 21.98   |            |          |
| 10                                                        | 1         | 0         | 16-QAM  | 22.55  | 22.16  | 22.40   | 24.25      | 0.2661   |
| 10                                                        | 1         | 25        |         | 22.27  | 22.17  | 22.28   |            |          |
| 10                                                        | 1         | 49        |         | 22.08  | 22.11  | 22.05   |            |          |
| 10                                                        | 25        | 0         |         | 21.11  | 21.07  | 21.07   |            |          |
| 10                                                        | 25        | 12        |         | 21.05  | 21.05  | 21.11   |            |          |
| 10                                                        | 25        | 25        |         | 21.03  | 21.01  | 21.09   |            |          |
| 10                                                        | 50        | 0         |         | 21.21  | 20.92  | 20.88   |            |          |
| 10                                                        | 1         | 0         | 64-QAM  | 21.27  | 21.17  | 21.09   | 22.97      | 0.1982   |
| 10                                                        | 1         | 25        |         | 21.11  | 20.92  | 20.71   |            |          |
| 10                                                        | 1         | 49        |         | 20.99  | 21.04  | 20.92   |            |          |
| 10                                                        | 25        | 0         |         | 20.13  | 19.89  | 19.98   |            |          |
| 10                                                        | 25        | 12        |         | 20.17  | 20.03  | 20.11   |            |          |
| 10                                                        | 25        | 25        |         | 20.12  | 20.01  | 20.11   |            |          |
| 10                                                        | 50        | 0         |         | 20.17  | 20.10  | 19.98   |            |          |
| 10                                                        | 1         | 0         | 256-QAM | 17.98  | 18.03  | 17.80   | 19.88      | 0.0973   |
| 10                                                        | 1         | 25        |         | 18.00  | 17.95  | 17.73   |            |          |
| 10                                                        | 1         | 49        |         | 18.13  | 17.67  | 17.97   |            |          |
| 10                                                        | 25        | 0         |         | 18.03  | 17.89  | 17.65   |            |          |
| 10                                                        | 25        | 12        |         | 17.88  | 17.80  | 17.81   |            |          |
| 10                                                        | 25        | 25        |         | 17.95  | 17.84  | 17.88   |            |          |
| 10                                                        | 50        | 0         |         | 18.18  | 17.91  | 17.82   |            |          |
| Limit                                                     | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.7 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                         | 1         | 0         | QPSK    | 23.03  | 23.17  | 23.09   | 24.87      | 0.3069   |
| 5                                                         | 1         | 12        |         | 23.02  | 22.89  | 22.86   |            |          |
| 5                                                         | 1         | 24        |         | 22.60  | 22.88  | 22.68   |            |          |
| 5                                                         | 12        | 0         |         | 22.07  | 22.25  | 22.12   |            |          |
| 5                                                         | 12        | 7         |         | 22.07  | 21.86  | 22.06   |            |          |
| 5                                                         | 12        | 13        |         | 22.04  | 22.04  | 22.03   |            |          |
| 5                                                         | 25        | 0         |         | 22.03  | 21.92  | 22.01   |            |          |
| 5                                                         | 1         | 0         | 16-QAM  | 22.51  | 22.16  | 22.38   | 24.21      | 0.2636   |
| 5                                                         | 1         | 12        |         | 22.17  | 22.23  | 22.27   |            |          |
| 5                                                         | 1         | 24        |         | 22.10  | 22.07  | 22.05   |            |          |
| 5                                                         | 12        | 0         |         | 21.07  | 21.07  | 21.02   |            |          |
| 5                                                         | 12        | 7         |         | 21.04  | 21.09  | 21.10   |            |          |
| 5                                                         | 12        | 13        |         | 21.00  | 20.98  | 21.06   |            |          |
| 5                                                         | 25        | 0         |         | 21.18  | 20.92  | 20.92   |            |          |
| 5                                                         | 1         | 0         | 64-QAM  | 21.27  | 21.15  | 21.09   | 22.97      | 0.1982   |
| 5                                                         | 1         | 12        |         | 21.08  | 20.89  | 20.76   |            |          |
| 5                                                         | 1         | 24        |         | 21.08  | 20.99  | 20.93   |            |          |
| 5                                                         | 12        | 0         |         | 20.14  | 19.94  | 19.97   |            |          |
| 5                                                         | 12        | 7         |         | 20.19  | 20.02  | 20.07   |            |          |
| 5                                                         | 12        | 13        |         | 20.15  | 20.08  | 20.08   |            |          |
| 5                                                         | 25        | 0         |         | 20.21  | 20.05  | 19.95   |            |          |
| 5                                                         | 1         | 0         | 256-QAM | 18.04  | 17.99  | 17.99   | 19.79      | 0.0953   |
| 5                                                         | 1         | 12        |         | 18.05  | 17.94  | 17.74   |            |          |
| 5                                                         | 1         | 24        |         | 18.09  | 17.86  | 17.76   |            |          |
| 5                                                         | 12        | 0         |         | 17.95  | 17.90  | 17.73   |            |          |
| 5                                                         | 12        | 7         |         | 17.88  | 17.73  | 17.86   |            |          |
| 5                                                         | 12        | 13        |         | 17.89  | 17.77  | 17.79   |            |          |
| 5                                                         | 25        | 0         |         | 18.08  | 17.87  | 17.76   |            |          |
| Limit                                                     | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.7 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                         | 1         | 0         | QPSK    | 22.97  | 23.12  | 23.06   | 24.82      | 0.3034   |
| 3                                                         | 1         | 8         |         | 22.97  | 22.91  | 22.88   |            |          |
| 3                                                         | 1         | 14        |         | 22.66  | 22.83  | 22.71   |            |          |
| 3                                                         | 8         | 0         |         | 22.10  | 22.21  | 22.12   |            |          |
| 3                                                         | 8         | 4         |         | 22.09  | 21.87  | 22.09   |            |          |
| 3                                                         | 8         | 7         |         | 22.00  | 21.97  | 22.02   |            |          |
| 3                                                         | 15        | 0         |         | 21.97  | 21.91  | 21.96   |            |          |
| 3                                                         | 1         | 0         | 16-QAM  | 22.61  | 22.16  | 22.35   | 24.31      | 0.2698   |
| 3                                                         | 1         | 8         |         | 22.18  | 22.24  | 22.20   |            |          |
| 3                                                         | 1         | 14        |         | 22.08  | 22.11  | 22.08   |            |          |
| 3                                                         | 8         | 0         |         | 21.06  | 21.03  | 21.00   |            |          |
| 3                                                         | 8         | 4         |         | 21.11  | 21.13  | 21.12   |            |          |
| 3                                                         | 8         | 7         |         | 21.05  | 20.96  | 21.00   |            |          |
| 3                                                         | 15        | 0         |         | 21.19  | 20.94  | 20.94   |            |          |
| 3                                                         | 1         | 0         | 64-QAM  | 21.29  | 21.13  | 21.13   | 22.99      | 0.1991   |
| 3                                                         | 1         | 8         |         | 21.13  | 20.90  | 20.71   |            |          |
| 3                                                         | 1         | 14        |         | 21.05  | 20.96  | 20.89   |            |          |
| 3                                                         | 8         | 0         |         | 20.16  | 19.86  | 19.97   |            |          |
| 3                                                         | 8         | 4         |         | 20.16  | 19.96  | 20.10   |            |          |
| 3                                                         | 8         | 7         |         | 20.07  | 19.98  | 20.05   |            |          |
| 3                                                         | 15        | 0         |         | 20.11  | 20.09  | 19.97   |            |          |
| 3                                                         | 1         | 0         | 256-QAM | 17.96  | 17.80  | 17.87   | 19.75      | 0.0944   |
| 3                                                         | 1         | 8         |         | 17.98  | 17.93  | 17.94   |            |          |
| 3                                                         | 1         | 14        |         | 18.05  | 17.79  | 17.88   |            |          |
| 3                                                         | 8         | 0         |         | 18.04  | 17.77  | 17.62   |            |          |
| 3                                                         | 8         | 4         |         | 17.99  | 17.68  | 17.81   |            |          |
| 3                                                         | 8         | 7         |         | 18.01  | 17.87  | 17.76   |            |          |
| 3                                                         | 15        | 0         |         | 18.01  | 17.79  | 17.79   |            |          |
| Limit                                                     | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.7 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                       | 1         | 0         | QPSK    | 22.91  | 22.73  | 22.73   | 24.66      | 0.2924   |
| 1.4                                                       | 1         | 3         |         | 22.82  | 22.75  | 22.77   |            |          |
| 1.4                                                       | 1         | 5         |         | 22.83  | 22.60  | 22.66   |            |          |
| 1.4                                                       | 3         | 0         |         | 22.80  | 22.71  | 22.79   |            |          |
| 1.4                                                       | 3         | 1         |         | 22.87  | 22.74  | 22.74   |            |          |
| 1.4                                                       | 3         | 3         |         | 22.96  | 22.69  | 22.62   |            |          |
| 1.4                                                       | 6         | 0         |         | 21.84  | 21.83  | 21.98   |            |          |
| 1.4                                                       | 1         | 0         | 16-QAM  | 22.19  | 21.92  | 21.95   | 23.89      | 0.2449   |
| 1.4                                                       | 1         | 3         |         | 22.13  | 21.92  | 22.18   |            |          |
| 1.4                                                       | 1         | 5         |         | 22.08  | 21.90  | 22.04   |            |          |
| 1.4                                                       | 3         | 0         |         | 21.95  | 21.82  | 21.89   |            |          |
| 1.4                                                       | 3         | 1         |         | 22.08  | 21.97  | 21.94   |            |          |
| 1.4                                                       | 3         | 3         |         | 21.98  | 21.80  | 21.84   |            |          |
| 1.4                                                       | 6         | 0         |         | 21.02  | 20.86  | 20.95   |            |          |
| 1.4                                                       | 1         | 0         | 64-QAM  | 21.16  | 20.91  | 20.97   | 22.93      | 0.1963   |
| 1.4                                                       | 1         | 3         |         | 21.07  | 21.04  | 21.23   |            |          |
| 1.4                                                       | 1         | 5         |         | 21.11  | 21.08  | 21.08   |            |          |
| 1.4                                                       | 3         | 0         |         | 21.08  | 20.87  | 21.04   |            |          |
| 1.4                                                       | 3         | 1         |         | 21.18  | 21.07  | 21.03   |            |          |
| 1.4                                                       | 3         | 3         |         | 21.08  | 21.04  | 20.94   |            |          |
| 1.4                                                       | 6         | 0         |         | 19.92  | 19.83  | 19.81   |            |          |
| 1.4                                                       | 1         | 0         | 256-QAM | 18.05  | 18.00  | 17.86   | 19.94      | 0.0986   |
| 1.4                                                       | 1         | 3         |         | 18.05  | 17.77  | 17.90   |            |          |
| 1.4                                                       | 1         | 5         |         | 18.24  | 17.70  | 17.77   |            |          |
| 1.4                                                       | 3         | 0         |         | 17.99  | 17.94  | 17.69   |            |          |
| 1.4                                                       | 3         | 1         |         | 17.91  | 17.66  | 17.82   |            |          |
| 1.4                                                       | 3         | 3         |         | 17.84  | 17.86  | 17.82   |            |          |
| 1.4                                                       | 6         | 0         |         | 18.20  | 17.74  | 17.91   |            |          |
| Limit                                                     | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.04 dB) |          |           |         |        |        |         |           |         |
|------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                   | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                         | 1        | 0         | QPSK    | 22.95  | 23.13  | 22.97   | 21.02     | 0.1265  |
| 10                                                         | 1        | 25        |         | 22.71  | 22.72  | 22.54   |           |         |
| 10                                                         | 1        | 49        |         | 22.66  | 22.52  | 22.53   |           |         |
| 10                                                         | 25       | 0         |         | 21.90  | 21.95  | 21.86   |           |         |
| 10                                                         | 25       | 12        |         | 21.71  | 21.77  | 21.68   |           |         |
| 10                                                         | 25       | 25        |         | 21.77  | 21.76  | 21.67   |           |         |
| 10                                                         | 50       | 0         |         | 21.79  | 21.81  | 21.72   |           |         |
| 10                                                         | 1        | 0         | 16-QAM  | 22.10  | 21.95  | 21.91   | 20.02     | 0.1005  |
| 10                                                         | 1        | 25        |         | 22.07  | 22.05  | 21.90   |           |         |
| 10                                                         | 1        | 49        |         | 22.13  | 22.03  | 21.86   |           |         |
| 10                                                         | 25       | 0         |         | 20.87  | 20.71  | 20.78   |           |         |
| 10                                                         | 25       | 12        |         | 20.88  | 20.86  | 20.75   |           |         |
| 10                                                         | 25       | 25        |         | 20.82  | 20.76  | 20.70   |           |         |
| 10                                                         | 50       | 0         |         | 20.78  | 20.82  | 20.67   |           |         |
| 10                                                         | 1        | 0         | 64-QAM  | 20.78  | 20.70  | 20.90   | 18.79     | 0.0757  |
| 10                                                         | 1        | 25        |         | 20.90  | 20.73  | 20.74   |           |         |
| 10                                                         | 1        | 49        |         | 20.79  | 20.77  | 20.73   |           |         |
| 10                                                         | 25       | 0         |         | 19.88  | 19.84  | 19.65   |           |         |
| 10                                                         | 25       | 12        |         | 19.78  | 19.89  | 19.69   |           |         |
| 10                                                         | 25       | 25        |         | 19.77  | 19.80  | 19.72   |           |         |
| 10                                                         | 50       | 0         |         | 19.79  | 19.81  | 19.73   |           |         |
| 10                                                         | 1        | 0         | 256-QAM | 17.74  | 17.64  | 17.47   | 15.78     | 0.0378  |
| 10                                                         | 1        | 25        |         | 17.71  | 17.89  | 17.53   |           |         |
| 10                                                         | 1        | 49        |         | 17.74  | 17.64  | 17.69   |           |         |
| 10                                                         | 25       | 0         |         | 17.66  | 17.61  | 17.53   |           |         |
| 10                                                         | 25       | 12        |         | 17.85  | 17.82  | 17.60   |           |         |
| 10                                                         | 25       | 25        |         | 17.65  | 17.85  | 17.65   |           |         |
| 10                                                         | 50       | 0         |         | 17.57  | 17.62  | 17.63   |           |         |
| Limit                                                      | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.04 dB) |          |           |         |        |        |         |           |         |
|------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                   | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                          | 1        | 0         | QPSK    | 22.92  | 23.11  | 22.88   | 21        | 0.1259  |
| 5                                                          | 1        | 12        |         | 22.62  | 22.72  | 22.48   |           |         |
| 5                                                          | 1        | 24        |         | 22.66  | 22.49  | 22.48   |           |         |
| 5                                                          | 12       | 0         |         | 21.89  | 21.86  | 21.84   |           |         |
| 5                                                          | 12       | 7         |         | 21.61  | 21.67  | 21.62   |           |         |
| 5                                                          | 12       | 13        |         | 21.72  | 21.68  | 21.67   |           |         |
| 5                                                          | 25       | 0         |         | 21.73  | 21.74  | 21.69   |           |         |
| 5                                                          | 1        | 0         | 16-QAM  | 22.09  | 21.92  | 21.87   | 19.98     | 0.0995  |
| 5                                                          | 1        | 12        |         | 22.04  | 22.01  | 21.84   |           |         |
| 5                                                          | 1        | 24        |         | 22.09  | 22.00  | 21.82   |           |         |
| 5                                                          | 12       | 0         |         | 20.87  | 20.65  | 20.71   |           |         |
| 5                                                          | 12       | 7         |         | 20.79  | 20.86  | 20.71   |           |         |
| 5                                                          | 12       | 13        |         | 20.72  | 20.68  | 20.60   |           |         |
| 5                                                          | 25       | 0         |         | 20.73  | 20.80  | 20.67   |           |         |
| 5                                                          | 1        | 0         | 64-QAM  | 20.68  | 20.68  | 20.85   | 18.78     | 0.0755  |
| 5                                                          | 1        | 12        |         | 20.89  | 20.71  | 20.73   |           |         |
| 5                                                          | 1        | 24        |         | 20.74  | 20.75  | 20.64   |           |         |
| 5                                                          | 12       | 0         |         | 19.81  | 19.77  | 19.63   |           |         |
| 5                                                          | 12       | 7         |         | 19.74  | 19.85  | 19.59   |           |         |
| 5                                                          | 12       | 13        |         | 19.74  | 19.78  | 19.65   |           |         |
| 5                                                          | 25       | 0         |         | 19.73  | 19.76  | 19.72   |           |         |
| 5                                                          | 1        | 0         | 256-QAM | 17.65  | 17.52  | 17.50   | 15.79     | 0.0379  |
| 5                                                          | 1        | 12        |         | 17.63  | 17.79  | 17.60   |           |         |
| 5                                                          | 1        | 24        |         | 17.60  | 17.90  | 17.60   |           |         |
| 5                                                          | 12       | 0         |         | 17.88  | 17.52  | 17.62   |           |         |
| 5                                                          | 12       | 7         |         | 17.84  | 17.76  | 17.52   |           |         |
| 5                                                          | 12       | 13        |         | 17.67  | 17.79  | 17.60   |           |         |
| 5                                                          | 25       | 0         |         | 17.54  | 17.60  | 17.61   |           |         |
| Limit                                                      | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.04 dB) |          |           |         |        |        |         |           |         |
|------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                   | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                          | 1        | 0         | QPSK    | 22.90  | 23.06  | 22.96   | 20.95     | 0.1245  |
| 3                                                          | 1        | 8         |         | 22.69  | 22.64  | 22.45   |           |         |
| 3                                                          | 1        | 14        |         | 22.56  | 22.51  | 22.44   |           |         |
| 3                                                          | 8        | 0         |         | 21.80  | 21.95  | 21.86   |           |         |
| 3                                                          | 8        | 4         |         | 21.63  | 21.70  | 21.67   |           |         |
| 3                                                          | 8        | 7         |         | 21.73  | 21.70  | 21.66   |           |         |
| 3                                                          | 15       | 0         |         | 21.70  | 21.76  | 21.67   |           |         |
| 3                                                          | 1        | 0         | 16-QAM  | 22.00  | 21.90  | 21.87   | 19.93     | 0.0984  |
| 3                                                          | 1        | 8         |         | 22.02  | 22.04  | 21.90   |           |         |
| 3                                                          | 1        | 14        |         | 22.03  | 21.96  | 21.79   |           |         |
| 3                                                          | 8        | 0         |         | 20.86  | 20.67  | 20.76   |           |         |
| 3                                                          | 8        | 4         |         | 20.82  | 20.85  | 20.69   |           |         |
| 3                                                          | 8        | 7         |         | 20.79  | 20.70  | 20.64   |           |         |
| 3                                                          | 15       | 0         |         | 20.75  | 20.82  | 20.65   |           |         |
| 3                                                          | 1        | 0         | 64-QAM  | 20.72  | 20.69  | 20.84   | 18.73     | 0.0746  |
| 3                                                          | 1        | 8         |         | 20.81  | 20.65  | 20.74   |           |         |
| 3                                                          | 1        | 14        |         | 20.79  | 20.74  | 20.68   |           |         |
| 3                                                          | 8        | 0         |         | 19.79  | 19.80  | 19.59   |           |         |
| 3                                                          | 8        | 4         |         | 19.78  | 19.79  | 19.61   |           |         |
| 3                                                          | 8        | 7         |         | 19.69  | 19.73  | 19.68   |           |         |
| 3                                                          | 15       | 0         |         | 19.73  | 19.74  | 19.73   |           |         |
| 3                                                          | 1        | 0         | 256-QAM | 17.70  | 17.55  | 17.54   | 15.76     | 0.0377  |
| 3                                                          | 1        | 8         |         | 17.55  | 17.87  | 17.59   |           |         |
| 3                                                          | 1        | 14        |         | 17.70  | 17.57  | 17.50   |           |         |
| 3                                                          | 8        | 0         |         | 17.53  | 17.56  | 17.51   |           |         |
| 3                                                          | 8        | 4         |         | 17.79  | 17.81  | 17.53   |           |         |
| 3                                                          | 8        | 7         |         | 17.60  | 17.80  | 17.60   |           |         |
| 3                                                          | 15       | 0         |         | 17.53  | 17.52  | 17.74   |           |         |
| Limit                                                      | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 5 Maximum Average Power [dBm] (GT - LC = 0.04 dB) |          |           |         |        |        |         |           |         |
|------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                   | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                        | 1        | 0         | QPSK    | 22.59  | 22.56  | 22.43   | 20.62     | 0.1153  |
| 1.4                                                        | 1        | 3         |         | 22.68  | 22.73  | 22.55   |           |         |
| 1.4                                                        | 1        | 5         |         | 22.61  | 22.69  | 22.52   |           |         |
| 1.4                                                        | 3        | 0         |         | 22.63  | 22.63  | 22.50   |           |         |
| 1.4                                                        | 3        | 1         |         | 22.71  | 22.73  | 22.54   |           |         |
| 1.4                                                        | 3        | 3         |         | 22.60  | 22.63  | 22.50   |           |         |
| 1.4                                                        | 6        | 0         |         | 21.82  | 21.72  | 21.57   |           |         |
| 1.4                                                        | 1        | 0         | 16-QAM  | 21.96  | 22.03  | 21.87   | 20.01     | 0.1002  |
| 1.4                                                        | 1        | 3         |         | 22.01  | 22.12  | 21.80   |           |         |
| 1.4                                                        | 1        | 5         |         | 21.98  | 22.07  | 21.68   |           |         |
| 1.4                                                        | 3        | 0         |         | 21.80  | 21.74  | 21.62   |           |         |
| 1.4                                                        | 3        | 1         |         | 21.90  | 21.78  | 21.74   |           |         |
| 1.4                                                        | 3        | 3         |         | 21.82  | 21.77  | 21.66   |           |         |
| 1.4                                                        | 6        | 0         |         | 20.89  | 20.81  | 20.68   |           |         |
| 1.4                                                        | 1        | 0         | 64-QAM  | 20.96  | 20.93  | 20.85   | 18.97     | 0.0789  |
| 1.4                                                        | 1        | 3         |         | 21.08  | 21.01  | 20.82   |           |         |
| 1.4                                                        | 1        | 5         |         | 20.93  | 20.94  | 20.77   |           |         |
| 1.4                                                        | 3        | 0         |         | 20.88  | 20.96  | 20.75   |           |         |
| 1.4                                                        | 3        | 1         |         | 21.04  | 20.91  | 20.78   |           |         |
| 1.4                                                        | 3        | 3         |         | 20.93  | 20.90  | 20.75   |           |         |
| 1.4                                                        | 6        | 0         |         | 19.78  | 19.72  | 19.64   |           |         |
| 1.4                                                        | 1        | 0         | 256-QAM | 17.64  | 17.59  | 17.50   | 15.63     | 0.0366  |
| 1.4                                                        | 1        | 3         |         | 17.61  | 17.70  | 17.53   |           |         |
| 1.4                                                        | 1        | 5         |         | 17.73  | 17.53  | 17.67   |           |         |
| 1.4                                                        | 3        | 0         |         | 17.65  | 17.58  | 17.66   |           |         |
| 1.4                                                        | 3        | 1         |         | 17.74  | 17.68  | 17.56   |           |         |
| 1.4                                                        | 3        | 3         |         | 17.58  | 17.70  | 17.52   |           |         |
| 1.4                                                        | 6        | 0         |         | 17.54  | 17.57  | 17.60   |           |         |
| Limit                                                      | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                        | 1         | 0         | QPSK    | 23.19  | 23.16  | 23.18   | 25.09      | 0.3228   |
| 20                                                        | 1         | 49        |         | 22.97  | 22.85  | 22.87   |            |          |
| 20                                                        | 1         | 99        |         | 22.74  | 22.75  | 22.78   |            |          |
| 20                                                        | 50        | 0         |         | 22.32  | 21.99  | 22.12   |            |          |
| 20                                                        | 50        | 24        |         | 22.30  | 22.01  | 22.21   |            |          |
| 20                                                        | 50        | 50        |         | 22.04  | 21.95  | 22.15   |            |          |
| 20                                                        | 100       | 0         |         | 21.95  | 21.93  | 22.00   |            |          |
| 20                                                        | 1         | 0         | 16-QAM  | 22.49  | 22.37  | 22.35   | 24.39      | 0.2748   |
| 20                                                        | 1         | 49        |         | 22.40  | 22.25  | 22.31   |            |          |
| 20                                                        | 1         | 99        |         | 22.02  | 22.22  | 22.20   |            |          |
| 20                                                        | 50        | 0         |         | 21.18  | 21.11  | 21.14   |            |          |
| 20                                                        | 50        | 24        |         | 21.12  | 21.04  | 21.09   |            |          |
| 20                                                        | 50        | 50        |         | 20.97  | 20.96  | 21.05   |            |          |
| 20                                                        | 100       | 0         |         | 21.30  | 21.03  | 20.98   |            |          |
| 20                                                        | 1         | 0         | 64-QAM  | 21.20  | 21.25  | 21.09   | 23.15      | 0.2065   |
| 20                                                        | 1         | 49        |         | 21.23  | 21.02  | 20.66   |            |          |
| 20                                                        | 1         | 99        |         | 21.06  | 21.14  | 21.05   |            |          |
| 20                                                        | 50        | 0         |         | 20.10  | 20.09  | 20.04   |            |          |
| 20                                                        | 50        | 24        |         | 20.17  | 20.17  | 20.09   |            |          |
| 20                                                        | 50        | 50        |         | 20.11  | 20.22  | 20.14   |            |          |
| 20                                                        | 100       | 0         |         | 20.25  | 20.12  | 20.01   |            |          |
| 20                                                        | 1         | 0         | 256-QAM | 17.94  | 18.01  | 17.97   | 20.15      | 0.1035   |
| 20                                                        | 1         | 49        |         | 18.06  | 18.09  | 17.97   |            |          |
| 20                                                        | 1         | 99        |         | 18.25  | 17.90  | 17.87   |            |          |
| 20                                                        | 50        | 0         |         | 18.11  | 17.89  | 17.70   |            |          |
| 20                                                        | 50        | 24        |         | 18.07  | 17.99  | 18.02   |            |          |
| 20                                                        | 50        | 50        |         | 18.15  | 17.85  | 17.87   |            |          |
| 20                                                        | 100       | 0         |         | 18.21  | 17.90  | 17.93   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                        | 1         | 0         | QPSK    | 23.13  | 23.13  | 23.08   | 25.03      | 0.3184   |
| 15                                                        | 1         | 37        |         | 22.90  | 22.84  | 22.85   |            |          |
| 15                                                        | 1         | 74        |         | 22.71  | 22.74  | 22.76   |            |          |
| 15                                                        | 36        | 0         |         | 22.27  | 21.91  | 22.11   |            |          |
| 15                                                        | 36        | 20        |         | 22.29  | 21.98  | 22.17   |            |          |
| 15                                                        | 36        | 39        |         | 21.97  | 21.85  | 22.15   |            |          |
| 15                                                        | 75        | 0         |         | 21.90  | 21.86  | 21.96   |            |          |
| 15                                                        | 1         | 0         | 16-QAM  | 22.40  | 22.28  | 22.31   | 24.30      | 0.2692   |
| 15                                                        | 1         | 37        |         | 22.36  | 22.21  | 22.27   |            |          |
| 15                                                        | 1         | 74        |         | 21.98  | 22.13  | 22.18   |            |          |
| 15                                                        | 36        | 0         |         | 21.09  | 21.11  | 21.10   |            |          |
| 15                                                        | 36        | 20        |         | 21.10  | 20.94  | 21.08   |            |          |
| 15                                                        | 36        | 39        |         | 20.91  | 20.90  | 21.01   |            |          |
| 15                                                        | 75        | 0         |         | 21.21  | 20.93  | 20.89   |            |          |
| 15                                                        | 1         | 0         | 64-QAM  | 21.10  | 21.25  | 21.05   | 23.15      | 0.2065   |
| 15                                                        | 1         | 37        |         | 21.22  | 20.99  | 20.63   |            |          |
| 15                                                        | 1         | 74        |         | 21.02  | 21.14  | 21.02   |            |          |
| 15                                                        | 36        | 0         |         | 20.10  | 20.09  | 19.97   |            |          |
| 15                                                        | 36        | 20        |         | 20.14  | 20.16  | 20.03   |            |          |
| 15                                                        | 36        | 39        |         | 20.05  | 20.17  | 20.05   |            |          |
| 15                                                        | 75        | 0         |         | 20.23  | 20.12  | 19.98   |            |          |
| 15                                                        | 1         | 0         | 256-QAM | 18.12  | 17.87  | 18.06   | 20.18      | 0.1042   |
| 15                                                        | 1         | 37        |         | 18.13  | 17.83  | 17.94   |            |          |
| 15                                                        | 1         | 74        |         | 18.16  | 17.66  | 17.76   |            |          |
| 15                                                        | 36        | 0         |         | 17.79  | 17.93  | 17.73   |            |          |
| 15                                                        | 36        | 20        |         | 17.99  | 17.83  | 17.71   |            |          |
| 15                                                        | 36        | 39        |         | 18.03  | 17.84  | 17.77   |            |          |
| 15                                                        | 75        | 0         |         | 18.28  | 18.01  | 17.96   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                        | 1         | 0         | QPSK    | 23.11  | 23.09  | 23.15   | 25.05      | 0.3199   |
| 10                                                        | 1         | 25        |         | 22.87  | 22.82  | 22.87   |            |          |
| 10                                                        | 1         | 49        |         | 22.70  | 22.74  | 22.71   |            |          |
| 10                                                        | 25        | 0         |         | 22.25  | 21.98  | 22.02   |            |          |
| 10                                                        | 25        | 12        |         | 22.25  | 21.93  | 22.15   |            |          |
| 10                                                        | 25        | 25        |         | 22.00  | 21.89  | 22.12   |            |          |
| 10                                                        | 50        | 0         |         | 21.95  | 21.88  | 22.00   |            |          |
| 10                                                        | 1         | 0         | 16-QAM  | 22.43  | 22.28  | 22.28   | 24.33      | 0.2710   |
| 10                                                        | 1         | 25        |         | 22.33  | 22.17  | 22.26   |            |          |
| 10                                                        | 1         | 49        |         | 21.96  | 22.20  | 22.16   |            |          |
| 10                                                        | 25        | 0         |         | 21.10  | 21.11  | 21.11   |            |          |
| 10                                                        | 25        | 12        |         | 21.03  | 20.95  | 21.08   |            |          |
| 10                                                        | 25        | 25        |         | 20.88  | 20.89  | 20.98   |            |          |
| 10                                                        | 50        | 0         |         | 21.29  | 20.96  | 20.95   |            |          |
| 10                                                        | 1         | 0         | 64-QAM  | 21.11  | 21.18  | 21.02   | 23.08      | 0.2032   |
| 10                                                        | 1         | 25        |         | 21.14  | 20.99  | 20.63   |            |          |
| 10                                                        | 1         | 49        |         | 21.04  | 21.10  | 21.01   |            |          |
| 10                                                        | 25        | 0         |         | 20.08  | 20.00  | 19.97   |            |          |
| 10                                                        | 25        | 12        |         | 20.09  | 20.16  | 20.04   |            |          |
| 10                                                        | 25        | 25        |         | 20.09  | 20.18  | 20.10   |            |          |
| 10                                                        | 50        | 0         |         | 20.18  | 20.09  | 19.98   |            |          |
| 10                                                        | 1         | 0         | 256-QAM | 18.07  | 18.04  | 17.84   | 20.01      | 0.1002   |
| 10                                                        | 1         | 25        |         | 18.00  | 18.05  | 17.80   |            |          |
| 10                                                        | 1         | 49        |         | 18.05  | 17.73  | 18.05   |            |          |
| 10                                                        | 25        | 0         |         | 18.11  | 17.86  | 17.58   |            |          |
| 10                                                        | 25        | 12        |         | 17.94  | 17.78  | 17.91   |            |          |
| 10                                                        | 25        | 25        |         | 17.90  | 17.85  | 17.89   |            |          |
| 10                                                        | 50        | 0         |         | 18.11  | 17.91  | 17.91   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                         | 1         | 0         | QPSK    | 23.09  | 23.09  | 23.09   | 24.99      | 0.3155   |
| 5                                                         | 1         | 12        |         | 22.95  | 22.83  | 22.77   |            |          |
| 5                                                         | 1         | 24        |         | 22.68  | 22.72  | 22.77   |            |          |
| 5                                                         | 12        | 0         |         | 22.23  | 21.93  | 22.11   |            |          |
| 5                                                         | 12        | 7         |         | 22.25  | 22.01  | 22.18   |            |          |
| 5                                                         | 12        | 13        |         | 22.04  | 21.87  | 22.15   |            |          |
| 5                                                         | 25        | 0         |         | 21.94  | 21.93  | 21.97   |            |          |
| 5                                                         | 1         | 0         | 16-QAM  | 22.45  | 22.27  | 22.34   | 24.35      | 0.2723   |
| 5                                                         | 1         | 12        |         | 22.32  | 22.16  | 22.31   |            |          |
| 5                                                         | 1         | 24        |         | 21.93  | 22.15  | 22.19   |            |          |
| 5                                                         | 12        | 0         |         | 21.09  | 21.10  | 21.10   |            |          |
| 5                                                         | 12        | 7         |         | 21.02  | 20.97  | 21.08   |            |          |
| 5                                                         | 12        | 13        |         | 20.97  | 20.91  | 21.04   |            |          |
| 5                                                         | 25        | 0         |         | 21.27  | 20.93  | 20.89   |            |          |
| 5                                                         | 1         | 0         | 64-QAM  | 21.19  | 21.21  | 20.99   | 23.11      | 0.2046   |
| 5                                                         | 1         | 12        |         | 21.15  | 20.96  | 20.61   |            |          |
| 5                                                         | 1         | 24        |         | 21.04  | 21.09  | 20.98   |            |          |
| 5                                                         | 12        | 0         |         | 20.03  | 20.09  | 19.94   |            |          |
| 5                                                         | 12        | 7         |         | 20.15  | 20.09  | 20.01   |            |          |
| 5                                                         | 12        | 13        |         | 20.09  | 20.16  | 20.10   |            |          |
| 5                                                         | 25        | 0         |         | 20.23  | 20.02  | 19.91   |            |          |
| 5                                                         | 1         | 0         | 256-QAM | 17.87  | 17.93  | 17.71   | 19.97      | 0.0993   |
| 5                                                         | 1         | 12        |         | 17.84  | 17.98  | 17.69   |            |          |
| 5                                                         | 1         | 24        |         | 17.99  | 17.71  | 17.85   |            |          |
| 5                                                         | 12        | 0         |         | 18.07  | 17.84  | 17.51   |            |          |
| 5                                                         | 12        | 7         |         | 17.86  | 17.73  | 17.81   |            |          |
| 5                                                         | 12        | 13        |         | 17.82  | 17.73  | 17.82   |            |          |
| 5                                                         | 25        | 0         |         | 18.00  | 17.86  | 17.76   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.7 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                          | 1        | 0         | QPSK    | 22.74  | 22.70  | 22.68   | 19.89     | 0.0975  |
| 10                                                          | 1        | 25        |         | 22.70  | 22.67  | 22.56   |           |         |
| 10                                                          | 1        | 49        |         | 22.52  | 22.52  | 22.53   |           |         |
| 10                                                          | 25       | 0         |         | 21.87  | 21.77  | 21.80   |           |         |
| 10                                                          | 25       | 12        |         | 21.65  | 21.76  | 21.62   |           |         |
| 10                                                          | 25       | 25        |         | 21.85  | 21.76  | 21.78   |           |         |
| 10                                                          | 50       | 0         |         | 21.84  | 21.76  | 21.71   |           |         |
| 10                                                          | 1        | 0         | 16-QAM  | 22.09  | 22.04  | 21.95   | 19.27     | 0.0845  |
| 10                                                          | 1        | 25        |         | 22.00  | 22.00  | 22.01   |           |         |
| 10                                                          | 1        | 49        |         | 22.12  | 22.01  | 21.73   |           |         |
| 10                                                          | 25       | 0         |         | 20.91  | 20.75  | 20.81   |           |         |
| 10                                                          | 25       | 12        |         | 20.92  | 20.70  | 20.72   |           |         |
| 10                                                          | 25       | 25        |         | 20.72  | 20.80  | 20.69   |           |         |
| 10                                                          | 50       | 0         |         | 20.83  | 20.76  | 20.61   |           |         |
| 10                                                          | 1        | 0         | 64-QAM  | 20.86  | 20.72  | 20.91   | 18.06     | 0.0640  |
| 10                                                          | 1        | 25        |         | 20.83  | 20.72  | 20.82   |           |         |
| 10                                                          | 1        | 49        |         | 20.88  | 20.80  | 20.87   |           |         |
| 10                                                          | 25       | 0         |         | 19.80  | 19.77  | 19.82   |           |         |
| 10                                                          | 25       | 12        |         | 19.90  | 19.90  | 19.71   |           |         |
| 10                                                          | 25       | 25        |         | 19.83  | 19.84  | 19.82   |           |         |
| 10                                                          | 50       | 0         |         | 19.85  | 19.79  | 19.84   |           |         |
| 10                                                          | 1        | 0         | 256-QAM | 17.77  | 17.63  | 17.54   | 15.08     | 0.0322  |
| 10                                                          | 1        | 25        |         | 17.77  | 17.89  | 17.55   |           |         |
| 10                                                          | 1        | 49        |         | 17.83  | 17.54  | 17.59   |           |         |
| 10                                                          | 25       | 0         |         | 17.71  | 17.71  | 17.53   |           |         |
| 10                                                          | 25       | 12        |         | 17.88  | 17.81  | 17.55   |           |         |
| 10                                                          | 25       | 25        |         | 17.72  | 17.93  | 17.67   |           |         |
| 10                                                          | 50       | 0         |         | 17.61  | 17.67  | 17.66   |           |         |
| Limit                                                       | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.7 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                           | 1        | 0         | QPSK    | 22.68  | 22.62  | 22.65   | 19.83     | 0.0962  |
| 5                                                           | 1        | 12        |         | 22.60  | 22.60  | 22.53   |           |         |
| 5                                                           | 1        | 24        |         | 22.50  | 22.44  | 22.50   |           |         |
| 5                                                           | 12       | 0         |         | 21.83  | 21.74  | 21.73   |           |         |
| 5                                                           | 12       | 7         |         | 21.63  | 21.76  | 21.58   |           |         |
| 5                                                           | 12       | 13        |         | 21.84  | 21.67  | 21.76   |           |         |
| 5                                                           | 25       | 0         |         | 21.79  | 21.71  | 21.61   |           |         |
| 5                                                           | 1        | 0         | 16-QAM  | 21.99  | 21.98  | 21.88   | 19.18     | 0.0828  |
| 5                                                           | 1        | 12        |         | 21.91  | 21.94  | 22.00   |           |         |
| 5                                                           | 1        | 24        |         | 22.03  | 21.95  | 21.73   |           |         |
| 5                                                           | 12       | 0         |         | 20.89  | 20.66  | 20.81   |           |         |
| 5                                                           | 12       | 7         |         | 20.84  | 20.60  | 20.67   |           |         |
| 5                                                           | 12       | 13        |         | 20.71  | 20.74  | 20.63   |           |         |
| 5                                                           | 25       | 0         |         | 20.79  | 20.75  | 20.57   |           |         |
| 5                                                           | 1        | 0         | 64-QAM  | 20.79  | 20.71  | 20.88   | 18.03     | 0.0635  |
| 5                                                           | 1        | 12        |         | 20.77  | 20.68  | 20.79   |           |         |
| 5                                                           | 1        | 24        |         | 20.83  | 20.76  | 20.83   |           |         |
| 5                                                           | 12       | 0         |         | 19.78  | 19.70  | 19.74   |           |         |
| 5                                                           | 12       | 7         |         | 19.88  | 19.83  | 19.62   |           |         |
| 5                                                           | 12       | 13        |         | 19.83  | 19.80  | 19.74   |           |         |
| 5                                                           | 25       | 0         |         | 19.84  | 19.74  | 19.74   |           |         |
| 5                                                           | 1        | 0         | 256-QAM | 17.58  | 17.58  | 17.50   | 15.11     | 0.0324  |
| 5                                                           | 1        | 12        |         | 17.72  | 17.77  | 17.52   |           |         |
| 5                                                           | 1        | 24        |         | 17.65  | 17.96  | 17.64   |           |         |
| 5                                                           | 12       | 0         |         | 17.92  | 17.50  | 17.70   |           |         |
| 5                                                           | 12       | 7         |         | 17.75  | 17.67  | 17.50   |           |         |
| 5                                                           | 12       | 13        |         | 17.68  | 17.87  | 17.58   |           |         |
| 5                                                           | 25       | 0         |         | 17.50  | 17.55  | 17.68   |           |         |
| Limit                                                       | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.7 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                           | 1        | 0         | QPSK    | 22.66  | 22.62  | 22.59   | 19.82     | 0.0959  |
| 3                                                           | 1        | 8         |         | 22.67  | 22.64  | 22.54   |           |         |
| 3                                                           | 1        | 14        |         | 22.50  | 22.46  | 22.48   |           |         |
| 3                                                           | 8        | 0         |         | 21.86  | 21.73  | 21.73   |           |         |
| 3                                                           | 8        | 4         |         | 21.55  | 21.68  | 21.61   |           |         |
| 3                                                           | 8        | 7         |         | 21.76  | 21.68  | 21.75   |           |         |
| 3                                                           | 15       | 0         |         | 21.80  | 21.68  | 21.61   |           |         |
| 3                                                           | 1        | 0         | 16-QAM  | 22.00  | 22.01  | 21.90   | 19.25     | 0.0841  |
| 3                                                           | 1        | 8         |         | 21.90  | 21.93  | 22.00   |           |         |
| 3                                                           | 1        | 14        |         | 22.10  | 21.91  | 21.64   |           |         |
| 3                                                           | 8        | 0         |         | 20.83  | 20.72  | 20.75   |           |         |
| 3                                                           | 8        | 4         |         | 20.89  | 20.63  | 20.70   |           |         |
| 3                                                           | 8        | 7         |         | 20.68  | 20.76  | 20.64   |           |         |
| 3                                                           | 15       | 0         |         | 20.83  | 20.68  | 20.60   |           |         |
| 3                                                           | 1        | 0         | 64-QAM  | 20.82  | 20.71  | 20.91   | 18.06     | 0.0640  |
| 3                                                           | 1        | 8         |         | 20.73  | 20.68  | 20.80   |           |         |
| 3                                                           | 1        | 14        |         | 20.88  | 20.70  | 20.81   |           |         |
| 3                                                           | 8        | 0         |         | 19.79  | 19.72  | 19.73   |           |         |
| 3                                                           | 8        | 4         |         | 19.88  | 19.85  | 19.68   |           |         |
| 3                                                           | 8        | 7         |         | 19.79  | 19.83  | 19.78   |           |         |
| 3                                                           | 15       | 0         |         | 19.76  | 19.71  | 19.74   |           |         |
| 3                                                           | 1        | 0         | 256-QAM | 17.50  | 17.56  | 17.56   | 15.02     | 0.0318  |
| 3                                                           | 1        | 8         |         | 17.63  | 17.72  | 17.58   |           |         |
| 3                                                           | 1        | 14        |         | 17.63  | 17.84  | 17.56   |           |         |
| 3                                                           | 8        | 0         |         | 17.87  | 17.56  | 17.51   |           |         |
| 3                                                           | 8        | 4         |         | 17.75  | 17.58  | 17.55   |           |         |
| 3                                                           | 8        | 7         |         | 17.52  | 17.76  | 17.59   |           |         |
| 3                                                           | 15       | 0         |         | 17.53  | 17.56  | 17.57   |           |         |
| Limit                                                       | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.7 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                         | 1        | 0         | QPSK    | 22.62  | 22.59  | 22.55   | 19.87     | 0.0971  |
| 1.4                                                         | 1        | 3         |         | 22.72  | 22.71  | 22.56   |           |         |
| 1.4                                                         | 1        | 5         |         | 22.69  | 22.56  | 22.43   |           |         |
| 1.4                                                         | 3        | 0         |         | 22.62  | 22.56  | 22.47   |           |         |
| 1.4                                                         | 3        | 1         |         | 22.62  | 22.56  | 22.63   |           |         |
| 1.4                                                         | 3        | 3         |         | 22.71  | 22.56  | 22.40   |           |         |
| 1.4                                                         | 6        | 0         |         | 21.82  | 21.72  | 21.55   |           |         |
| 1.4                                                         | 1        | 0         | 16-QAM  | 22.07  | 21.90  | 21.90   | 19.32     | 0.0855  |
| 1.4                                                         | 1        | 3         |         | 21.99  | 22.12  | 21.77   |           |         |
| 1.4                                                         | 1        | 5         |         | 22.06  | 22.17  | 21.66   |           |         |
| 1.4                                                         | 3        | 0         |         | 21.96  | 21.79  | 21.66   |           |         |
| 1.4                                                         | 3        | 1         |         | 21.87  | 21.72  | 21.71   |           |         |
| 1.4                                                         | 3        | 3         |         | 21.63  | 21.86  | 21.54   |           |         |
| 1.4                                                         | 6        | 0         |         | 20.76  | 20.76  | 20.65   |           |         |
| 1.4                                                         | 1        | 0         | 64-QAM  | 21.07  | 21.03  | 20.83   | 18.3      | 0.0676  |
| 1.4                                                         | 1        | 3         |         | 21.06  | 21.15  | 20.82   |           |         |
| 1.4                                                         | 1        | 5         |         | 20.91  | 20.94  | 20.74   |           |         |
| 1.4                                                         | 3        | 0         |         | 20.91  | 20.87  | 20.86   |           |         |
| 1.4                                                         | 3        | 1         |         | 21.10  | 21.07  | 20.74   |           |         |
| 1.4                                                         | 3        | 3         |         | 20.82  | 20.83  | 20.65   |           |         |
| 1.4                                                         | 6        | 0         |         | 19.89  | 19.76  | 19.70   |           |         |
| 1.4                                                         | 1        | 0         | 256-QAM | 17.56  | 17.53  | 17.53   | 15.1      | 0.0324  |
| 1.4                                                         | 1        | 3         |         | 17.63  | 17.63  | 17.52   |           |         |
| 1.4                                                         | 1        | 5         |         | 17.50  | 17.95  | 17.58   |           |         |
| 1.4                                                         | 3        | 0         |         | 17.92  | 17.59  | 17.54   |           |         |
| 1.4                                                         | 3        | 1         |         | 17.64  | 17.51  | 17.58   |           |         |
| 1.4                                                         | 3        | 3         |         | 17.60  | 17.73  | 17.50   |           |         |
| 1.4                                                         | 6        | 0         |         | 17.52  | 17.55  | 17.56   |           |         |
| Limit                                                       | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 13 Maximum Average Power [dBm] (GT - LC = 1.5 dB) |          |           |         |        |        |         |           |         |
|------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                   | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                         | 1        | 0         | QPSK    | -      | 22.94  | -       | 22.29     | 0.1694  |
| 10                                                         | 1        | 25        |         |        | 22.73  |         |           |         |
| 10                                                         | 1        | 49        |         |        | 22.45  |         |           |         |
| 10                                                         | 25       | 0         |         |        | 21.86  |         |           |         |
| 10                                                         | 25       | 12        |         |        | 21.72  |         |           |         |
| 10                                                         | 25       | 25        |         |        | 21.69  |         |           |         |
| 10                                                         | 50       | 0         |         |        | 21.70  |         |           |         |
| 10                                                         | 1        | 0         | 16-QAM  |        | 22.01  |         | 21.36     | 0.1368  |
| 10                                                         | 1        | 25        |         |        | 21.82  |         |           |         |
| 10                                                         | 1        | 49        |         |        | 21.98  |         |           |         |
| 10                                                         | 25       | 0         |         |        | 20.68  |         |           |         |
| 10                                                         | 25       | 12        |         |        | 20.67  |         |           |         |
| 10                                                         | 25       | 25        |         |        | 20.88  |         |           |         |
| 10                                                         | 50       | 0         |         |        | 20.76  |         |           |         |
| 10                                                         | 1        | 0         | 64-QAM  |        | 20.61  |         | 20.22     | 0.1052  |
| 10                                                         | 1        | 25        |         |        | 20.66  |         |           |         |
| 10                                                         | 1        | 49        |         |        | 20.87  |         |           |         |
| 10                                                         | 25       | 0         |         |        | 19.80  |         |           |         |
| 10                                                         | 25       | 12        |         |        | 19.87  |         |           |         |
| 10                                                         | 25       | 25        |         |        | 19.96  |         |           |         |
| 10                                                         | 50       | 0         |         |        | 19.76  |         |           |         |
| 10                                                         | 1        | 0         | 256-QAM |        | 17.60  |         | 17.31     | 0.0538  |
| 10                                                         | 1        | 25        |         |        | 17.90  |         |           |         |
| 10                                                         | 1        | 49        |         |        | 17.46  |         |           |         |
| 10                                                         | 25       | 0         |         |        | 17.67  |         |           |         |
| 10                                                         | 25       | 12        |         |        | 17.90  |         |           |         |
| 10                                                         | 25       | 25        |         |        | 17.96  |         |           |         |
| 10                                                         | 50       | 0         |         |        | 17.69  |         |           |         |
| Limit                                                      | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 13 Maximum Average Power [dBm] (GT - LC = 1.5 dB) |          |           |         |        |        |         |           |         |
|------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                   | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                          | 1        | 0         | QPSK    | 22.71  | 22.77  | 22.72   | 22.12     | 0.1629  |
| 5                                                          | 1        | 12        |         | 22.70  | 22.74  | 22.70   |           |         |
| 5                                                          | 1        | 24        |         | 22.64  | 22.63  | 22.68   |           |         |
| 5                                                          | 12       | 0         |         | 21.71  | 21.77  | 21.74   |           |         |
| 5                                                          | 12       | 7         |         | 21.86  | 21.91  | 21.84   |           |         |
| 5                                                          | 12       | 13        |         | 21.85  | 21.86  | 21.84   |           |         |
| 5                                                          | 25       | 0         |         | 21.90  | 21.91  | 21.89   |           |         |
| 5                                                          | 1        | 0         | 16-QAM  | 21.88  | 21.96  | 21.86   | 21.61     | 0.1449  |
| 5                                                          | 1        | 12        |         | 22.23  | 22.26  | 22.24   |           |         |
| 5                                                          | 1        | 24        |         | 22.13  | 22.14  | 22.08   |           |         |
| 5                                                          | 12       | 0         |         | 20.77  | 20.80  | 20.75   |           |         |
| 5                                                          | 12       | 7         |         | 20.82  | 20.87  | 20.85   |           |         |
| 5                                                          | 12       | 13        |         | 20.84  | 20.92  | 20.86   |           |         |
| 5                                                          | 25       | 0         |         | 20.72  | 20.77  | 20.68   |           |         |
| 5                                                          | 1        | 0         | 64-QAM  | 20.66  | 20.67  | 20.63   | 20.14     | 0.1033  |
| 5                                                          | 1        | 12        |         | 20.75  | 20.79  | 20.73   |           |         |
| 5                                                          | 1        | 24        |         | 20.59  | 20.67  | 20.63   |           |         |
| 5                                                          | 12       | 0         |         | 19.95  | 19.99  | 19.90   |           |         |
| 5                                                          | 12       | 7         |         | 19.85  | 19.89  | 19.84   |           |         |
| 5                                                          | 12       | 13        |         | 19.73  | 19.82  | 19.79   |           |         |
| 5                                                          | 25       | 0         |         | 19.91  | 19.94  | 19.84   |           |         |
| 5                                                          | 1        | 0         | 256-QAM | 17.58  | 17.50  | 17.52   | 17.26     | 0.0532  |
| 5                                                          | 1        | 12        |         | 17.56  | 17.70  | 17.56   |           |         |
| 5                                                          | 1        | 24        |         | 17.84  | 17.76  | 17.60   |           |         |
| 5                                                          | 12       | 0         |         | 17.52  | 17.59  | 17.60   |           |         |
| 5                                                          | 12       | 7         |         | 17.59  | 17.59  | 17.50   |           |         |
| 5                                                          | 12       | 13        |         | 17.91  | 17.72  | 17.56   |           |         |
| 5                                                          | 25       | 0         |         | 17.58  | 17.53  | 17.54   |           |         |
| Limit                                                      | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 17 Maximum Average Power [dBm] (GT - LC = -0.7 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                          | 1        | 0         | QPSK    | 22.83  | 22.90  | 22.71   | 20.05     | 0.1012  |
| 10                                                          | 1        | 25        |         | 22.78  | 22.82  | 22.62   |           |         |
| 10                                                          | 1        | 49        |         | 22.53  | 22.61  | 22.56   |           |         |
| 10                                                          | 25       | 0         |         | 21.77  | 22.02  | 21.82   |           |         |
| 10                                                          | 25       | 12        |         | 21.63  | 21.81  | 21.65   |           |         |
| 10                                                          | 25       | 25        |         | 21.77  | 21.63  | 21.85   |           |         |
| 10                                                          | 50       | 0         |         | 21.84  | 21.90  | 21.58   |           |         |
| 10                                                          | 1        | 0         | 16-QAM  | 22.20  | 22.07  | 21.91   | 19.35     | 0.0861  |
| 10                                                          | 1        | 25        |         | 21.92  | 21.93  | 21.91   |           |         |
| 10                                                          | 1        | 49        |         | 22.01  | 21.96  | 21.78   |           |         |
| 10                                                          | 25       | 0         |         | 20.81  | 20.55  | 20.81   |           |         |
| 10                                                          | 25       | 12        |         | 20.84  | 20.66  | 20.82   |           |         |
| 10                                                          | 25       | 25        |         | 20.63  | 20.69  | 20.59   |           |         |
| 10                                                          | 50       | 0         |         | 20.80  | 20.76  | 20.60   |           |         |
| 10                                                          | 1        | 0         | 64-QAM  | 20.95  | 20.72  | 20.77   | 18.1      | 0.0646  |
| 10                                                          | 1        | 25        |         | 20.81  | 20.69  | 20.91   |           |         |
| 10                                                          | 1        | 49        |         | 20.92  | 20.75  | 20.83   |           |         |
| 10                                                          | 25       | 0         |         | 19.75  | 19.69  | 19.76   |           |         |
| 10                                                          | 25       | 12        |         | 19.99  | 19.83  | 19.57   |           |         |
| 10                                                          | 25       | 25        |         | 19.86  | 19.97  | 19.86   |           |         |
| 10                                                          | 50       | 0         |         | 19.82  | 19.85  | 19.78   |           |         |
| 10                                                          | 1        | 0         | 256-QAM | 17.87  | 17.54  | 17.52   | 15.13     | 0.0326  |
| 10                                                          | 1        | 25        |         | 17.82  | 17.86  | 17.62   |           |         |
| 10                                                          | 1        | 49        |         | 17.88  | 17.60  | 17.60   |           |         |
| 10                                                          | 25       | 0         |         | 17.66  | 17.61  | 17.58   |           |         |
| 10                                                          | 25       | 12        |         | 17.98  | 17.72  | 17.55   |           |         |
| 10                                                          | 25       | 25        |         | 17.66  | 17.83  | 17.61   |           |         |
| 10                                                          | 50       | 0         |         | 17.71  | 17.77  | 17.62   |           |         |
| Limit                                                       | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 17 Maximum Average Power [dBm] (GT - LC = -0.7 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                           | 1        | 0         | QPSK    | 22.81  | 22.80  | 22.69   | 19.97     | 0.0993  |
| 5                                                           | 1        | 12        |         | 22.78  | 22.82  | 22.61   |           |         |
| 5                                                           | 1        | 24        |         | 22.53  | 22.57  | 22.48   |           |         |
| 5                                                           | 12       | 0         |         | 21.75  | 21.99  | 21.89   |           |         |
| 5                                                           | 12       | 7         |         | 21.73  | 21.84  | 21.69   |           |         |
| 5                                                           | 12       | 13        |         | 21.72  | 21.61  | 21.83   |           |         |
| 5                                                           | 25       | 0         |         | 21.85  | 21.92  | 21.62   |           |         |
| 5                                                           | 1        | 0         | 16-QAM  | 22.17  | 22.07  | 21.89   | 19.32     | 0.0855  |
| 5                                                           | 1        | 12        |         | 22.00  | 21.88  | 21.90   |           |         |
| 5                                                           | 1        | 24        |         | 22.06  | 21.86  | 21.77   |           |         |
| 5                                                           | 12       | 0         |         | 20.88  | 20.60  | 20.85   |           |         |
| 5                                                           | 12       | 7         |         | 20.90  | 20.72  | 20.76   |           |         |
| 5                                                           | 12       | 13        |         | 20.73  | 20.71  | 20.65   |           |         |
| 5                                                           | 25       | 0         |         | 20.76  | 20.74  | 20.69   |           |         |
| 5                                                           | 1        | 0         | 64-QAM  | 21.03  | 20.74  | 20.74   | 18.18     | 0.0658  |
| 5                                                           | 1        | 12        |         | 20.78  | 20.68  | 20.85   |           |         |
| 5                                                           | 1        | 24        |         | 20.97  | 20.85  | 20.91   |           |         |
| 5                                                           | 12       | 0         |         | 19.71  | 19.71  | 19.69   |           |         |
| 5                                                           | 12       | 7         |         | 19.90  | 19.90  | 19.58   |           |         |
| 5                                                           | 12       | 13        |         | 19.78  | 19.89  | 19.81   |           |         |
| 5                                                           | 25       | 0         |         | 19.86  | 19.88  | 19.77   |           |         |
| 5                                                           | 1        | 0         | 256-QAM | 17.52  | 17.53  | 17.59   | 15.18     | 0.0330  |
| 5                                                           | 1        | 12        |         | 17.66  | 17.70  | 17.62   |           |         |
| 5                                                           | 1        | 24        |         | 17.98  | 18.03  | 17.66   |           |         |
| 5                                                           | 12       | 0         |         | 17.55  | 17.54  | 17.80   |           |         |
| 5                                                           | 12       | 7         |         | 17.61  | 17.76  | 17.53   |           |         |
| 5                                                           | 12       | 13        |         | 18.03  | 17.90  | 17.67   |           |         |
| 5                                                           | 25       | 0         |         | 17.57  | 17.53  | 17.61   |           |         |
| Limit                                                       | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.04 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15                                                          | 1        | 0         | QPSK    | 23.06  | 22.98  | 22.93   | 20.95     | 0.1245  |
| 15                                                          | 1        | 37        |         | 22.85  | 22.83  | 22.71   |           |         |
| 15                                                          | 1        | 74        |         | 22.87  | 22.76  | 22.71   |           |         |
| 15                                                          | 36       | 0         |         | 22.85  | 22.77  | 22.61   |           |         |
| 15                                                          | 36       | 20        |         | 21.83  | 21.54  | 21.83   |           |         |
| 15                                                          | 36       | 39        |         | 21.72  | 21.71  | 21.54   |           |         |
| 15                                                          | 75       | 0         |         | 21.85  | 21.69  | 21.88   |           |         |
| 15                                                          | 1        | 0         | 16-QAM  | 21.90  | 21.89  | 21.61   | 20.04     | 0.1009  |
| 15                                                          | 1        | 37        |         | 21.76  | 21.79  | 21.84   |           |         |
| 15                                                          | 1        | 74        |         | 21.97  | 21.81  | 22.01   |           |         |
| 15                                                          | 36       | 0         |         | 22.15  | 21.66  | 21.96   |           |         |
| 15                                                          | 36       | 20        |         | 20.78  | 20.86  | 20.75   |           |         |
| 15                                                          | 36       | 39        |         | 20.99  | 20.87  | 20.62   |           |         |
| 15                                                          | 75       | 0         |         | 20.85  | 20.98  | 20.94   |           |         |
| 15                                                          | 1        | 0         | 64-QAM  | 21.09  | 20.95  | 20.64   | 18.98     | 0.0791  |
| 15                                                          | 1        | 37        |         | 21.00  | 20.86  | 20.85   |           |         |
| 15                                                          | 1        | 74        |         | 20.86  | 20.66  | 21.00   |           |         |
| 15                                                          | 36       | 0         |         | 20.85  | 20.87  | 20.92   |           |         |
| 15                                                          | 36       | 20        |         | 20.10  | 19.66  | 20.01   |           |         |
| 15                                                          | 36       | 39        |         | 20.04  | 19.72  | 19.71   |           |         |
| 15                                                          | 75       | 0         |         | 19.77  | 19.69  | 19.87   |           |         |
| 15                                                          | 1        | 0         | 256-QAM | 17.70  | 17.79  | 17.79   | 16.11     | 0.0408  |
| 15                                                          | 1        | 37        |         | 17.92  | 18.00  | 17.79   |           |         |
| 15                                                          | 1        | 74        |         | 18.22  | 18.08  | 17.78   |           |         |
| 15                                                          | 36       | 0         |         | 17.72  | 17.74  | 17.96   |           |         |
| 15                                                          | 36       | 20        |         | 17.93  | 17.90  | 17.63   |           |         |
| 15                                                          | 36       | 39        |         | 18.09  | 18.13  | 17.79   |           |         |
| 15                                                          | 75       | 0         |         | 17.61  | 17.83  | 17.88   |           |         |
| Limit                                                       | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.04 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                          | 1        | 0         | QPSK    | 22.97  | 22.90  | 22.83   | 20.86     | 0.1219  |
| 10                                                          | 1        | 25        |         | 22.80  | 22.76  | 22.69   |           |         |
| 10                                                          | 1        | 49        |         | 22.78  | 22.74  | 22.65   |           |         |
| 10                                                          | 25       | 0         |         | 22.82  | 22.71  | 22.51   |           |         |
| 10                                                          | 25       | 12        |         | 21.73  | 21.52  | 21.80   |           |         |
| 10                                                          | 25       | 25        |         | 21.69  | 21.71  | 21.68   |           |         |
| 10                                                          | 50       | 0         |         | 21.75  | 21.64  | 21.86   |           |         |
| 10                                                          | 1        | 0         | 16-QAM  | 21.83  | 21.83  | 21.60   | 20.02     | 0.1005  |
| 10                                                          | 1        | 25        |         | 21.75  | 21.75  | 21.84   |           |         |
| 10                                                          | 1        | 49        |         | 21.97  | 21.77  | 21.97   |           |         |
| 10                                                          | 25       | 0         |         | 22.13  | 21.62  | 21.95   |           |         |
| 10                                                          | 25       | 12        |         | 20.71  | 20.78  | 20.74   |           |         |
| 10                                                          | 25       | 25        |         | 20.92  | 20.81  | 20.52   |           |         |
| 10                                                          | 50       | 0         |         | 20.85  | 20.88  | 20.94   |           |         |
| 10                                                          | 1        | 0         | 64-QAM  | 21.07  | 20.85  | 20.54   | 18.96     | 0.0787  |
| 10                                                          | 1        | 25        |         | 20.92  | 20.80  | 20.82   |           |         |
| 10                                                          | 1        | 49        |         | 20.81  | 20.61  | 20.95   |           |         |
| 10                                                          | 25       | 0         |         | 20.75  | 20.78  | 20.88   |           |         |
| 10                                                          | 25       | 12        |         | 20.10  | 19.64  | 19.99   |           |         |
| 10                                                          | 25       | 25        |         | 19.96  | 19.65  | 19.61   |           |         |
| 10                                                          | 50       | 0         |         | 19.76  | 19.61  | 19.87   |           |         |
| 10                                                          | 1        | 0         | 256-QAM | 17.52  | 17.50  | 17.59   | 15.87     | 0.0386  |
| 10                                                          | 1        | 25        |         | 17.69  | 17.86  | 17.55   |           |         |
| 10                                                          | 1        | 49        |         | 17.92  | 17.90  | 17.61   |           |         |
| 10                                                          | 25       | 0         |         | 17.56  | 17.55  | 17.66   |           |         |
| 10                                                          | 25       | 12        |         | 17.69  | 17.76  | 17.69   |           |         |
| 10                                                          | 25       | 25        |         | 17.98  | 17.92  | 17.55   |           |         |
| 10                                                          | 50       | 0         |         | 17.58  | 17.59  | 17.63   |           |         |
| Limit                                                       | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.04 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                           | 1        | 0         | QPSK    | 23.02  | 22.98  | 22.83   | 20.91     | 0.1233  |
| 5                                                           | 1        | 12        |         | 22.81  | 22.83  | 22.70   |           |         |
| 5                                                           | 1        | 24        |         | 22.81  | 22.73  | 22.70   |           |         |
| 5                                                           | 12       | 0         |         | 22.82  | 22.72  | 22.58   |           |         |
| 5                                                           | 12       | 7         |         | 21.80  | 21.64  | 21.80   |           |         |
| 5                                                           | 12       | 13        |         | 21.68  | 21.64  | 21.50   |           |         |
| 5                                                           | 25       | 0         |         | 21.77  | 21.61  | 21.78   |           |         |
| 5                                                           | 1        | 0         | 16-QAM  | 21.86  | 21.79  | 21.51   | 19.97     | 0.0993  |
| 5                                                           | 1        | 12        |         | 21.76  | 21.73  | 21.83   |           |         |
| 5                                                           | 1        | 24        |         | 21.94  | 21.80  | 22.01   |           |         |
| 5                                                           | 12       | 0         |         | 22.08  | 21.60  | 21.91   |           |         |
| 5                                                           | 12       | 7         |         | 20.75  | 20.84  | 20.67   |           |         |
| 5                                                           | 12       | 13        |         | 20.92  | 20.84  | 20.54   |           |         |
| 5                                                           | 25       | 0         |         | 20.76  | 20.91  | 20.86   |           |         |
| 5                                                           | 1        | 0         | 64-QAM  | 21.07  | 20.92  | 20.54   | 18.96     | 0.0787  |
| 5                                                           | 1        | 12        |         | 21.00  | 20.84  | 20.82   |           |         |
| 5                                                           | 1        | 24        |         | 20.77  | 20.57  | 20.99   |           |         |
| 5                                                           | 12       | 0         |         | 20.79  | 20.86  | 20.84   |           |         |
| 5                                                           | 12       | 7         |         | 20.04  | 19.64  | 19.97   |           |         |
| 5                                                           | 12       | 13        |         | 20.04  | 19.66  | 19.62   |           |         |
| 5                                                           | 25       | 0         |         | 19.68  | 19.65  | 19.85   |           |         |
| 5                                                           | 1        | 0         | 256-QAM | 17.71  | 17.75  | 17.60   | 16.13     | 0.0410  |
| 5                                                           | 1        | 12        |         | 17.85  | 18.05  | 17.72   |           |         |
| 5                                                           | 1        | 24        |         | 18.07  | 18.24  | 17.84   |           |         |
| 5                                                           | 12       | 0         |         | 17.62  | 17.63  | 17.91   |           |         |
| 5                                                           | 12       | 7         |         | 17.83  | 17.81  | 17.70   |           |         |
| 5                                                           | 12       | 13        |         | 18.03  | 18.09  | 17.68   |           |         |
| 5                                                           | 25       | 0         |         | 17.72  | 17.70  | 17.91   |           |         |
| Limit                                                       | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.04 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                           | 1        | 0         | QPSK    | 23.03  | 22.98  | 22.87   | 20.92     | 0.1236  |
| 3                                                           | 1        | 8         |         | 22.82  | 22.75  | 22.71   |           |         |
| 3                                                           | 1        | 14        |         | 22.81  | 22.76  | 22.64   |           |         |
| 3                                                           | 8        | 0         |         | 22.78  | 22.73  | 22.59   |           |         |
| 3                                                           | 8        | 4         |         | 21.81  | 21.54  | 21.80   |           |         |
| 3                                                           | 8        | 7         |         | 21.72  | 21.65  | 21.53   |           |         |
| 3                                                           | 15       | 0         |         | 21.79  | 21.62  | 21.79   |           |         |
| 3                                                           | 1        | 0         | 16-QAM  | 21.87  | 21.87  | 21.55   | 19.96     | 0.0991  |
| 3                                                           | 1        | 8         |         | 21.71  | 21.69  | 21.76   |           |         |
| 3                                                           | 1        | 14        |         | 21.91  | 21.81  | 21.99   |           |         |
| 3                                                           | 8        | 0         |         | 22.07  | 21.64  | 21.96   |           |         |
| 3                                                           | 8        | 4         |         | 20.68  | 20.86  | 20.72   |           |         |
| 3                                                           | 8        | 7         |         | 20.98  | 20.86  | 20.60   |           |         |
| 3                                                           | 15       | 0         |         | 20.75  | 20.91  | 20.88   |           |         |
| 3                                                           | 1        | 0         | 64-QAM  | 21.00  | 20.88  | 20.60   | 18.89     | 0.0774  |
| 3                                                           | 1        | 8         |         | 20.95  | 20.82  | 20.85   |           |         |
| 3                                                           | 1        | 14        |         | 20.83  | 20.56  | 20.90   |           |         |
| 3                                                           | 8        | 0         |         | 20.75  | 20.84  | 20.88   |           |         |
| 3                                                           | 8        | 4         |         | 20.03  | 19.62  | 19.91   |           |         |
| 3                                                           | 8        | 7         |         | 19.99  | 19.63  | 19.65   |           |         |
| 3                                                           | 15       | 0         |         | 19.76  | 19.62  | 19.86   |           |         |
| 3                                                           | 1        | 0         | 256-QAM | 17.65  | 17.75  | 17.63   | 16.08     | 0.0406  |
| 3                                                           | 1        | 8         |         | 17.89  | 17.99  | 17.70   |           |         |
| 3                                                           | 1        | 14        |         | 18.05  | 18.11  | 17.87   |           |         |
| 3                                                           | 8        | 0         |         | 17.68  | 17.66  | 17.85   |           |         |
| 3                                                           | 8        | 4         |         | 17.80  | 17.92  | 17.73   |           |         |
| 3                                                           | 8        | 7         |         | 18.19  | 18.05  | 17.83   |           |         |
| 3                                                           | 15       | 0         |         | 17.75  | 17.72  | 17.94   |           |         |
| Limit                                                       | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.04 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                         | 1        | 0         | QPSK    | 22.86  | 22.64  | 22.60   | 20.75     | 0.1189  |
| 1.4                                                         | 1        | 3         |         | 22.78  | 22.61  | 22.73   |           |         |
| 1.4                                                         | 1        | 5         |         | 22.73  | 22.80  | 22.61   |           |         |
| 1.4                                                         | 3        | 0         |         | 22.84  | 22.65  | 22.61   |           |         |
| 1.4                                                         | 3        | 1         |         | 22.70  | 22.78  | 22.67   |           |         |
| 1.4                                                         | 3        | 3         |         | 22.78  | 22.59  | 22.72   |           |         |
| 1.4                                                         | 6        | 0         |         | 22.04  | 21.81  | 21.70   |           |         |
| 1.4                                                         | 1        | 0         | 16-QAM  | 21.94  | 21.55  | 21.61   | 19.83     | 0.0962  |
| 1.4                                                         | 1        | 3         |         | 21.85  | 21.71  | 21.80   |           |         |
| 1.4                                                         | 1        | 5         |         | 21.93  | 21.61  | 21.90   |           |         |
| 1.4                                                         | 3        | 0         |         | 21.78  | 21.65  | 21.59   |           |         |
| 1.4                                                         | 3        | 1         |         | 21.93  | 21.71  | 21.57   |           |         |
| 1.4                                                         | 3        | 3         |         | 21.69  | 21.68  | 21.86   |           |         |
| 1.4                                                         | 6        | 0         |         | 20.94  | 20.94  | 20.72   |           |         |
| 1.4                                                         | 1        | 0         | 64-QAM  | 20.88  | 20.78  | 20.87   | 18.94     | 0.0783  |
| 1.4                                                         | 1        | 3         |         | 20.97  | 20.69  | 21.03   |           |         |
| 1.4                                                         | 1        | 5         |         | 20.97  | 20.82  | 20.73   |           |         |
| 1.4                                                         | 3        | 0         |         | 21.01  | 20.72  | 20.81   |           |         |
| 1.4                                                         | 3        | 1         |         | 21.05  | 20.68  | 20.77   |           |         |
| 1.4                                                         | 3        | 3         |         | 21.02  | 20.89  | 20.92   |           |         |
| 1.4                                                         | 6        | 0         |         | 20.02  | 19.64  | 19.59   |           |         |
| 1.4                                                         | 1        | 0         | 256-QAM | 17.62  | 17.75  | 17.61   | 16.08     | 0.0406  |
| 1.4                                                         | 1        | 3         |         | 17.90  | 17.97  | 17.65   |           |         |
| 1.4                                                         | 1        | 5         |         | 18.13  | 18.17  | 17.76   |           |         |
| 1.4                                                         | 3        | 0         |         | 17.76  | 17.62  | 17.82   |           |         |
| 1.4                                                         | 3        | 1         |         | 17.77  | 17.84  | 17.66   |           |         |
| 1.4                                                         | 3        | 3         |         | 18.19  | 18.10  | 17.77   |           |         |
| 1.4                                                         | 6        | 0         |         | 17.69  | 17.78  | 17.95   |           |         |
| Limit                                                       | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                         | 1         | 0         | QPSK    | 23.24  | 23.19  | 23.07   | 25.14      | 0.3266   |
| 20                                                         | 1         | 49        |         | 23.07  | 23.08  | 22.99   |            |          |
| 20                                                         | 1         | 99        |         | 23.21  | 23.09  | 22.89   |            |          |
| 20                                                         | 50        | 0         |         | 22.39  | 22.34  | 22.20   |            |          |
| 20                                                         | 50        | 24        |         | 22.23  | 22.12  | 21.99   |            |          |
| 20                                                         | 50        | 50        |         | 22.11  | 22.20  | 22.17   |            |          |
| 20                                                         | 100       | 0         |         | 22.12  | 22.15  | 22.24   |            |          |
| 20                                                         | 1         | 0         | 16-QAM  | 22.26  | 21.99  | 21.90   | 24.26      | 0.2667   |
| 20                                                         | 1         | 49        |         | 22.30  | 22.04  | 21.88   |            |          |
| 20                                                         | 1         | 99        |         | 22.36  | 22.24  | 22.25   |            |          |
| 20                                                         | 50        | 0         |         | 21.35  | 21.15  | 20.87   |            |          |
| 20                                                         | 50        | 24        |         | 21.23  | 21.05  | 21.14   |            |          |
| 20                                                         | 50        | 50        |         | 21.28  | 21.31  | 21.18   |            |          |
| 20                                                         | 100       | 0         |         | 21.39  | 21.04  | 21.12   |            |          |
| 20                                                         | 1         | 0         | 64-QAM  | 21.12  | 21.16  | 21.14   | 23.21      | 0.2094   |
| 20                                                         | 1         | 49        |         | 21.31  | 21.25  | 21.19   |            |          |
| 20                                                         | 1         | 99        |         | 21.15  | 21.20  | 21.11   |            |          |
| 20                                                         | 50        | 0         |         | 20.14  | 20.21  | 20.01   |            |          |
| 20                                                         | 50        | 24        |         | 20.43  | 20.01  | 20.14   |            |          |
| 20                                                         | 50        | 50        |         | 20.44  | 20.21  | 20.26   |            |          |
| 20                                                         | 100       | 0         |         | 20.44  | 20.00  | 19.87   |            |          |
| 20                                                         | 1         | 0         | 256-QAM | 17.68  | 17.82  | 17.74   | 20.07      | 0.1016   |
| 20                                                         | 1         | 49        |         | 17.95  | 18.02  | 17.64   |            |          |
| 20                                                         | 1         | 99        |         | 18.08  | 18.07  | 17.79   |            |          |
| 20                                                         | 50        | 0         |         | 17.67  | 17.63  | 17.88   |            |          |
| 20                                                         | 50        | 24        |         | 17.85  | 17.85  | 17.65   |            |          |
| 20                                                         | 50        | 50        |         | 18.17  | 18.15  | 17.76   |            |          |
| 20                                                         | 100       | 0         |         | 17.61  | 17.79  | 17.97   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                         | 1         | 0         | QPSK    | 23.18  | 23.13  | 22.98   | 25.08      | 0.3221   |
| 15                                                         | 1         | 37        |         | 23.01  | 22.98  | 22.98   |            |          |
| 15                                                         | 1         | 74        |         | 23.13  | 23.02  | 22.88   |            |          |
| 15                                                         | 36        | 0         |         | 22.31  | 22.32  | 22.19   |            |          |
| 15                                                         | 36        | 20        |         | 22.19  | 22.11  | 21.90   |            |          |
| 15                                                         | 36        | 39        |         | 22.04  | 22.17  | 22.14   |            |          |
| 15                                                         | 75        | 0         |         | 22.08  | 22.08  | 22.18   |            |          |
| 15                                                         | 1         | 0         | 16-QAM  | 22.25  | 21.93  | 21.89   | 24.26      | 0.2667   |
| 15                                                         | 1         | 37        |         | 22.20  | 21.98  | 21.78   |            |          |
| 15                                                         | 1         | 74        |         | 22.36  | 22.24  | 22.16   |            |          |
| 15                                                         | 36        | 0         |         | 21.33  | 21.13  | 20.87   |            |          |
| 15                                                         | 36        | 20        |         | 21.16  | 21.02  | 21.07   |            |          |
| 15                                                         | 36        | 39        |         | 21.22  | 21.26  | 21.16   |            |          |
| 15                                                         | 75        | 0         |         | 21.34  | 21.03  | 21.09   |            |          |
| 15                                                         | 1         | 0         | 64-QAM  | 21.12  | 21.11  | 21.06   | 23.21      | 0.2094   |
| 15                                                         | 1         | 37        |         | 21.31  | 21.21  | 21.16   |            |          |
| 15                                                         | 1         | 74        |         | 21.08  | 21.11  | 21.02   |            |          |
| 15                                                         | 36        | 0         |         | 20.10  | 20.18  | 19.96   |            |          |
| 15                                                         | 36        | 20        |         | 20.40  | 19.95  | 20.10   |            |          |
| 15                                                         | 36        | 39        |         | 20.41  | 20.21  | 20.22   |            |          |
| 15                                                         | 75        | 0         |         | 20.40  | 20.00  | 19.87   |            |          |
| 15                                                         | 1         | 0         | 256-QAM | 17.77  | 17.68  | 17.74   | 20.07      | 0.1016   |
| 15                                                         | 1         | 37        |         | 17.96  | 17.96  | 17.68   |            |          |
| 15                                                         | 1         | 74        |         | 18.17  | 18.17  | 17.74   |            |          |
| 15                                                         | 36        | 0         |         | 17.80  | 17.64  | 17.80   |            |          |
| 15                                                         | 36        | 20        |         | 17.78  | 17.83  | 17.71   |            |          |
| 15                                                         | 36        | 39        |         | 18.17  | 18.12  | 17.81   |            |          |
| 15                                                         | 75        | 0         |         | 17.78  | 17.82  | 17.81   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                         | 1         | 0         | QPSK    | 23.15  | 23.09  | 22.97   | 25.05      | 0.3199   |
| 10                                                         | 1         | 25        |         | 22.98  | 23.07  | 22.93   |            |          |
| 10                                                         | 1         | 49        |         | 23.15  | 23.04  | 22.89   |            |          |
| 10                                                         | 25        | 0         |         | 22.35  | 22.31  | 22.17   |            |          |
| 10                                                         | 25        | 12        |         | 22.21  | 22.06  | 21.96   |            |          |
| 10                                                         | 25        | 25        |         | 22.05  | 22.13  | 22.13   |            |          |
| 10                                                         | 50        | 0         |         | 22.11  | 22.08  | 22.22   |            |          |
| 10                                                         | 1         | 0         | 16-QAM  | 22.19  | 21.93  | 21.84   | 24.26      | 0.2667   |
| 10                                                         | 1         | 25        |         | 22.21  | 21.96  | 21.84   |            |          |
| 10                                                         | 1         | 49        |         | 22.36  | 22.21  | 22.16   |            |          |
| 10                                                         | 25        | 0         |         | 21.29  | 21.08  | 20.79   |            |          |
| 10                                                         | 25        | 12        |         | 21.13  | 21.04  | 21.11   |            |          |
| 10                                                         | 25        | 25        |         | 21.22  | 21.29  | 21.11   |            |          |
| 10                                                         | 50        | 0         |         | 21.30  | 20.97  | 21.11   |            |          |
| 10                                                         | 1         | 0         | 64-QAM  | 21.11  | 21.07  | 21.04   | 23.13      | 0.2056   |
| 10                                                         | 1         | 25        |         | 21.23  | 21.20  | 21.18   |            |          |
| 10                                                         | 1         | 49        |         | 21.05  | 21.17  | 21.02   |            |          |
| 10                                                         | 25        | 0         |         | 20.08  | 20.15  | 19.96   |            |          |
| 10                                                         | 25        | 12        |         | 20.43  | 19.93  | 20.13   |            |          |
| 10                                                         | 25        | 25        |         | 20.39  | 20.12  | 20.22   |            |          |
| 10                                                         | 50        | 0         |         | 20.38  | 19.99  | 19.82   |            |          |
| 10                                                         | 1         | 0         | 256-QAM | 17.72  | 17.68  | 17.76   | 20.12      | 0.1028   |
| 10                                                         | 1         | 25        |         | 17.86  | 18.07  | 17.76   |            |          |
| 10                                                         | 1         | 49        |         | 18.07  | 18.22  | 17.88   |            |          |
| 10                                                         | 25        | 0         |         | 17.77  | 17.77  | 17.81   |            |          |
| 10                                                         | 25        | 12        |         | 17.89  | 17.83  | 17.67   |            |          |
| 10                                                         | 25        | 25        |         | 18.07  | 18.15  | 17.88   |            |          |
| 10                                                         | 50        | 0         |         | 17.75  | 17.74  | 17.97   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                          | 1         | 0         | QPSK    | 23.18  | 23.15  | 23.02   | 25.11      | 0.3243   |
| 5                                                          | 1         | 12        |         | 23.04  | 23.07  | 22.96   |            |          |
| 5                                                          | 1         | 24        |         | 23.21  | 23.07  | 22.81   |            |          |
| 5                                                          | 12        | 0         |         | 22.39  | 22.30  | 22.12   |            |          |
| 5                                                          | 12        | 7         |         | 22.13  | 22.10  | 21.97   |            |          |
| 5                                                          | 12        | 13        |         | 22.06  | 22.13  | 22.12   |            |          |
| 5                                                          | 25        | 0         |         | 22.03  | 22.14  | 22.21   |            |          |
| 5                                                          | 1         | 0         | 16-QAM  | 22.20  | 21.91  | 21.83   | 24.24      | 0.2655   |
| 5                                                          | 1         | 12        |         | 22.28  | 22.04  | 21.86   |            |          |
| 5                                                          | 1         | 24        |         | 22.34  | 22.16  | 22.18   |            |          |
| 5                                                          | 12        | 0         |         | 21.32  | 21.07  | 20.78   |            |          |
| 5                                                          | 12        | 7         |         | 21.20  | 20.96  | 21.05   |            |          |
| 5                                                          | 12        | 13        |         | 21.26  | 21.29  | 21.18   |            |          |
| 5                                                          | 25        | 0         |         | 21.31  | 20.96  | 21.05   |            |          |
| 5                                                          | 1         | 0         | 64-QAM  | 21.09  | 21.09  | 21.10   | 23.19      | 0.2084   |
| 5                                                          | 1         | 12        |         | 21.29  | 21.22  | 21.19   |            |          |
| 5                                                          | 1         | 24        |         | 21.08  | 21.19  | 21.02   |            |          |
| 5                                                          | 12        | 0         |         | 20.04  | 20.16  | 19.92   |            |          |
| 5                                                          | 12        | 7         |         | 20.43  | 19.94  | 20.07   |            |          |
| 5                                                          | 12        | 13        |         | 20.44  | 20.21  | 20.24   |            |          |
| 5                                                          | 25        | 0         |         | 20.36  | 19.93  | 19.81   |            |          |
| 5                                                          | 1         | 0         | 256-QAM | 17.66  | 17.75  | 17.72   | 20.13      | 0.1030   |
| 5                                                          | 1         | 12        |         | 17.87  | 18.06  | 17.65   |            |          |
| 5                                                          | 1         | 24        |         | 18.23  | 18.18  | 17.79   |            |          |
| 5                                                          | 12        | 0         |         | 17.73  | 17.69  | 17.93   |            |          |
| 5                                                          | 12        | 7         |         | 17.79  | 17.77  | 17.77   |            |          |
| 5                                                          | 12        | 13        |         | 18.19  | 17.99  | 17.79   |            |          |
| 5                                                          | 25        | 0         |         | 17.70  | 17.77  | 17.78   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                         | 1         | 0         | QPSK    | 23.15  | 23.26  | 23.08   | 25.16      | 0.3281   |
| 20                                                         | 1         | 49        |         | 23.07  | 23.10  | 22.98   |            |          |
| 20                                                         | 1         | 99        |         | 23.02  | 23.06  | 22.99   |            |          |
| 20                                                         | 50        | 0         |         | 22.29  | 22.30  | 22.23   |            |          |
| 20                                                         | 50        | 24        |         | 22.02  | 21.99  | 22.18   |            |          |
| 20                                                         | 50        | 50        |         | 22.00  | 22.21  | 22.28   |            |          |
| 20                                                         | 100       | 0         |         | 22.13  | 22.08  | 22.25   |            |          |
| 20                                                         | 1         | 0         | 16-QAM  | 22.27  | 22.33  | 22.25   | 24.23      | 0.2649   |
| 20                                                         | 1         | 49        |         | 22.11  | 22.20  | 22.05   |            |          |
| 20                                                         | 1         | 99        |         | 21.98  | 22.00  | 21.91   |            |          |
| 20                                                         | 50        | 0         |         | 21.04  | 21.24  | 21.20   |            |          |
| 20                                                         | 50        | 24        |         | 21.34  | 21.32  | 20.95   |            |          |
| 20                                                         | 50        | 50        |         | 21.16  | 21.03  | 20.94   |            |          |
| 20                                                         | 100       | 0         |         | 21.18  | 21.25  | 21.15   |            |          |
| 20                                                         | 1         | 0         | 64-QAM  | 21.23  | 21.10  | 21.15   | 23.18      | 0.2080   |
| 20                                                         | 1         | 49        |         | 21.07  | 21.28  | 20.99   |            |          |
| 20                                                         | 1         | 99        |         | 21.22  | 21.25  | 21.18   |            |          |
| 20                                                         | 50        | 0         |         | 19.97  | 20.31  | 20.00   |            |          |
| 20                                                         | 50        | 24        |         | 20.20  | 20.09  | 20.05   |            |          |
| 20                                                         | 50        | 50        |         | 20.31  | 20.19  | 20.03   |            |          |
| 20                                                         | 100       | 0         |         | 20.01  | 20.07  | 20.25   |            |          |
| 20                                                         | 1         | 0         | 256-QAM | 17.88  | 17.70  | 17.61   | 20.12      | 0.1028   |
| 20                                                         | 1         | 49        |         | 17.96  | 17.92  | 17.67   |            |          |
| 20                                                         | 1         | 99        |         | 18.20  | 18.22  | 17.81   |            |          |
| 20                                                         | 50        | 0         |         | 17.68  | 17.79  | 17.90   |            |          |
| 20                                                         | 50        | 24        |         | 17.94  | 17.85  | 17.72   |            |          |
| 20                                                         | 50        | 50        |         | 18.08  | 18.09  | 17.81   |            |          |
| 20                                                         | 100       | 0         |         | 17.73  | 17.68  | 17.83   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                         | 1         | 0         | QPSK    | 23.11  | 23.25  | 22.98   | 25.15      | 0.3273   |
| 15                                                         | 1         | 37        |         | 22.99  | 23.01  | 22.88   |            |          |
| 15                                                         | 1         | 74        |         | 22.92  | 23.03  | 22.91   |            |          |
| 15                                                         | 36        | 0         |         | 22.22  | 22.26  | 22.21   |            |          |
| 15                                                         | 36        | 20        |         | 21.94  | 21.92  | 22.16   |            |          |
| 15                                                         | 36        | 39        |         | 22.00  | 22.11  | 22.23   |            |          |
| 15                                                         | 75        | 0         |         | 22.03  | 22.07  | 22.21   |            |          |
| 15                                                         | 1         | 0         | 16-QAM  | 22.26  | 22.24  | 22.15   | 24.16      | 0.2606   |
| 15                                                         | 1         | 37        |         | 22.02  | 22.17  | 21.98   |            |          |
| 15                                                         | 1         | 74        |         | 21.92  | 21.96  | 21.81   |            |          |
| 15                                                         | 36        | 0         |         | 21.03  | 21.14  | 21.10   |            |          |
| 15                                                         | 36        | 20        |         | 21.33  | 21.23  | 20.90   |            |          |
| 15                                                         | 36        | 39        |         | 21.10  | 20.95  | 20.94   |            |          |
| 15                                                         | 75        | 0         |         | 21.14  | 21.16  | 21.13   |            |          |
| 15                                                         | 1         | 0         | 64-QAM  | 21.19  | 21.10  | 21.14   | 23.15      | 0.2065   |
| 15                                                         | 1         | 37        |         | 21.01  | 21.25  | 20.99   |            |          |
| 15                                                         | 1         | 74        |         | 21.19  | 21.25  | 21.10   |            |          |
| 15                                                         | 36        | 0         |         | 19.88  | 20.30  | 19.91   |            |          |
| 15                                                         | 36        | 20        |         | 20.19  | 20.06  | 20.05   |            |          |
| 15                                                         | 36        | 39        |         | 20.22  | 20.10  | 19.94   |            |          |
| 15                                                         | 75        | 0         |         | 19.97  | 20.04  | 20.24   |            |          |
| 15                                                         | 1         | 0         | 256-QAM | 17.78  | 17.78  | 17.71   | 20.13      | 0.1030   |
| 15                                                         | 1         | 37        |         | 17.91  | 17.93  | 17.64   |            |          |
| 15                                                         | 1         | 74        |         | 18.15  | 18.21  | 17.83   |            |          |
| 15                                                         | 36        | 0         |         | 17.65  | 17.66  | 17.99   |            |          |
| 15                                                         | 36        | 20        |         | 17.95  | 17.93  | 17.77   |            |          |
| 15                                                         | 36        | 39        |         | 18.08  | 18.23  | 17.85   |            |          |
| 15                                                         | 75        | 0         |         | 17.71  | 17.75  | 17.97   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                         | 1         | 0         | QPSK    | 23.12  | 23.16  | 23.06   | 25.06      | 0.3206   |
| 10                                                         | 1         | 25        |         | 23.02  | 23.05  | 22.91   |            |          |
| 10                                                         | 1         | 49        |         | 23.01  | 23.01  | 22.97   |            |          |
| 10                                                         | 25        | 0         |         | 22.29  | 22.22  | 22.23   |            |          |
| 10                                                         | 25        | 12        |         | 21.93  | 21.97  | 22.08   |            |          |
| 10                                                         | 25        | 25        |         | 21.95  | 22.12  | 22.23   |            |          |
| 10                                                         | 50        | 0         |         | 22.13  | 22.05  | 22.25   |            |          |
| 10                                                         | 1         | 0         | 16-QAM  | 22.25  | 22.24  | 22.21   | 24.15      | 0.2600   |
| 10                                                         | 1         | 25        |         | 22.11  | 22.19  | 22.03   |            |          |
| 10                                                         | 1         | 49        |         | 21.98  | 21.97  | 21.90   |            |          |
| 10                                                         | 25        | 0         |         | 21.01  | 21.23  | 21.14   |            |          |
| 10                                                         | 25        | 12        |         | 21.30  | 21.32  | 20.87   |            |          |
| 10                                                         | 25        | 25        |         | 21.16  | 21.00  | 20.94   |            |          |
| 10                                                         | 50        | 0         |         | 21.09  | 21.17  | 21.06   |            |          |
| 10                                                         | 1         | 0         | 64-QAM  | 21.18  | 21.06  | 21.08   | 23.13      | 0.2056   |
| 10                                                         | 1         | 25        |         | 21.04  | 21.23  | 20.89   |            |          |
| 10                                                         | 1         | 49        |         | 21.18  | 21.16  | 21.18   |            |          |
| 10                                                         | 25        | 0         |         | 19.97  | 20.23  | 19.95   |            |          |
| 10                                                         | 25        | 12        |         | 20.20  | 20.06  | 19.97   |            |          |
| 10                                                         | 25        | 25        |         | 20.21  | 20.16  | 20.01   |            |          |
| 10                                                         | 50        | 0         |         | 19.91  | 19.98  | 20.15   |            |          |
| 10                                                         | 1         | 0         | 256-QAM | 17.85  | 17.73  | 17.73   | 20.13      | 0.1030   |
| 10                                                         | 1         | 25        |         | 17.92  | 17.96  | 17.66   |            |          |
| 10                                                         | 1         | 49        |         | 18.23  | 18.13  | 17.75   |            |          |
| 10                                                         | 25        | 0         |         | 17.74  | 17.60  | 17.81   |            |          |
| 10                                                         | 25        | 12        |         | 17.87  | 17.83  | 17.72   |            |          |
| 10                                                         | 25        | 25        |         | 17.98  | 18.19  | 17.70   |            |          |
| 10                                                         | 50        | 0         |         | 17.79  | 17.61  | 17.89   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                          | 1         | 0         | QPSK    | 23.05  | 23.24  | 23.08   | 25.14      | 0.3266   |
| 5                                                          | 1         | 12        |         | 23.04  | 23.07  | 22.90   |            |          |
| 5                                                          | 1         | 24        |         | 23.01  | 23.00  | 22.99   |            |          |
| 5                                                          | 12        | 0         |         | 22.26  | 22.26  | 22.14   |            |          |
| 5                                                          | 12        | 7         |         | 21.99  | 21.90  | 22.08   |            |          |
| 5                                                          | 12        | 13        |         | 21.93  | 22.14  | 22.23   |            |          |
| 5                                                          | 25        | 0         |         | 22.03  | 22.08  | 22.15   |            |          |
| 5                                                          | 1         | 0         | 16-QAM  | 22.20  | 22.24  | 22.19   | 24.14      | 0.2594   |
| 5                                                          | 1         | 12        |         | 22.10  | 22.13  | 22.03   |            |          |
| 5                                                          | 1         | 24        |         | 21.94  | 21.90  | 21.85   |            |          |
| 5                                                          | 12        | 0         |         | 20.96  | 21.23  | 21.16   |            |          |
| 5                                                          | 12        | 7         |         | 21.29  | 21.30  | 20.88   |            |          |
| 5                                                          | 12        | 13        |         | 21.15  | 20.98  | 20.89   |            |          |
| 5                                                          | 25        | 0         |         | 21.14  | 21.22  | 21.06   |            |          |
| 5                                                          | 1         | 0         | 64-QAM  | 21.16  | 21.09  | 21.10   | 23.15      | 0.2065   |
| 5                                                          | 1         | 12        |         | 20.97  | 21.24  | 20.91   |            |          |
| 5                                                          | 1         | 24        |         | 21.21  | 21.25  | 21.15   |            |          |
| 5                                                          | 12        | 0         |         | 19.87  | 20.25  | 19.96   |            |          |
| 5                                                          | 12        | 7         |         | 20.19  | 20.06  | 19.95   |            |          |
| 5                                                          | 12        | 13        |         | 20.23  | 20.19  | 20.01   |            |          |
| 5                                                          | 25        | 0         |         | 19.98  | 19.99  | 20.20   |            |          |
| 5                                                          | 1         | 0         | 256-QAM | 17.73  | 17.69  | 17.68   | 20.04      | 0.1009   |
| 5                                                          | 1         | 12        |         | 17.89  | 17.97  | 17.72   |            |          |
| 5                                                          | 1         | 24        |         | 18.06  | 18.14  | 17.84   |            |          |
| 5                                                          | 12        | 0         |         | 17.69  | 17.74  | 17.95   |            |          |
| 5                                                          | 12        | 7         |         | 17.82  | 17.82  | 17.67   |            |          |
| 5                                                          | 12        | 13        |         | 18.09  | 18.04  | 17.85   |            |          |
| 5                                                          | 25        | 0         |         | 17.71  | 17.66  | 17.97   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                               | 1         | 0         | QPSK    | 25.83  | 25.70  | 25.67   | 27.73      | 0.5929   |
| 20                                                               | 1         | 49        |         | 25.67  | 25.62  | 25.65   |            |          |
| 20                                                               | 1         | 99        |         | 25.67  | 25.61  | 25.61   |            |          |
| 20                                                               | 50        | 0         |         | 24.97  | 24.69  | 24.70   |            |          |
| 20                                                               | 50        | 24        |         | 24.96  | 24.62  | 24.64   |            |          |
| 20                                                               | 50        | 50        |         | 24.79  | 24.60  | 24.63   |            |          |
| 20                                                               | 100       | 0         |         | 24.91  | 24.58  | 24.60   |            |          |
| 20                                                               | 1         | 0         | 16-QAM  | 24.70  | 24.63  | 24.67   | 26.88      | 0.4875   |
| 20                                                               | 1         | 49        |         | 24.85  | 24.61  | 24.65   |            |          |
| 20                                                               | 1         | 99        |         | 24.98  | 24.55  | 24.57   |            |          |
| 20                                                               | 50        | 0         |         | 23.97  | 23.67  | 23.64   |            |          |
| 20                                                               | 50        | 24        |         | 23.71  | 23.54  | 23.60   |            |          |
| 20                                                               | 50        | 50        |         | 23.70  | 23.55  | 23.59   |            |          |
| 20                                                               | 100       | 0         |         | 23.73  | 23.55  | 23.52   |            |          |
| 20                                                               | 1         | 0         | 64-QAM  | 23.93  | 23.58  | 23.60   | 25.93      | 0.3917   |
| 20                                                               | 1         | 49        |         | 23.74  | 23.57  | 23.62   |            |          |
| 20                                                               | 1         | 99        |         | 24.03  | 23.53  | 23.55   |            |          |
| 20                                                               | 50        | 0         |         | 22.87  | 22.63  | 22.62   |            |          |
| 20                                                               | 50        | 24        |         | 22.80  | 22.67  | 22.67   |            |          |
| 20                                                               | 50        | 50        |         | 22.93  | 22.60  | 22.60   |            |          |
| 20                                                               | 100       | 0         |         | 22.91  | 22.66  | 22.63   |            |          |
| 20                                                               | 1         | 0         | 256-QAM | 21.69  | 21.50  | 21.54   | 23.75      | 0.2371   |
| 20                                                               | 1         | 49        |         | 21.73  | 21.58  | 21.55   |            |          |
| 20                                                               | 1         | 99        |         | 21.85  | 21.45  | 21.54   |            |          |
| 20                                                               | 50        | 0         |         | 21.84  | 21.51  | 21.63   |            |          |
| 20                                                               | 50        | 24        |         | 21.71  | 21.50  | 21.58   |            |          |
| 20                                                               | 50        | 50        |         | 21.77  | 21.44  | 21.48   |            |          |
| 20                                                               | 100       | 0         |         | 21.76  | 21.46  | 21.61   |            |          |
| Limit                                                            | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                               | 1         | 0         | QPSK    | 25.79  | 25.69  | 25.57   | 27.69      | 0.5875   |
| 15                                                               | 1         | 37        |         | 25.64  | 25.59  | 25.59   |            |          |
| 15                                                               | 1         | 74        |         | 25.59  | 25.57  | 25.58   |            |          |
| 15                                                               | 36        | 0         |         | 24.90  | 24.65  | 24.67   |            |          |
| 15                                                               | 36        | 20        |         | 24.89  | 24.61  | 24.61   |            |          |
| 15                                                               | 36        | 39        |         | 24.71  | 24.57  | 24.53   |            |          |
| 15                                                               | 75        | 0         |         | 24.91  | 24.58  | 24.50   |            |          |
| 15                                                               | 1         | 0         | 16-QAM  | 24.61  | 24.56  | 24.67   | 26.84      | 0.4831   |
| 15                                                               | 1         | 37        |         | 24.82  | 24.55  | 24.59   |            |          |
| 15                                                               | 1         | 74        |         | 24.94  | 24.55  | 24.59   |            |          |
| 15                                                               | 36        | 0         |         | 23.89  | 23.60  | 23.54   |            |          |
| 15                                                               | 36        | 20        |         | 23.62  | 23.58  | 23.57   |            |          |
| 15                                                               | 36        | 39        |         | 23.69  | 23.50  | 23.59   |            |          |
| 15                                                               | 75        | 0         |         | 23.67  | 23.52  | 23.58   |            |          |
| 15                                                               | 1         | 0         | 64-QAM  | 23.86  | 23.57  | 23.52   | 25.88      | 0.3873   |
| 15                                                               | 1         | 37        |         | 23.64  | 23.50  | 23.62   |            |          |
| 15                                                               | 1         | 74        |         | 23.98  | 23.57  | 23.55   |            |          |
| 15                                                               | 36        | 0         |         | 22.81  | 22.54  | 22.54   |            |          |
| 15                                                               | 36        | 20        |         | 22.75  | 22.62  | 22.61   |            |          |
| 15                                                               | 36        | 39        |         | 22.85  | 22.52  | 22.59   |            |          |
| 15                                                               | 75        | 0         |         | 22.85  | 22.66  | 22.63   |            |          |
| 15                                                               | 1         | 0         | 256-QAM | 21.85  | 21.50  | 21.57   | 23.78      | 0.2388   |
| 15                                                               | 1         | 37        |         | 21.64  | 21.58  | 21.67   |            |          |
| 15                                                               | 1         | 74        |         | 21.84  | 21.41  | 21.56   |            |          |
| 15                                                               | 36        | 0         |         | 21.88  | 21.63  | 21.46   |            |          |
| 15                                                               | 36        | 20        |         | 21.65  | 21.48  | 21.60   |            |          |
| 15                                                               | 36        | 39        |         | 21.77  | 21.55  | 21.40   |            |          |
| 15                                                               | 75        | 0         |         | 21.85  | 21.53  | 21.55   |            |          |
| Limit                                                            | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                               | 1         | 0         | QPSK    | 25.81  | 25.69  | 25.58   | 27.71      | 0.5902   |
| 10                                                               | 1         | 25        |         | 25.61  | 25.56  | 25.55   |            |          |
| 10                                                               | 1         | 49        |         | 25.67  | 25.54  | 25.54   |            |          |
| 10                                                               | 25        | 0         |         | 24.88  | 24.59  | 24.61   |            |          |
| 10                                                               | 25        | 12        |         | 24.93  | 24.53  | 24.56   |            |          |
| 10                                                               | 25        | 25        |         | 24.71  | 24.55  | 24.59   |            |          |
| 10                                                               | 50        | 0         |         | 24.90  | 24.55  | 24.54   |            |          |
| 10                                                               | 1         | 0         | 16-QAM  | 24.61  | 24.60  | 24.58   | 26.86      | 0.4853   |
| 10                                                               | 1         | 25        |         | 24.83  | 24.59  | 24.62   |            |          |
| 10                                                               | 1         | 49        |         | 24.96  | 24.59  | 24.50   |            |          |
| 10                                                               | 25        | 0         |         | 23.92  | 23.66  | 23.56   |            |          |
| 10                                                               | 25        | 12        |         | 23.67  | 23.54  | 23.52   |            |          |
| 10                                                               | 25        | 25        |         | 23.67  | 23.55  | 23.55   |            |          |
| 10                                                               | 50        | 0         |         | 23.71  | 23.53  | 23.52   |            |          |
| 10                                                               | 1         | 0         | 64-QAM  | 23.91  | 23.51  | 23.54   | 25.83      | 0.3828   |
| 10                                                               | 1         | 25        |         | 23.74  | 23.54  | 23.56   |            |          |
| 10                                                               | 1         | 49        |         | 23.93  | 23.56  | 23.55   |            |          |
| 10                                                               | 25        | 0         |         | 22.78  | 22.58  | 22.57   |            |          |
| 10                                                               | 25        | 12        |         | 22.78  | 22.64  | 22.59   |            |          |
| 10                                                               | 25        | 25        |         | 22.88  | 22.55  | 22.50   |            |          |
| 10                                                               | 50        | 0         |         | 22.91  | 22.62  | 22.58   |            |          |
| 10                                                               | 1         | 0         | 256-QAM | 21.80  | 21.56  | 21.42   | 23.80      | 0.2399   |
| 10                                                               | 1         | 25        |         | 21.77  | 21.53  | 21.57   |            |          |
| 10                                                               | 1         | 49        |         | 21.78  | 21.55  | 21.49   |            |          |
| 10                                                               | 25        | 0         |         | 21.90  | 21.58  | 21.59   |            |          |
| 10                                                               | 25        | 12        |         | 21.80  | 21.49  | 21.55   |            |          |
| 10                                                               | 25        | 25        |         | 21.83  | 21.56  | 21.52   |            |          |
| 10                                                               | 50        | 0         |         | 21.89  | 21.63  | 21.44   |            |          |
| Limit                                                            | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                                | 1         | 0         | QPSK    | 25.82  | 25.70  | 25.59   | 27.72      | 0.5916   |
| 5                                                                | 1         | 12        |         | 25.62  | 25.61  | 25.55   |            |          |
| 5                                                                | 1         | 24        |         | 25.64  | 25.56  | 25.55   |            |          |
| 5                                                                | 12        | 0         |         | 24.88  | 24.64  | 24.69   |            |          |
| 5                                                                | 12        | 7         |         | 24.96  | 24.59  | 24.62   |            |          |
| 5                                                                | 12        | 13        |         | 24.72  | 24.58  | 24.63   |            |          |
| 5                                                                | 25        | 0         |         | 24.88  | 24.58  | 24.57   |            |          |
| 5                                                                | 1         | 0         | 16-QAM  | 24.65  | 24.60  | 24.67   | 26.83      | 0.4819   |
| 5                                                                | 1         | 12        |         | 24.75  | 24.60  | 24.55   |            |          |
| 5                                                                | 1         | 24        |         | 24.93  | 24.55  | 24.57   |            |          |
| 5                                                                | 12        | 0         |         | 23.91  | 23.66  | 23.55   |            |          |
| 5                                                                | 12        | 7         |         | 23.66  | 23.54  | 23.53   |            |          |
| 5                                                                | 12        | 13        |         | 23.67  | 23.58  | 23.52   |            |          |
| 5                                                                | 25        | 0         |         | 23.65  | 23.52  | 24.58   |            |          |
| 5                                                                | 1         | 0         | 64-QAM  | 23.90  | 23.50  | 23.51   | 25.87      | 0.3864   |
| 5                                                                | 1         | 12        |         | 23.67  | 23.54  | 23.58   |            |          |
| 5                                                                | 1         | 24        |         | 23.97  | 23.53  | 23.55   |            |          |
| 5                                                                | 12        | 0         |         | 22.85  | 22.63  | 22.55   |            |          |
| 5                                                                | 12        | 7         |         | 22.76  | 22.64  | 22.61   |            |          |
| 5                                                                | 12        | 13        |         | 22.89  | 22.55  | 22.55   |            |          |
| 5                                                                | 25        | 0         |         | 22.85  | 22.66  | 22.56   |            |          |
| 5                                                                | 1         | 0         | 256-QAM | 21.76  | 21.56  | 21.47   | 23.83      | 0.2415   |
| 5                                                                | 1         | 12        |         | 21.71  | 21.65  | 21.54   |            |          |
| 5                                                                | 1         | 24        |         | 21.93  | 21.42  | 21.45   |            |          |
| 5                                                                | 12        | 0         |         | 21.87  | 21.62  | 21.51   |            |          |
| 5                                                                | 12        | 7         |         | 21.78  | 21.65  | 21.64   |            |          |
| 5                                                                | 12        | 13        |         | 21.89  | 21.40  | 21.53   |            |          |
| 5                                                                | 25        | 0         |         | 21.82  | 21.56  | 21.50   |            |          |
| Limit                                                            | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                         | 1         | 0         | QPSK    | 23.15  | 22.99  | 22.93   | 25.05      | 0.3199   |
| 20                                                         | 1         | 49        |         | 23.06  | 22.90  | 22.87   |            |          |
| 20                                                         | 1         | 99        |         | 23.10  | 22.94  | 22.81   |            |          |
| 20                                                         | 50        | 0         |         | 22.26  | 22.12  | 21.80   |            |          |
| 20                                                         | 50        | 24        |         | 22.01  | 22.11  | 21.76   |            |          |
| 20                                                         | 50        | 50        |         | 22.04  | 21.88  | 21.88   |            |          |
| 20                                                         | 100       | 0         |         | 22.10  | 22.13  | 21.96   |            |          |
| 20                                                         | 1         | 0         | 16-QAM  | 22.15  | 22.15  | 21.87   | 24.09      | 0.2564   |
| 20                                                         | 1         | 49        |         | 22.19  | 22.03  | 22.08   |            |          |
| 20                                                         | 1         | 99        |         | 22.14  | 22.07  | 22.12   |            |          |
| 20                                                         | 50        | 0         |         | 20.98  | 20.80  | 20.89   |            |          |
| 20                                                         | 50        | 24        |         | 21.31  | 20.93  | 21.17   |            |          |
| 20                                                         | 50        | 50        |         | 21.30  | 20.86  | 20.97   |            |          |
| 20                                                         | 100       | 0         |         | 21.01  | 21.18  | 20.85   |            |          |
| 20                                                         | 1         | 0         | 64-QAM  | 21.07  | 21.11  | 20.90   | 23.01      | 0.2000   |
| 20                                                         | 1         | 49        |         | 20.96  | 20.84  | 21.07   |            |          |
| 20                                                         | 1         | 99        |         | 21.01  | 21.07  | 21.05   |            |          |
| 20                                                         | 50        | 0         |         | 20.01  | 20.09  | 20.06   |            |          |
| 20                                                         | 50        | 24        |         | 20.18  | 20.09  | 19.99   |            |          |
| 20                                                         | 50        | 50        |         | 20.21  | 20.01  | 19.91   |            |          |
| 20                                                         | 100       | 0         |         | 19.95  | 19.88  | 19.79   |            |          |
| 20                                                         | 1         | 0         | 256-QAM | 17.51  | 17.54  | 17.56   | 19.94      | 0.0986   |
| 20                                                         | 1         | 49        |         | 17.67  | 17.67  | 17.58   |            |          |
| 20                                                         | 1         | 99        |         | 17.91  | 18.04  | 17.69   |            |          |
| 20                                                         | 50        | 0         |         | 17.46  | 17.45  | 17.79   |            |          |
| 20                                                         | 50        | 24        |         | 17.70  | 17.75  | 17.41   |            |          |
| 20                                                         | 50        | 50        |         | 17.85  | 17.78  | 17.64   |            |          |
| 20                                                         | 100       | 0         |         | 17.45  | 17.57  | 17.67   |            |          |
| Limit                                                      | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                         | 1         | 0         | QPSK    | 23.12  | 22.91  | 22.88   | 25.02      | 0.3177   |
| 15                                                         | 1         | 37        |         | 23.06  | 22.84  | 22.79   |            |          |
| 15                                                         | 1         | 74        |         | 23.04  | 22.88  | 22.74   |            |          |
| 15                                                         | 36        | 0         |         | 22.16  | 22.09  | 21.71   |            |          |
| 15                                                         | 36        | 20        |         | 21.95  | 22.05  | 21.66   |            |          |
| 15                                                         | 36        | 39        |         | 22.03  | 21.82  | 21.80   |            |          |
| 15                                                         | 75        | 0         |         | 22.01  | 22.09  | 21.95   |            |          |
| 15                                                         | 1         | 0         | 16-QAM  | 22.14  | 22.15  | 21.82   | 24.05      | 0.2541   |
| 15                                                         | 1         | 37        |         | 22.14  | 21.99  | 22.03   |            |          |
| 15                                                         | 1         | 74        |         | 22.13  | 22.01  | 22.05   |            |          |
| 15                                                         | 36        | 0         |         | 20.89  | 20.77  | 20.80   |            |          |
| 15                                                         | 36        | 20        |         | 21.23  | 20.89  | 21.15   |            |          |
| 15                                                         | 36        | 39        |         | 21.22  | 20.83  | 20.93   |            |          |
| 15                                                         | 75        | 0         |         | 20.92  | 21.12  | 20.77   |            |          |
| 15                                                         | 1         | 0         | 64-QAM  | 21.03  | 21.10  | 20.89   | 23.00      | 0.1995   |
| 15                                                         | 1         | 37        |         | 20.88  | 20.83  | 21.07   |            |          |
| 15                                                         | 1         | 74        |         | 20.99  | 21.02  | 20.95   |            |          |
| 15                                                         | 36        | 0         |         | 19.99  | 20.01  | 20.03   |            |          |
| 15                                                         | 36        | 20        |         | 20.09  | 20.03  | 19.92   |            |          |
| 15                                                         | 36        | 39        |         | 20.15  | 19.96  | 19.89   |            |          |
| 15                                                         | 75        | 0         |         | 19.92  | 19.84  | 19.72   |            |          |
| 15                                                         | 1         | 0         | 256-QAM | 17.57  | 17.48  | 17.51   | 19.87      | 0.0971   |
| 15                                                         | 1         | 37        |         | 17.80  | 17.87  | 17.47   |            |          |
| 15                                                         | 1         | 74        |         | 17.97  | 17.87  | 17.63   |            |          |
| 15                                                         | 36        | 0         |         | 17.52  | 17.46  | 17.77   |            |          |
| 15                                                         | 36        | 20        |         | 17.70  | 17.76  | 17.55   |            |          |
| 15                                                         | 36        | 39        |         | 17.87  | 17.83  | 17.62   |            |          |
| 15                                                         | 75        | 0         |         | 17.40  | 17.52  | 17.76   |            |          |
| Limit                                                      | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                         | 1         | 0         | QPSK    | 23.07  | 22.90  | 22.87   | 25.00      | 0.3162   |
| 10                                                         | 1         | 25        |         | 22.96  | 22.90  | 22.86   |            |          |
| 10                                                         | 1         | 49        |         | 23.10  | 22.93  | 22.71   |            |          |
| 10                                                         | 25        | 0         |         | 22.20  | 22.04  | 21.71   |            |          |
| 10                                                         | 25        | 12        |         | 21.93  | 22.09  | 21.67   |            |          |
| 10                                                         | 25        | 25        |         | 21.99  | 21.82  | 21.78   |            |          |
| 10                                                         | 50        | 0         |         | 22.03  | 22.07  | 21.96   |            |          |
| 10                                                         | 1         | 0         | 16-QAM  | 22.11  | 22.14  | 21.86   | 24.04      | 0.2535   |
| 10                                                         | 1         | 25        |         | 22.13  | 21.99  | 22.02   |            |          |
| 10                                                         | 1         | 49        |         | 22.12  | 22.02  | 22.06   |            |          |
| 10                                                         | 25        | 0         |         | 20.98  | 20.79  | 20.79   |            |          |
| 10                                                         | 25        | 12        |         | 21.25  | 20.88  | 21.09   |            |          |
| 10                                                         | 25        | 25        |         | 21.28  | 20.86  | 20.92   |            |          |
| 10                                                         | 50        | 0         |         | 20.97  | 21.17  | 20.76   |            |          |
| 10                                                         | 1         | 0         | 64-QAM  | 20.98  | 21.02  | 20.89   | 22.93      | 0.1963   |
| 10                                                         | 1         | 25        |         | 20.86  | 20.84  | 21.01   |            |          |
| 10                                                         | 1         | 49        |         | 20.94  | 21.03  | 21.02   |            |          |
| 10                                                         | 25        | 0         |         | 20.00  | 19.99  | 20.01   |            |          |
| 10                                                         | 25        | 12        |         | 20.15  | 20.02  | 19.95   |            |          |
| 10                                                         | 25        | 25        |         | 20.16  | 20.01  | 19.85   |            |          |
| 10                                                         | 50        | 0         |         | 19.92  | 19.79  | 19.70   |            |          |
| 10                                                         | 1         | 0         | 256-QAM | 17.42  | 17.57  | 17.50   | 19.92      | 0.0982   |
| 10                                                         | 1         | 25        |         | 17.82  | 17.72  | 17.43   |            |          |
| 10                                                         | 1         | 49        |         | 17.99  | 17.97  | 17.57   |            |          |
| 10                                                         | 25        | 0         |         | 17.47  | 17.44  | 17.80   |            |          |
| 10                                                         | 25        | 12        |         | 17.57  | 17.59  | 17.58   |            |          |
| 10                                                         | 25        | 25        |         | 18.02  | 17.97  | 17.50   |            |          |
| 10                                                         | 50        | 0         |         | 17.51  | 17.61  | 17.72   |            |          |
| Limit                                                      | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                          | 1         | 0         | QPSK    | 23.06  | 22.89  | 22.93   | 24.96      | 0.3133   |
| 5                                                          | 1         | 12        |         | 23.05  | 22.90  | 22.87   |            |          |
| 5                                                          | 1         | 24        |         | 23.02  | 22.93  | 22.71   |            |          |
| 5                                                          | 12        | 0         |         | 22.22  | 22.12  | 21.70   |            |          |
| 5                                                          | 12        | 7         |         | 21.93  | 22.01  | 21.66   |            |          |
| 5                                                          | 12        | 13        |         | 21.95  | 21.82  | 21.79   |            |          |
| 5                                                          | 25        | 0         |         | 22.07  | 22.11  | 21.92   |            |          |
| 5                                                          | 1         | 0         | 16-QAM  | 22.05  | 22.15  | 21.87   | 24.07      | 0.2553   |
| 5                                                          | 1         | 12        |         | 22.17  | 21.93  | 21.99   |            |          |
| 5                                                          | 1         | 24        |         | 22.11  | 22.07  | 22.05   |            |          |
| 5                                                          | 12        | 0         |         | 20.90  | 20.85  | 20.82   |            |          |
| 5                                                          | 12        | 7         |         | 21.28  | 20.89  | 21.17   |            |          |
| 5                                                          | 12        | 13        |         | 21.21  | 20.80  | 20.92   |            |          |
| 5                                                          | 25        | 0         |         | 20.98  | 21.09  | 20.82   |            |          |
| 5                                                          | 1         | 0         | 64-QAM  | 21.01  | 21.11  | 20.89   | 23.01      | 0.2000   |
| 5                                                          | 1         | 12        |         | 20.94  | 20.82  | 21.06   |            |          |
| 5                                                          | 1         | 24        |         | 20.95  | 20.97  | 21.04   |            |          |
| 5                                                          | 12        | 0         |         | 19.97  | 20.05  | 20.03   |            |          |
| 5                                                          | 12        | 7         |         | 20.12  | 20.00  | 19.91   |            |          |
| 5                                                          | 12        | 13        |         | 20.20  | 19.95  | 19.83   |            |          |
| 5                                                          | 25        | 0         |         | 19.90  | 19.88  | 19.75   |            |          |
| 5                                                          | 1         | 0         | 256-QAM | 17.60  | 17.61  | 17.48   | 19.93      | 0.0984   |
| 5                                                          | 1         | 12        |         | 17.65  | 17.71  | 17.51   |            |          |
| 5                                                          | 1         | 24        |         | 17.91  | 17.94  | 17.66   |            |          |
| 5                                                          | 12        | 0         |         | 17.44  | 17.41  | 17.64   |            |          |
| 5                                                          | 12        | 7         |         | 17.61  | 17.70  | 17.51   |            |          |
| 5                                                          | 12        | 13        |         | 18.03  | 17.90  | 17.65   |            |          |
| 5                                                          | 25        | 0         |         | 17.51  | 17.47  | 17.67   |            |          |
| Limit                                                      | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                          | 1         | 0         | QPSK    | 23.06  | 22.89  | 22.91   | 24.99      | 0.3155   |
| 3                                                          | 1         | 8         |         | 23.02  | 22.89  | 22.82   |            |          |
| 3                                                          | 1         | 14        |         | 23.09  | 22.88  | 22.77   |            |          |
| 3                                                          | 8         | 0         |         | 22.25  | 22.06  | 21.73   |            |          |
| 3                                                          | 8         | 4         |         | 22.00  | 22.08  | 21.76   |            |          |
| 3                                                          | 8         | 7         |         | 21.95  | 21.81  | 21.83   |            |          |
| 3                                                          | 15        | 0         |         | 22.02  | 22.08  | 21.90   |            |          |
| 3                                                          | 1         | 0         | 16-QAM  | 22.09  | 22.12  | 21.86   | 24.04      | 0.2535   |
| 3                                                          | 1         | 8         |         | 22.14  | 21.95  | 22.06   |            |          |
| 3                                                          | 1         | 14        |         | 22.11  | 22.01  | 22.04   |            |          |
| 3                                                          | 8         | 0         |         | 20.96  | 20.80  | 20.83   |            |          |
| 3                                                          | 8         | 4         |         | 21.25  | 20.84  | 21.09   |            |          |
| 3                                                          | 8         | 7         |         | 21.29  | 20.84  | 20.96   |            |          |
| 3                                                          | 15        | 0         |         | 21.00  | 21.11  | 20.75   |            |          |
| 3                                                          | 1         | 0         | 64-QAM  | 20.99  | 21.08  | 20.88   | 22.98      | 0.1986   |
| 3                                                          | 1         | 8         |         | 20.86  | 20.82  | 21.03   |            |          |
| 3                                                          | 1         | 14        |         | 20.99  | 20.98  | 21.05   |            |          |
| 3                                                          | 8         | 0         |         | 20.01  | 20.03  | 20.04   |            |          |
| 3                                                          | 8         | 4         |         | 20.13  | 20.05  | 19.89   |            |          |
| 3                                                          | 8         | 7         |         | 20.12  | 19.92  | 19.85   |            |          |
| 3                                                          | 15        | 0         |         | 19.90  | 19.86  | 19.76   |            |          |
| 3                                                          | 1         | 0         | 256-QAM | 17.52  | 17.49  | 17.49   | 19.91      | 0.0979   |
| 3                                                          | 1         | 8         |         | 17.69  | 17.69  | 17.50   |            |          |
| 3                                                          | 1         | 14        |         | 18.01  | 17.88  | 17.72   |            |          |
| 3                                                          | 8         | 0         |         | 17.57  | 17.51  | 17.60   |            |          |
| 3                                                          | 8         | 4         |         | 17.65  | 17.64  | 17.52   |            |          |
| 3                                                          | 8         | 7         |         | 17.86  | 17.78  | 17.58   |            |          |
| 3                                                          | 15        | 0         |         | 17.51  | 17.50  | 17.75   |            |          |
| Limit                                                      | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                        | 1         | 0         | QPSK    | 22.73  | 22.89  | 22.87   | 24.91      | 0.3097   |
| 1.4                                                        | 1         | 3         |         | 22.78  | 22.83  | 22.87   |            |          |
| 1.4                                                        | 1         | 5         |         | 22.83  | 23.01  | 22.74   |            |          |
| 1.4                                                        | 3         | 0         |         | 22.79  | 22.99  | 22.88   |            |          |
| 1.4                                                        | 3         | 1         |         | 22.79  | 22.93  | 22.93   |            |          |
| 1.4                                                        | 3         | 3         |         | 22.77  | 22.86  | 22.87   |            |          |
| 1.4                                                        | 6         | 0         |         | 21.98  | 22.10  | 22.13   |            |          |
| 1.4                                                        | 1         | 0         | 16-QAM  | 21.87  | 21.92  | 21.79   | 24.11      | 0.2576   |
| 1.4                                                        | 1         | 3         |         | 21.81  | 21.88  | 21.87   |            |          |
| 1.4                                                        | 1         | 5         |         | 21.79  | 21.95  | 21.82   |            |          |
| 1.4                                                        | 3         | 0         |         | 22.03  | 21.96  | 22.09   |            |          |
| 1.4                                                        | 3         | 1         |         | 21.95  | 22.21  | 21.83   |            |          |
| 1.4                                                        | 3         | 3         |         | 21.97  | 21.98  | 22.12   |            |          |
| 1.4                                                        | 6         | 0         |         | 20.84  | 20.81  | 21.10   |            |          |
| 1.4                                                        | 1         | 0         | 64-QAM  | 20.75  | 21.02  | 21.00   | 23.15      | 0.2065   |
| 1.4                                                        | 1         | 3         |         | 20.73  | 20.77  | 21.06   |            |          |
| 1.4                                                        | 1         | 5         |         | 20.72  | 21.02  | 20.74   |            |          |
| 1.4                                                        | 3         | 0         |         | 20.72  | 20.80  | 21.12   |            |          |
| 1.4                                                        | 3         | 1         |         | 20.88  | 21.20  | 21.04   |            |          |
| 1.4                                                        | 3         | 3         |         | 20.64  | 21.25  | 20.75   |            |          |
| 1.4                                                        | 6         | 0         |         | 19.86  | 20.13  | 20.12   |            |          |
| 1.4                                                        | 1         | 0         | 256-QAM | 17.59  | 17.50  | 17.56   | 19.95      | 0.0989   |
| 1.4                                                        | 1         | 3         |         | 17.76  | 17.77  | 17.51   |            |          |
| 1.4                                                        | 1         | 5         |         | 18.00  | 18.05  | 17.74   |            |          |
| 1.4                                                        | 3         | 0         |         | 17.50  | 17.49  | 17.79   |            |          |
| 1.4                                                        | 3         | 1         |         | 17.64  | 17.59  | 17.54   |            |          |
| 1.4                                                        | 3         | 3         |         | 17.89  | 17.81  | 17.50   |            |          |
| 1.4                                                        | 6         | 0         |         | 17.47  | 17.61  | 17.64   |            |          |
| Limit                                                      | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.66 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 20                                                           | 1        | 0         | QPSK    | 23.18  | 23.12  | 23.29   | 19.48     | 0.0887  |
| 20                                                           | 1        | 49        |         | 23.08  | 23.08  | 23.18   |           |         |
| 20                                                           | 1        | 99        |         | 23.01  | 23.06  | 23.19   |           |         |
| 20                                                           | 50       | 0         |         | 22.15  | 22.31  | 22.48   |           |         |
| 20                                                           | 50       | 24        |         | 22.04  | 22.31  | 22.25   |           |         |
| 20                                                           | 50       | 50        |         | 22.07  | 22.14  | 22.11   |           |         |
| 20                                                           | 100      | 0         |         | 22.18  | 22.04  | 22.34   |           |         |
| 20                                                           | 1        | 0         | 16-QAM  | 22.12  | 22.16  | 22.21   | 18.51     | 0.0710  |
| 20                                                           | 1        | 49        |         | 22.25  | 22.13  | 22.22   |           |         |
| 20                                                           | 1        | 99        |         | 22.32  | 22.12  | 22.20   |           |         |
| 20                                                           | 50       | 0         |         | 21.12  | 21.03  | 21.28   |           |         |
| 20                                                           | 50       | 24        |         | 21.23  | 21.17  | 21.32   |           |         |
| 20                                                           | 50       | 50        |         | 21.10  | 21.25  | 21.27   |           |         |
| 20                                                           | 100      | 0         |         | 21.01  | 21.15  | 21.20   |           |         |
| 20                                                           | 1        | 0         | 64-QAM  | 21.12  | 21.29  | 21.16   | 17.58     | 0.0573  |
| 20                                                           | 1        | 49        |         | 21.39  | 21.07  | 21.32   |           |         |
| 20                                                           | 1        | 99        |         | 21.10  | 21.17  | 21.16   |           |         |
| 20                                                           | 50       | 0         |         | 20.29  | 20.11  | 20.18   |           |         |
| 20                                                           | 50       | 24        |         | 20.17  | 20.15  | 20.37   |           |         |
| 20                                                           | 50       | 50        |         | 20.40  | 20.13  | 20.10   |           |         |
| 20                                                           | 100      | 0         |         | 20.28  | 20.08  | 20.29   |           |         |
| 20                                                           | 1        | 0         | 256-QAM | 18.20  | 18.30  | 18.22   | 14.49     | 0.0281  |
| 20                                                           | 1        | 49        |         | 17.91  | 17.88  | 17.81   |           |         |
| 20                                                           | 1        | 99        |         | 18.23  | 18.13  | 17.74   |           |         |
| 20                                                           | 50       | 0         |         | 17.78  | 17.68  | 17.87   |           |         |
| 20                                                           | 50       | 24        |         | 17.87  | 17.84  | 17.78   |           |         |
| 20                                                           | 50       | 50        |         | 18.17  | 18.09  | 17.78   |           |         |
| 20                                                           | 100      | 0         |         | 17.61  | 17.84  | 17.97   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.66 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15                                                           | 1        | 0         | QPSK    | 23.16  | 23.05  | 23.22   | 19.41     | 0.0873  |
| 15                                                           | 1        | 37        |         | 22.98  | 23.04  | 23.13   |           |         |
| 15                                                           | 1        | 74        |         | 23.01  | 23.03  | 23.17   |           |         |
| 15                                                           | 36       | 0         |         | 22.14  | 22.21  | 22.47   |           |         |
| 15                                                           | 36       | 20        |         | 22.02  | 22.25  | 22.24   |           |         |
| 15                                                           | 36       | 39        |         | 21.98  | 22.10  | 22.05   |           |         |
| 15                                                           | 75       | 0         |         | 22.12  | 22.02  | 22.27   |           |         |
| 15                                                           | 1        | 0         | 16-QAM  | 22.11  | 22.12  | 22.15   | 18.49     | 0.0706  |
| 15                                                           | 1        | 37        |         | 22.18  | 22.12  | 22.20   |           |         |
| 15                                                           | 1        | 74        |         | 22.30  | 22.05  | 22.13   |           |         |
| 15                                                           | 36       | 0         |         | 21.11  | 21.03  | 21.28   |           |         |
| 15                                                           | 36       | 20        |         | 21.23  | 21.15  | 21.29   |           |         |
| 15                                                           | 36       | 39        |         | 21.10  | 21.17  | 21.27   |           |         |
| 15                                                           | 75       | 0         |         | 20.98  | 21.10  | 21.13   |           |         |
| 15                                                           | 1        | 0         | 64-QAM  | 21.03  | 21.29  | 21.07   | 17.5      | 0.0562  |
| 15                                                           | 1        | 37        |         | 21.31  | 20.99  | 21.26   |           |         |
| 15                                                           | 1        | 74        |         | 21.03  | 21.09  | 21.11   |           |         |
| 15                                                           | 36       | 0         |         | 20.25  | 20.06  | 20.16   |           |         |
| 15                                                           | 36       | 20        |         | 20.16  | 20.07  | 20.35   |           |         |
| 15                                                           | 36       | 39        |         | 20.38  | 20.09  | 20.06   |           |         |
| 15                                                           | 75       | 0         |         | 20.23  | 20.06  | 20.20   |           |         |
| 15                                                           | 1        | 0         | 256-QAM | 18.10  | 18.20  | 18.25   | 14.44     | 0.0278  |
| 15                                                           | 1        | 37        |         | 17.94  | 18.02  | 17.74   |           |         |
| 15                                                           | 1        | 74        |         | 18.05  | 18.16  | 17.87   |           |         |
| 15                                                           | 36       | 0         |         | 17.72  | 17.66  | 17.87   |           |         |
| 15                                                           | 36       | 20        |         | 17.79  | 17.96  | 17.66   |           |         |
| 15                                                           | 36       | 39        |         | 18.22  | 18.17  | 17.81   |           |         |
| 15                                                           | 75       | 0         |         | 17.77  | 17.66  | 17.84   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.66 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK    | 23.13  | 23.10  | 23.26   | 19.45     | 0.0881  |
| 10                                                           | 1        | 25        |         | 23.01  | 23.01  | 23.12   |           |         |
| 10                                                           | 1        | 49        |         | 22.92  | 23.02  | 23.14   |           |         |
| 10                                                           | 25       | 0         |         | 22.12  | 22.26  | 22.40   |           |         |
| 10                                                           | 25       | 12        |         | 21.96  | 22.24  | 22.18   |           |         |
| 10                                                           | 25       | 25        |         | 22.03  | 22.08  | 22.10   |           |         |
| 10                                                           | 50       | 0         |         | 22.11  | 21.98  | 22.24   |           |         |
| 10                                                           | 1        | 0         | 16-QAM  | 22.07  | 22.14  | 22.16   | 18.51     | 0.0710  |
| 10                                                           | 1        | 25        |         | 22.20  | 22.04  | 22.18   |           |         |
| 10                                                           | 1        | 49        |         | 22.32  | 22.02  | 22.14   |           |         |
| 10                                                           | 25       | 0         |         | 21.05  | 21.00  | 21.20   |           |         |
| 10                                                           | 25       | 12        |         | 21.13  | 21.16  | 21.29   |           |         |
| 10                                                           | 25       | 25        |         | 21.00  | 21.17  | 21.26   |           |         |
| 10                                                           | 50       | 0         |         | 20.94  | 21.05  | 21.11   |           |         |
| 10                                                           | 1        | 0         | 64-QAM  | 21.04  | 21.21  | 21.15   | 17.5      | 0.0562  |
| 10                                                           | 1        | 25        |         | 21.31  | 21.03  | 21.30   |           |         |
| 10                                                           | 1        | 49        |         | 21.04  | 21.11  | 21.09   |           |         |
| 10                                                           | 25       | 0         |         | 20.21  | 20.07  | 20.09   |           |         |
| 10                                                           | 25       | 12        |         | 20.08  | 20.05  | 20.27   |           |         |
| 10                                                           | 25       | 25        |         | 20.38  | 20.03  | 20.01   |           |         |
| 10                                                           | 50       | 0         |         | 20.27  | 19.98  | 20.23   |           |         |
| 10                                                           | 1        | 0         | 256-QAM | 17.66  | 17.70  | 17.73   | 14.38     | 0.0274  |
| 10                                                           | 1        | 25        |         | 17.88  | 17.95  | 17.73   |           |         |
| 10                                                           | 1        | 49        |         | 18.19  | 18.10  | 17.82   |           |         |
| 10                                                           | 25       | 0         |         | 17.60  | 17.80  | 17.80   |           |         |
| 10                                                           | 25       | 12        |         | 17.94  | 17.79  | 17.71   |           |         |
| 10                                                           | 25       | 25        |         | 18.06  | 18.17  | 17.74   |           |         |
| 10                                                           | 50       | 0         |         | 17.69  | 17.75  | 17.94   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.66 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK    | 23.14  | 23.12  | 23.29   | 19.48     | 0.0887  |
| 5                                                            | 1        | 12        |         | 23.00  | 23.04  | 23.13   |           |         |
| 5                                                            | 1        | 24        |         | 22.93  | 22.98  | 23.15   |           |         |
| 5                                                            | 12       | 0         |         | 22.11  | 22.31  | 22.40   |           |         |
| 5                                                            | 12       | 7         |         | 21.99  | 22.27  | 22.18   |           |         |
| 5                                                            | 12       | 13        |         | 22.04  | 22.12  | 22.10   |           |         |
| 5                                                            | 25       | 0         |         | 22.11  | 21.98  | 22.24   |           |         |
| 5                                                            | 1        | 0         | 16-QAM  | 22.06  | 22.09  | 22.19   | 18.43     | 0.0697  |
| 5                                                            | 1        | 12        |         | 22.22  | 22.07  | 22.22   |           |         |
| 5                                                            | 1        | 24        |         | 22.24  | 22.03  | 22.20   |           |         |
| 5                                                            | 12       | 0         |         | 21.12  | 21.01  | 21.27   |           |         |
| 5                                                            | 12       | 7         |         | 21.14  | 21.09  | 21.26   |           |         |
| 5                                                            | 12       | 13        |         | 21.01  | 21.15  | 21.21   |           |         |
| 5                                                            | 25       | 0         |         | 20.98  | 21.05  | 21.10   |           |         |
| 5                                                            | 1        | 0         | 64-QAM  | 21.10  | 21.20  | 21.14   | 17.56     | 0.0570  |
| 5                                                            | 1        | 12        |         | 21.37  | 21.05  | 21.32   |           |         |
| 5                                                            | 1        | 24        |         | 21.05  | 21.07  | 21.13   |           |         |
| 5                                                            | 12       | 0         |         | 20.25  | 20.09  | 20.10   |           |         |
| 5                                                            | 12       | 7         |         | 20.13  | 20.14  | 20.31   |           |         |
| 5                                                            | 12       | 13        |         | 20.40  | 20.12  | 20.06   |           |         |
| 5                                                            | 25       | 0         |         | 20.19  | 20.03  | 20.27   |           |         |
| 5                                                            | 1        | 0         | 256-QAM | 17.78  | 17.72  | 17.67   | 14.42     | 0.0277  |
| 5                                                            | 1        | 12        |         | 17.95  | 17.99  | 17.81   |           |         |
| 5                                                            | 1        | 24        |         | 18.23  | 18.20  | 17.74   |           |         |
| 5                                                            | 12       | 0         |         | 17.62  | 17.67  | 17.88   |           |         |
| 5                                                            | 12       | 7         |         | 17.82  | 17.94  | 17.61   |           |         |
| 5                                                            | 12       | 13        |         | 18.16  | 18.07  | 17.81   |           |         |
| 5                                                            | 25       | 0         |         | 17.76  | 17.77  | 17.83   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = 0.04 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    | 23.66  | 22.61  | 22.68   | 21.55     | 0.1429  |
| 10+10                                                          | 1        | 0         | 1       | 49        |         | 15.63  | 15.63  | 15.63   |           |         |
| 10+10                                                          | 1        | 49        | 1       | 0         |         | 23.04  | 23.03  | 22.93   |           |         |
| 10+10                                                          | 50       | 0         | 50      | 0         | 16-QAM  | 21.31  | 21.35  | 21.23   | 21.47     | 0.1403  |
| 10+10                                                          | 1        | 0         | 1       | 49        |         | 15.29  | 15.05  | 15.22   |           |         |
| 10+10                                                          | 1        | 49        | 1       | 0         |         | 22.66  | 23.53  | 23.58   |           |         |
| 10+10                                                          | 50       | 0         | 50      | 0         | 64-QAM  | 21.42  | 21.43  | 21.25   | 20.26     | 0.1062  |
| 10+10                                                          | 1        | 0         | 1       | 49        |         | 15.07  | 14.86  | 15.13   |           |         |
| 10+10                                                          | 1        | 49        | 1       | 0         |         | 21.58  | 21.83  | 22.37   |           |         |
| 10+10                                                          | 50       | 0         | 50      | 0         | 256-QAM | 19.13  | 19.14  | 19.11   | 17.27     | 0.0533  |
| 10+10                                                          | 1        | 0         | 1       | 49        |         | 11.17  | 11.21  | 11.26   |           |         |
| 10+10                                                          | 1        | 49        | 1       | 0         |         | 19.32  | 19.38  | 19.33   |           |         |
| 10+5                                                           | 50       | 0         | 25      | 0         | QPSK    | 22.12  | 22.02  | 22.06   | 21.51     | 0.1416  |
| 10+5                                                           | 1        | 0         | 1       | 24        |         | 11.82  | 11.77  | 11.87   |           |         |
| 10+5                                                           | 1        | 49        | 1       | 0         |         | 23.62  | 23.61  | 23.61   |           |         |
| 10+5                                                           | 50       | 0         | 25      | 0         | 16-QAM  | 21.11  | 21.02  | 21.02   | 21.39     | 0.1377  |
| 10+5                                                           | 1        | 0         | 1       | 24        |         | 12.24  | 12.30  | 12.31   |           |         |
| 10+5                                                           | 1        | 49        | 1       | 0         |         | 23.47  | 23.50  | 23.49   |           |         |
| 10+5                                                           | 50       | 0         | 25      | 0         | 64-QAM  | 21.09  | 21.14  | 21.09   | 19.30     | 0.0851  |
| 10+5                                                           | 1        | 0         | 1       | 24        |         | 12.11  | 12.14  | 12.21   |           |         |
| 10+5                                                           | 1        | 49        | 1       | 0         |         | 21.35  | 21.41  | 21.26   |           |         |
| 10+5                                                           | 50       | 0         | 25      | 0         | 256-QAM | 18.58  | 18.64  | 18.71   | 16.77     | 0.0475  |
| 10+5                                                           | 1        | 0         | 1       | 24        |         | 10.73  | 10.61  | 10.76   |           |         |
| 10+5                                                           | 1        | 49        | 1       | 0         |         | 18.76  | 18.85  | 18.88   |           |         |
| 5+10                                                           | 25       | 0         | 50      | 0         | QPSK    | 22.12  | 22.01  | 22.05   | 21.50     | 0.1413  |
| 5+10                                                           | 1        | 0         | 1       | 49        |         | 11.72  | 11.76  | 11.79   |           |         |
| 5+10                                                           | 1        | 24        | 1       | 0         |         | 23.61  | 23.61  | 23.61   |           |         |
| 5+10                                                           | 25       | 0         | 50      | 0         | 16-QAM  | 21.07  | 20.93  | 21.02   | 21.39     | 0.1377  |
| 5+10                                                           | 1        | 0         | 1       | 49        |         | 12.19  | 12.21  | 12.26   |           |         |
| 5+10                                                           | 1        | 24        | 1       | 0         |         | 23.40  | 23.50  | 23.42   |           |         |
| 5+10                                                           | 25       | 0         | 50      | 0         | 64-QAM  | 21.04  | 21.05  | 21.08   | 19.28     | 0.0847  |
| 5+10                                                           | 1        | 0         | 1       | 49        |         | 12.03  | 12.05  | 12.13   |           |         |
| 5+10                                                           | 1        | 24        | 1       | 0         |         | 21.32  | 21.39  | 21.18   |           |         |
| 5+10                                                           | 25       | 0         | 50      | 0         | 256-QAM | 18.66  | 18.65  | 18.76   | 16.81     | 0.0480  |
| 5+10                                                           | 1        | 0         | 1       | 49        |         | 10.57  | 10.62  | 10.71   |           |         |
| 5+10                                                           | 1        | 24        | 1       | 0         |         | 18.84  | 18.79  | 18.92   |           |         |
| Limit                                                          | ERP < 7W |           |         |           |         | Result |        |         | Pass      |         |



| LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.9 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    | 22.71  | 22.64  | 22.68   | 24.68      | 0.2938   |
| 10+10                                                          | 1         | 0         | 1       | 49        |         | 14.00  | 13.93  | 14.23   |            |          |
| 10+10                                                          | 1         | 49        | 1       | 0         |         | 22.78  | 22.45  | 22.71   |            |          |
| 10+10                                                          | 50        | 0         | 50      | 0         | 16-QAM  | 21.47  | 21.42  | 21.46   | 25.20      | 0.3311   |
| 10+10                                                          | 1         | 0         | 1       | 49        |         | 14.25  | 13.99  | 14.17   |            |          |
| 10+10                                                          | 1         | 49        | 1       | 0         |         | 23.30  | 23.20  | 23.10   |            |          |
| 10+10                                                          | 50        | 0         | 50      | 0         | 64-QAM  | 21.43  | 21.40  | 21.43   | 24.24      | 0.2655   |
| 10+10                                                          | 1         | 0         | 1       | 49        |         | 13.95  | 14.00  | 14.02   |            |          |
| 10+10                                                          | 1         | 49        | 1       | 0         |         | 22.05  | 22.34  | 22.02   |            |          |
| 10+10                                                          | 50        | 0         | 50      | 0         | 256-QAM | 19.46  | 19.48  | 19.42   | 21.46      | 0.1400   |
| 10+10                                                          | 1         | 0         | 1       | 49        |         | 14.25  | 14.32  | 14.21   |            |          |
| 10+10                                                          | 1         | 49        | 1       | 0         |         | 19.53  | 19.56  | 19.48   |            |          |
| 15+5                                                           | 75        | 0         | 25      | 0         | QPSK    | 21.29  | 21.18  | 21.27   | 25.15      | 0.3273   |
| 15+5                                                           | 1         | 0         | 1       | 24        |         | 12.69  | 12.72  | 12.83   |            |          |
| 15+5                                                           | 1         | 74        | 1       | 0         |         | 23.25  | 23.23  | 22.29   |            |          |
| 15+5                                                           | 75        | 0         | 25      | 0         | 16-QAM  | 20.37  | 20.33  | 20.08   | 24.69      | 0.2944   |
| 15+5                                                           | 1         | 0         | 1       | 24        |         | 13.44  | 13.28  | 13.04   |            |          |
| 15+5                                                           | 1         | 74        | 1       | 0         |         | 22.79  | 22.55  | 21.94   |            |          |
| 15+5                                                           | 75        | 0         | 25      | 0         | 64-QAM  | 20.35  | 20.25  | 20.31   | 23.34      | 0.2158   |
| 15+5                                                           | 1         | 0         | 1       | 24        |         | 13.15  | 13.09  | 12.94   |            |          |
| 15+5                                                           | 1         | 74        | 1       | 0         |         | 21.44  | 21.40  | 19.19   |            |          |
| 15+5                                                           | 75        | 0         | 25      | 0         | 256-QAM | 18.54  | 18.58  | 18.52   | 20.56      | 0.1138   |
| 15+5                                                           | 1         | 0         | 1       | 24        |         | 13.31  | 13.43  | 13.31   |            |          |
| 15+5                                                           | 1         | 74        | 1       | 0         |         | 18.66  | 18.63  | 18.66   |            |          |
| 5+15                                                           | 25        | 0         | 75      | 0         | QPSK    | 21.34  | 21.29  | 21.23   | 25.19      | 0.3304   |
| 5+15                                                           | 1         | 0         | 1       | 74        |         | 12.92  | 12.77  | 12.72   |            |          |
| 5+15                                                           | 1         | 24        | 1       | 0         |         | 23.29  | 23.17  | 22.79   |            |          |
| 5+15                                                           | 25        | 0         | 75      | 0         | 16-QAM  | 20.42  | 20.34  | 20.29   | 24.51      | 0.2825   |
| 5+15                                                           | 1         | 0         | 1       | 74        |         | 13.35  | 13.48  | 13.29   |            |          |
| 5+15                                                           | 1         | 24        | 1       | 0         |         | 22.50  | 22.61  | 22.46   |            |          |
| 5+15                                                           | 25        | 0         | 75      | 0         | 64-QAM  | 20.38  | 20.32  | 20.25   | 23.45      | 0.2213   |
| 5+15                                                           | 1         | 0         | 1       | 74        |         | 13.08  | 13.17  | 13.06   |            |          |
| 5+15                                                           | 1         | 24        | 1       | 0         |         | 21.46  | 21.55  | 19.67   |            |          |
| 5+15                                                           | 25        | 0         | 75      | 0         | 256-QAM | 18.48  | 18.54  | 18.55   | 20.61      | 0.1151   |
| 5+15                                                           | 1         | 0         | 1       | 74        |         | 13.29  | 13.39  | 13.36   |            |          |
| 5+15                                                           | 1         | 24        | 1       | 0         |         | 18.61  | 18.71  | 18.64   |            |          |
| Limit                                                          | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG1D1645-01B

| LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.9 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    | 21.30  | 21.21  | 21.34   | 25.11      | 0.3243   |
| 10+5                                                           | 1         | 0         | 1       | 24        |         | 13.32  | 13.08  | 13.17   |            |          |
| 10+5                                                           | 1         | 49        | 1       | 0         |         | 23.13  | 23.09  | 23.21   |            |          |
| 10+5                                                           | 50        | 0         | 25      | 0         | 16-QAM  | 20.30  | 20.33  | 20.34   | 24.60      | 0.2884   |
| 10+5                                                           | 1         | 0         | 1       | 24        |         | 13.88  | 13.67  | 13.79   |            |          |
| 10+5                                                           | 1         | 49        | 1       | 0         |         | 22.60  | 22.51  | 22.70   |            |          |
| 10+5                                                           | 50        | 0         | 25      | 0         | 64-QAM  | 20.31  | 20.10  | 20.26   | 23.45      | 0.2213   |
| 10+5                                                           | 1         | 0         | 1       | 24        |         | 13.68  | 13.44  | 13.55   |            |          |
| 10+5                                                           | 1         | 49        | 1       | 0         |         | 21.55  | 21.38  | 20.67   |            |          |
| 10+5                                                           | 50        | 0         | 25      | 0         | 256-QAM | 18.58  | 18.55  | 18.54   | 20.62      | 0.1153   |
| 10+5                                                           | 1         | 0         | 1       | 24        |         | 13.33  | 13.32  | 13.37   |            |          |
| 10+5                                                           | 1         | 49        | 1       | 0         |         | 18.72  | 18.68  | 18.69   |            |          |
| 5+10                                                           | 25        | 0         | 50      | 0         | QPSK    | 21.36  | 21.26  | 21.32   | 25.18      | 0.3296   |
| 5+10                                                           | 1         | 0         | 1       | 49        |         | 13.24  | 13.28  | 13.27   |            |          |
| 5+10                                                           | 1         | 24        | 1       | 0         |         | 23.22  | 23.28  | 23.20   |            |          |
| 5+10                                                           | 25        | 0         | 50      | 0         | 16-QAM  | 20.24  | 20.25  | 20.27   | 24.64      | 0.2911   |
| 5+10                                                           | 1         | 0         | 1       | 49        |         | 13.61  | 13.94  | 13.75   |            |          |
| 5+10                                                           | 1         | 24        | 1       | 0         |         | 22.72  | 22.74  | 22.63   |            |          |
| 5+10                                                           | 25        | 0         | 50      | 0         | 64-QAM  | 20.23  | 20.23  | 20.10   | 23.46      | 0.2218   |
| 5+10                                                           | 1         | 0         | 1       | 49        |         | 13.42  | 13.68  | 13.58   |            |          |
| 5+10                                                           | 1         | 24        | 1       | 0         |         | 21.16  | 21.56  | 20.26   |            |          |
| 5+10                                                           | 25        | 0         | 50      | 0         | 256-QAM | 18.51  | 18.54  | 18.53   | 20.63      | 0.1156   |
| 5+10                                                           | 1         | 0         | 1       | 49        |         | 13.26  | 13.25  | 13.36   |            |          |
| 5+10                                                           | 1         | 24        | 1       | 0         |         | 18.73  | 18.68  | 18.71   |            |          |
| 5+5                                                            | 25        | 0         | 25      | 0         | QPSK    | 21.36  | 21.25  | 21.23   | 25.11      | 0.3243   |
| 5+5                                                            | 1         | 0         | 1       | 24        |         | 13.28  | 13.20  | 13.19   |            |          |
| 5+5                                                            | 1         | 24        | 1       | 0         |         | 23.21  | 23.09  | 23.17   |            |          |
| 5+5                                                            | 25        | 0         | 25      | 0         | 16-QAM  | 20.49  | 20.47  | 20.18   | 24.60      | 0.2884   |
| 5+5                                                            | 1         | 0         | 1       | 24        |         | 13.82  | 13.63  | 13.82   |            |          |
| 5+5                                                            | 1         | 24        | 1       | 0         |         | 22.66  | 22.70  | 22.62   |            |          |
| 5+5                                                            | 25        | 0         | 25      | 0         | 64-QAM  | 20.33  | 20.34  | 20.25   | 23.39      | 0.2183   |
| 5+5                                                            | 1         | 0         | 1       | 24        |         | 13.63  | 13.50  | 13.74   |            |          |
| 5+5                                                            | 1         | 24        | 1       | 0         |         | 21.29  | 21.49  | 21.38   |            |          |
| 5+5                                                            | 25        | 0         | 25      | 0         | 256-QAM | 18.51  | 18.56  | 18.51   | 20.57      | 0.1140   |
| 5+5                                                            | 1         | 0         | 1       | 24        |         | 13.29  | 13.42  | 13.39   |            |          |
| 5+5                                                            | 1         | 24        | 1       | 0         |         | 18.64  | 18.62  | 18.67   |            |          |
| Limit                                                          | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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    | 22.77  | 22.76  | 22.68   | 25.09      | 0.3228   |
| 20+20                                                          | 1         | 0         | 1       | 99        |         | 14.50  | 14.47  | 14.38   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |         | 23.06  | 22.93  | 23.19   |            |          |
| 20+20                                                          | 100       | 0         | 100     | 0         | 16-QAM  | 21.62  | 21.56  | 21.58   | 25.42      | 0.3483   |
| 20+20                                                          | 1         | 0         | 1       | 99        |         | 14.20  | 14.30  | 14.28   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |         | 23.52  | 2.41   | 23.20   |            |          |
| 20+20                                                          | 100       | 0         | 100     | 0         | 64-QAM  | 21.14  | 21.09  | 21.19   | 24.10      | 0.2570   |
| 20+20                                                          | 1         | 0         | 1       | 99        |         | 14.14  | 14.15  | 14.05   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |         | 21.87  | 22.20  | 21.57   |            |          |
| 20+20                                                          | 100       | 0         | 100     | 0         | 256-QAM | 19.69  | 19.46  | 19.66   | 21.64      | 0.1459   |
| 20+20                                                          | 1         | 0         | 1       | 99        |         | 16.36  | 16.32  | 16.38   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |         | 19.36  | 19.74  | 19.37   |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | QPSK    | 21.78  | 21.77  | 21.68   | 25.41      | 0.3475   |
| 20+15                                                          | 1         | 0         | 1       | 74        |         | 15.30  | 15.23  | 15.20   |            |          |
| 20+15                                                          | 1         | 74        | 1       | 0         |         | 23.51  | 23.37  | 23.36   |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | 16-QAM  | 20.98  | 20.78  | 20.88   | 24.88      | 0.3076   |
| 20+15                                                          | 1         | 0         | 1       | 74        |         | 15.66  | 15.61  | 15.64   |            |          |
| 20+15                                                          | 1         | 74        | 1       | 0         |         | 22.98  | 22.90  | 22.91   |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | 64-QAM  | 20.80  | 20.65  | 20.66   | 22.70      | 0.1862   |
| 20+15                                                          | 1         | 0         | 1       | 74        |         | 15.51  | 15.50  | 15.45   |            |          |
| 20+15                                                          | 1         | 74        | 1       | 0         |         | 20.59  | 20.40  | 20.49   |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | 256-QAM | 18.69  | 18.61  | 18.73   | 20.63      | 0.1156   |
| 20+15                                                          | 1         | 0         | 1       | 74        |         | 15.37  | 15.43  | 15.30   |            |          |
| 20+15                                                          | 1         | 74        | 1       | 0         |         | 18.47  | 18.48  | 18.47   |            |          |
| 15+20                                                          | 75        | 0         | 100     | 0         | QPSK    | 21.73  | 21.74  | 21.67   | 25.40      | 0.3467   |
| 15+20                                                          | 1         | 0         | 1       | 99        |         | 15.27  | 15.30  | 15.13   |            |          |
| 15+20                                                          | 1         | 74        | 1       | 0         |         | 23.50  | 23.44  | 23.34   |            |          |
| 15+20                                                          | 75        | 0         | 100     | 0         | 16-QAM  | 20.84  | 20.85  | 20.96   | 24.82      | 0.3034   |
| 15+20                                                          | 1         | 0         | 1       | 99        |         | 15.66  | 15.60  | 15.61   |            |          |
| 15+20                                                          | 1         | 74        | 1       | 0         |         | 22.92  | 22.79  | 22.84   |            |          |
| 15+20                                                          | 75        | 0         | 100     | 0         | 64-QAM  | 20.72  | 20.73  | 20.62   | 22.63      | 0.1832   |
| 15+20                                                          | 1         | 0         | 1       | 99        |         | 15.51  | 15.34  | 15.35   |            |          |
| 15+20                                                          | 1         | 74        | 1       | 0         |         | 20.47  | 20.45  | 20.53   |            |          |
| 15+20                                                          | 75        | 0         | 100     | 0         | 256-QAM | 18.64  | 18.57  | 18.71   | 20.61      | 0.1151   |
| 15+20                                                          | 1         | 0         | 1       | 99        |         | 15.26  | 15.33  | 15.28   |            |          |
| 15+20                                                          | 1         | 74        | 1       | 0         |         | 18.41  | 18.49  | 18.50   |            |          |
| Limit                                                          | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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    | 21.72  | 21.78  | 21.58   | 25.28      | 0.3373   |
| 20+10                                                          | 1         | 0         | 1       | 49        |         | 15.30  | 15.27  | 15.22   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |         | 23.35  | 23.32  | 23.38   |            |          |
| 20+10                                                          | 100       | 0         | 50      | 0         | 16-QAM  | 20.91  | 20.97  | 20.86   | 24.88      | 0.3076   |
| 20+10                                                          | 1         | 0         | 1       | 49        |         | 15.50  | 15.62  | 15.66   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |         | 22.96  | 22.80  | 22.98   |            |          |
| 20+10                                                          | 100       | 0         | 50      | 0         | 64-QAM  | 20.71  | 20.74  | 20.66   | 22.64      | 0.1837   |
| 20+10                                                          | 1         | 0         | 1       | 49        |         | 15.50  | 15.50  | 15.46   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |         | 20.40  | 20.54  | 20.47   |            |          |
| 20+10                                                          | 100       | 0         | 50      | 0         | 256-QAM | 18.68  | 18.64  | 18.73   | 20.63      | 0.1156   |
| 20+10                                                          | 1         | 0         | 1       | 49        |         | 15.37  | 15.30  | 15.31   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |         | 18.53  | 18.42  | 18.48   |            |          |
| 10+20                                                          | 50        | 0         | 100     | 0         | QPSK    | 21.62  | 21.76  | 21.73   | 25.39      | 0.3459   |
| 10+20                                                          | 1         | 0         | 1       | 99        |         | 15.24  | 15.12  | 15.25   |            |          |
| 10+20                                                          | 1         | 49        | 1       | 0         |         | 23.49  | 23.39  | 23.45   |            |          |
| 10+20                                                          | 50        | 0         | 100     | 0         | 16-QAM  | 20.90  | 20.90  | 20.92   | 24.88      | 0.3076   |
| 10+20                                                          | 1         | 0         | 1       | 99        |         | 15.59  | 15.52  | 15.47   |            |          |
| 10+20                                                          | 1         | 49        | 1       | 0         |         | 22.98  | 22.78  | 22.98   |            |          |
| 10+20                                                          | 50        | 0         | 100     | 0         | 64-QAM  | 20.80  | 20.71  | 20.71   | 22.70      | 0.1862   |
| 10+20                                                          | 1         | 0         | 1       | 99        |         | 15.50  | 15.40  | 15.33   |            |          |
| 10+20                                                          | 1         | 49        | 1       | 0         |         | 20.40  | 20.50  | 20.40   |            |          |
| 10+20                                                          | 50        | 0         | 100     | 0         | 256-QAM | 18.77  | 18.73  | 18.74   | 20.67      | 0.1167   |
| 10+20                                                          | 1         | 0         | 1       | 99        |         | 15.26  | 15.28  | 15.28   |            |          |
| 10+20                                                          | 1         | 49        | 1       | 0         |         | 18.58  | 18.54  | 18.56   |            |          |
| 20+5                                                           | 100       | 0         | 25      | 0         | QPSK    | 21.72  | 21.65  | 21.77   | 25.35      | 0.3428   |
| 20+5                                                           | 1         | 0         | 1       | 24        |         | 15.13  | 15.30  | 15.21   |            |          |
| 20+5                                                           | 1         | 99        | 1       | 0         |         | 23.36  | 23.45  | 23.38   |            |          |
| 20+5                                                           | 100       | 0         | 25      | 0         | 16-QAM  | 20.89  | 20.93  | 20.87   | 24.87      | 0.3069   |
| 20+5                                                           | 1         | 0         | 1       | 24        |         | 15.64  | 15.61  | 15.60   |            |          |
| 20+5                                                           | 1         | 99        | 1       | 0         |         | 22.78  | 22.97  | 22.90   |            |          |
| 20+5                                                           | 100       | 0         | 25      | 0         | 64-QAM  | 20.75  | 20.69  | 20.66   | 22.65      | 0.1841   |
| 20+5                                                           | 1         | 0         | 1       | 24        |         | 15.36  | 15.48  | 15.39   |            |          |
| 20+5                                                           | 1         | 99        | 1       | 0         |         | 20.43  | 20.59  | 20.53   |            |          |
| 20+5                                                           | 100       | 0         | 25      | 0         | 256-QAM | 18.77  | 18.72  | 18.64   | 20.67      | 0.1167   |
| 20+5                                                           | 1         | 0         | 1       | 24        |         | 15.32  | 15.30  | 15.32   |            |          |
| 20+5                                                           | 1         | 99        | 1       | 0         |         | 18.44  | 18.49  | 18.42   |            |          |
| Limit                                                          | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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    | 21.60  | 21.76  | 21.74   | 25.37      | 0.3443   |
| 5+20                                                           | 1         | 0         | 1       | 99        |         | 15.19  | 15.26  | 15.15   |            |          |
| 5+20                                                           | 1         | 24        | 1       | 0         |         | 23.40  | 23.43  | 23.47   |            |          |
| 5+20                                                           | 25        | 0         | 100     | 0         | 16-QAM  | 20.85  | 20.96  | 20.92   | 24.80      | 0.3020   |
| 5+20                                                           | 1         | 0         | 1       | 99        |         | 15.50  | 15.58  | 15.62   |            |          |
| 5+20                                                           | 1         | 24        | 1       | 0         |         | 22.89  | 22.90  | 22.80   |            |          |
| 5+20                                                           | 25        | 0         | 100     | 0         | 64-QAM  | 20.80  | 20.70  | 20.78   | 22.70      | 0.1862   |
| 5+20                                                           | 1         | 0         | 1       | 99        |         | 15.32  | 15.31  | 15.33   |            |          |
| 5+20                                                           | 1         | 24        | 1       | 0         |         | 20.55  | 20.42  | 20.42   |            |          |
| 5+20                                                           | 25        | 0         | 100     | 0         | 256-QAM | 18.69  | 18.71  | 18.63   | 20.61      | 0.1151   |
| 5+20                                                           | 1         | 0         | 1       | 99        |         | 15.47  | 15.44  | 15.22   |            |          |
| 5+20                                                           | 1         | 24        | 1       | 0         |         | 18.43  | 18.46  | 18.37   |            |          |
| Limit                                                          | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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    | 21.60  | 21.61  | 21.61   | 25.34      | 0.3420   |
| 15+10                                                          | 1         | 0         | 1       | 49        |         | 15.14  | 15.13  | 15.19   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |         | 23.42  | 23.44  | 23.37   |            |          |
| 15+10                                                          | 75        | 0         | 50      | 0         | 16-QAM  | 20.78  | 20.83  | 20.80   | 24.85      | 0.3055   |
| 15+10                                                          | 1         | 0         | 1       | 49        |         | 15.63  | 15.52  | 15.66   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |         | 22.95  | 22.90  | 22.85   |            |          |
| 15+10                                                          | 75        | 0         | 50      | 0         | 64-QAM  | 20.74  | 20.65  | 20.75   | 22.65      | 0.1841   |
| 15+10                                                          | 1         | 0         | 1       | 49        |         | 15.42  | 15.37  | 15.47   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |         | 20.57  | 20.42  | 20.50   |            |          |
| 15+10                                                          | 75        | 0         | 50      | 0         | 256-QAM | 18.72  | 18.79  | 18.68   | 20.69      | 0.1172   |
| 15+10                                                          | 1         | 0         | 1       | 49        |         | 15.30  | 15.28  | 15.34   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |         | 18.34  | 18.47  | 18.42   |            |          |
| 10+15                                                          | 50        | 0         | 75      | 0         | QPSK    | 21.63  | 21.63  | 21.63   | 25.24      | 0.3342   |
| 10+15                                                          | 1         | 0         | 1       | 74        |         | 15.30  | 15.22  | 15.12   |            |          |
| 10+15                                                          | 1         | 49        | 1       | 0         |         | 23.34  | 23.34  | 23.34   |            |          |
| 10+15                                                          | 50        | 0         | 75      | 0         | 16-QAM  | 20.86  | 20.95  | 20.91   | 24.88      | 0.3076   |
| 10+15                                                          | 1         | 0         | 1       | 74        |         | 15.47  | 15.63  | 15.52   |            |          |
| 10+15                                                          | 1         | 49        | 1       | 0         |         | 22.85  | 22.82  | 22.98   |            |          |
| 10+15                                                          | 50        | 0         | 75      | 0         | 64-QAM  | 20.62  | 20.64  | 20.61   | 22.54      | 0.1795   |
| 10+15                                                          | 1         | 0         | 1       | 74        |         | 15.49  | 15.46  | 15.34   |            |          |
| 10+15                                                          | 1         | 49        | 1       | 0         |         | 20.57  | 20.57  | 20.43   |            |          |
| 10+15                                                          | 50        | 0         | 75      | 0         | 256-QAM | 18.70  | 18.76  | 18.65   | 20.66      | 0.1164   |
| 10+15                                                          | 1         | 0         | 1       | 74        |         | 15.34  | 15.34  | 15.36   |            |          |
| 10+15                                                          | 1         | 49        | 1       | 0         |         | 18.39  | 18.40  | 18.31   |            |          |
| 15+15                                                          | 75        | 0         | 75      | 0         | QPSK    | 21.59  | 21.63  | 21.75   | 25.36      | 0.3436   |
| 15+15                                                          | 1         | 0         | 1       | 74        |         | 15.22  | 15.27  | 15.13   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |         | 23.44  | 23.46  | 23.41   |            |          |
| 15+15                                                          | 75        | 0         | 75      | 0         | 16-QAM  | 20.82  | 20.90  | 20.94   | 24.85      | 0.3055   |
| 15+15                                                          | 1         | 0         | 1       | 74        |         | 15.46  | 15.62  | 15.49   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |         | 22.92  | 22.95  | 22.91   |            |          |
| 15+15                                                          | 75        | 0         | 75      | 0         | 64-QAM  | 20.64  | 20.64  | 20.71   | 22.61      | 0.1824   |
| 15+15                                                          | 1         | 0         | 1       | 74        |         | 15.37  | 15.31  | 15.50   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |         | 20.42  | 20.50  | 20.48   |            |          |
| 15+15                                                          | 75        | 0         | 75      | 0         | 256-QAM | 18.69  | 18.73  | 18.67   | 20.63      | 0.1156   |
| 15+15                                                          | 1         | 0         | 1       | 74        |         | 15.37  | 15.28  | 15.26   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |         | 18.47  | 18.40  | 18.44   |            |          |
| Limit                                                          | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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    | 23.39  | 23.35  | 23.33   | 25.29      | 0.3381   |
| 20+20                                                         | 1         | 0         | 1       | 99        |         | 16.61  | 16.51  | 16.51   |            |          |
| 20+20                                                         | 1         | 99        | 1       | 0         |         | 22.39  | 22.60  | 22.50   |            |          |
| 20+20                                                         | 100       | 0         | 100     | 0         | 16-QAM  | 21.76  | 21.69  | 21.76   | 25.24      | 0.3342   |
| 20+20                                                         | 1         | 0         | 1       | 99        |         | 17.20  | 17.01  | 17.01   |            |          |
| 20+20                                                         | 1         | 99        | 1       | 0         |         | 23.30  | 23.33  | 23.34   |            |          |
| 20+20                                                         | 100       | 0         | 100     | 0         | 64-QAM  | 21.21  | 21.07  | 21.26   | 23.29      | 0.2133   |
| 20+20                                                         | 1         | 0         | 1       | 99        |         | 17.11  | 17.11  | 17.06   |            |          |
| 20+20                                                         | 1         | 99        | 1       | 0         |         | 21.32  | 21.33  | 21.39   |            |          |
| 20+20                                                         | 100       | 0         | 100     | 0         | 256-QAM | 19.84  | 19.85  | 19.82   | 21.75      | 0.1496   |
| 20+20                                                         | 1         | 0         | 1       | 99        |         | 16.57  | 16.54  | 16.51   |            |          |
| 20+20                                                         | 1         | 99        | 1       | 0         |         | 19.78  | 19.82  | 19.74   |            |          |
| 20+15                                                         | 100       | 0         | 75      | 0         | QPSK    | 21.73  | 21.72  | 21.79   | 25.18      | 0.3296   |
| 20+15                                                         | 1         | 0         | 1       | 74        |         | 14.97  | 15.10  | 14.95   |            |          |
| 20+15                                                         | 1         | 99        | 1       | 0         |         | 23.22  | 23.18  | 23.28   |            |          |
| 20+15                                                         | 100       | 0         | 75      | 0         | 16-QAM  | 20.79  | 20.82  | 20.72   | 24.92      | 0.3105   |
| 20+15                                                         | 1         | 0         | 1       | 74        |         | 15.85  | 15.75  | 15.95   |            |          |
| 20+15                                                         | 1         | 99        | 1       | 0         |         | 23.01  | 23.02  | 22.96   |            |          |
| 20+15                                                         | 100       | 0         | 75      | 0         | 64-QAM  | 20.52  | 20.54  | 20.69   | 22.59      | 0.1816   |
| 20+15                                                         | 1         | 0         | 1       | 74        |         | 15.40  | 15.33  | 15.41   |            |          |
| 20+15                                                         | 1         | 99        | 1       | 0         |         | 20.09  | 20.11  | 19.95   |            |          |
| 20+15                                                         | 100       | 0         | 75      | 0         | 256-QAM | 18.07  | 18.05  | 18.11   | 20.01      | 0.1002   |
| 20+15                                                         | 1         | 0         | 1       | 74        |         | 14.65  | 14.71  | 15.02   |            |          |
| 20+15                                                         | 1         | 99        | 1       | 0         |         | 17.94  | 17.93  | 18.03   |            |          |
| 15+20                                                         | 75        | 0         | 100     | 0         | QPSK    | 21.72  | 21.62  | 21.71   | 25.18      | 0.3296   |
| 15+20                                                         | 1         | 0         | 1       | 99        |         | 14.93  | 15.08  | 14.88   |            |          |
| 15+20                                                         | 1         | 74        | 1       | 0         |         | 23.18  | 23.18  | 23.28   |            |          |
| 15+20                                                         | 75        | 0         | 100     | 0         | 16-QAM  | 20.74  | 20.75  | 20.71   | 24.88      | 0.3076   |
| 15+20                                                         | 1         | 0         | 1       | 99        |         | 15.83  | 15.70  | 15.93   |            |          |
| 15+20                                                         | 1         | 74        | 1       | 0         |         | 22.98  | 22.95  | 22.86   |            |          |
| 15+20                                                         | 75        | 0         | 100     | 0         | 64-QAM  | 20.52  | 20.46  | 20.69   | 22.59      | 0.1816   |
| 15+20                                                         | 1         | 0         | 1       | 99        |         | 15.40  | 15.33  | 15.34   |            |          |
| 15+20                                                         | 1         | 74        | 1       | 0         |         | 20.01  | 20.01  | 19.88   |            |          |
| 15+20                                                         | 75        | 0         | 100     | 0         | 256-QAM | 18.09  | 17.99  | 18.06   | 19.99      | 0.0998   |
| 15+20                                                         | 1         | 0         | 1       | 99        |         | 14.75  | 14.68  | 14.71   |            |          |
| 15+20                                                         | 1         | 74        | 1       | 0         |         | 17.92  | 17.94  | 17.88   |            |          |
| Limit                                                         | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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    | 21.62  | 21.59  | 21.69   | 25.12      | 0.3251   |
| 20+10                                                         | 1         | 0         | 1       | 74        |         | 14.86  | 15.04  | 14.88   |            |          |
| 20+10                                                         | 1         | 99        | 1       | 0         |         | 23.18  | 23.11  | 23.22   |            |          |
| 20+10                                                         | 100       | 0         | 75      | 0         | 16-QAM  | 20.74  | 20.69  | 20.63   | 24.85      | 0.3055   |
| 20+10                                                         | 1         | 0         | 1       | 74        |         | 15.83  | 15.67  | 15.88   |            |          |
| 20+10                                                         | 1         | 99        | 1       | 0         |         | 22.95  | 22.91  | 22.76   |            |          |
| 20+10                                                         | 100       | 0         | 75      | 0         | 64-QAM  | 20.50  | 20.40  | 20.67   | 22.57      | 0.1807   |
| 20+10                                                         | 1         | 0         | 1       | 74        |         | 15.31  | 15.33  | 15.29   |            |          |
| 20+10                                                         | 1         | 99        | 1       | 0         |         | 19.92  | 20.01  | 19.81   |            |          |
| 20+10                                                         | 100       | 0         | 75      | 0         | 256-QAM | 18.09  | 18.04  | 18.14   | 20.04      | 0.1009   |
| 20+10                                                         | 1         | 0         | 1       | 74        |         | 14.73  | 14.74  | 14.65   |            |          |
| 20+10                                                         | 1         | 99        | 1       | 0         |         | 17.92  | 17.99  | 17.98   |            |          |
| 10+20                                                         | 75        | 0         | 100     | 0         | QPSK    | 21.59  | 21.53  | 21.61   | 25.08      | 0.3221   |
| 10+20                                                         | 1         | 0         | 1       | 99        |         | 14.77  | 14.95  | 14.87   |            |          |
| 10+20                                                         | 1         | 74        | 1       | 0         |         | 23.18  | 23.08  | 23.12   |            |          |
| 10+20                                                         | 75        | 0         | 100     | 0         | 16-QAM  | 20.71  | 20.66  | 20.63   | 24.83      | 0.3041   |
| 10+20                                                         | 1         | 0         | 1       | 99        |         | 15.73  | 15.67  | 15.79   |            |          |
| 10+20                                                         | 1         | 74        | 1       | 0         |         | 22.93  | 22.87  | 22.69   |            |          |
| 10+20                                                         | 75        | 0         | 100     | 0         | 64-QAM  | 20.41  | 20.34  | 20.57   | 22.47      | 0.1766   |
| 10+20                                                         | 1         | 0         | 1       | 99        |         | 15.25  | 15.31  | 15.29   |            |          |
| 10+20                                                         | 1         | 74        | 1       | 0         |         | 19.82  | 20.01  | 19.74   |            |          |
| 10+20                                                         | 75        | 0         | 100     | 0         | 256-QAM | 18.06  | 18.08  | 18.11   | 20.01      | 0.1002   |
| 10+20                                                         | 1         | 0         | 1       | 99        |         | 14.69  | 14.61  | 14.75   |            |          |
| 10+20                                                         | 1         | 74        | 1       | 0         |         | 17.89  | 17.95  | 17.98   |            |          |
| 15+15                                                         | 75        | 0         | 100     | 0         | QPSK    | 21.58  | 21.50  | 21.53   | 24.98      | 0.3148   |
| 15+15                                                         | 1         | 0         | 1       | 99        |         | 14.77  | 14.94  | 14.87   |            |          |
| 15+15                                                         | 1         | 74        | 1       | 0         |         | 23.08  | 23.01  | 23.03   |            |          |
| 15+15                                                         | 75        | 0         | 100     | 0         | 16-QAM  | 20.64  | 20.57  | 20.63   | 24.78      | 0.3006   |
| 15+15                                                         | 1         | 0         | 1       | 99        |         | 15.63  | 15.65  | 15.76   |            |          |
| 15+15                                                         | 1         | 74        | 1       | 0         |         | 22.88  | 22.87  | 22.65   |            |          |
| 15+15                                                         | 75        | 0         | 100     | 0         | 64-QAM  | 20.41  | 20.34  | 20.57   | 22.47      | 0.1766   |
| 15+15                                                         | 1         | 0         | 1       | 99        |         | 15.25  | 15.22  | 15.23   |            |          |
| 15+15                                                         | 1         | 74        | 1       | 0         |         | 19.72  | 19.92  | 19.70   |            |          |
| 15+15                                                         | 75        | 0         | 100     | 0         | 256-QAM | 17.99  | 18.08  | 18.09   | 19.99      | 0.0998   |
| 15+15                                                         | 1         | 0         | 1       | 99        |         | 14.64  | 14.70  | 14.81   |            |          |
| 15+15                                                         | 1         | 74        | 1       | 0         |         | 17.73  | 17.95  | 17.97   |            |          |
| Limit                                                         | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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    | 21.56  | 21.48  | 21.43   | 24.96      | 0.3133   |
| 15+10                                                         | 1         | 0         | 1       | 99        |         | 14.68  | 14.93  | 14.85   |            |          |
| 15+10                                                         | 1         | 74        | 1       | 0         |         | 23.06  | 22.95  | 22.96   |            |          |
| 15+10                                                         | 75        | 0         | 100     | 0         | 16-QAM  | 20.64  | 20.48  | 20.57   | 24.74      | 0.2979   |
| 15+10                                                         | 1         | 0         | 1       | 99        |         | 15.56  | 15.55  | 15.68   |            |          |
| 15+10                                                         | 1         | 74        | 1       | 0         |         | 22.84  | 22.77  | 22.55   |            |          |
| 15+10                                                         | 75        | 0         | 100     | 0         | 64-QAM  | 20.34  | 20.32  | 20.50   | 22.40      | 0.1738   |
| 15+10                                                         | 1         | 0         | 1       | 99        |         | 15.21  | 15.12  | 15.19   |            |          |
| 15+10                                                         | 1         | 74        | 1       | 0         |         | 19.64  | 19.91  | 19.64   |            |          |
| 15+10                                                         | 75        | 0         | 100     | 0         | 256-QAM | 18.02  | 18.09  | 18.06   | 19.99      | 0.0998   |
| 15+10                                                         | 1         | 0         | 1       | 99        |         | 14.79  | 14.68  | 14.72   |            |          |
| 15+10                                                         | 1         | 74        | 1       | 0         |         | 17.91  | 17.94  | 17.95   |            |          |
| Limit                                                         | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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    | 22.92  | 22.94  | 22.88   | 24.84      | 0.3048   |
| 20+20                                                          | 1         | 0         | 1       | 99        |         | 15.81  | 15.81  | 15.83   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |         | 22.38  | 22.47  | 22.73   |            |          |
| 20+20                                                          | 100       | 0         | 100     | 0         | 16-QAM  | 21.63  | 21.56  | 21.64   | 25.24      | 0.3342   |
| 20+20                                                          | 1         | 0         | 1       | 99        |         | 15.78  | 15.77  | 16.01   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |         | 23.34  | 23.03  | 22.03   |            |          |
| 20+20                                                          | 100       | 0         | 100     | 0         | 64-QAM  | 21.56  | 21.51  | 21.54   | 25.06      | 0.3206   |
| 20+20                                                          | 1         | 0         | 1       | 99        |         | 15.34  | 15.36  | 15.61   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |         | 23.05  | 23.16  | 23.01   |            |          |
| 20+20                                                          | 100       | 0         | 100     | 0         | 256-QAM | 19.62  | 19.61  | 19.62   | 21.71      | 0.1483   |
| 20+20                                                          | 1         | 0         | 1       | 99        |         | 16.54  | 16.56  | 16.58   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |         | 19.75  | 19.77  | 19.81   |            |          |
| 15+15                                                          | 75        | 0         | 75      | 0         | QPSK    | 21.85  | 21.78  | 21.71   | 25.23      | 0.3334   |
| 15+15                                                          | 1         | 0         | 1       | 74        |         | 15.09  | 14.95  | 15.10   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |         | 23.23  | 23.31  | 23.33   |            |          |
| 15+15                                                          | 75        | 0         | 75      | 0         | 16-QAM  | 20.74  | 20.59  | 20.58   | 24.81      | 0.3027   |
| 15+15                                                          | 1         | 0         | 1       | 74        |         | 15.70  | 15.64  | 15.61   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |         | 22.73  | 22.91  | 22.65   |            |          |
| 15+15                                                          | 75        | 0         | 75      | 0         | 64-QAM  | 20.83  | 20.56  | 20.47   | 23.59      | 0.2286   |
| 15+15                                                          | 1         | 0         | 1       | 74        |         | 15.49  | 15.29  | 15.15   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |         | 21.56  | 21.69  | 21.51   |            |          |
| 15+15                                                          | 75        | 0         | 75      | 0         | 256-QAM | 18.76  | 18.88  | 18.81   | 20.93      | 0.1239   |
| 15+15                                                          | 1         | 0         | 1       | 74        |         | 15.71  | 15.76  | 15.73   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |         | 19.03  | 19.01  | 18.96   |            |          |
| Limit                                                          | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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    | 22.54  | 22.58  | 22.42   | 25.42      | 0.3483   |
| 20+20                                                          | 1         | 0         | 1       | 99        |         | 23.22  | 23.52  | 23.34   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |         | 22.55  | 22.72  | 22.87   |            |          |
| 20+20                                                          | 100       | 0         | 100     | 0         | 16-QAM  | 21.56  | 21.61  | 21.49   | 24.46      | 0.2793   |
| 20+20                                                          | 1         | 0         | 1       | 99        |         | 21.68  | 22.56  | 22.18   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |         | 22.29  | 21.89  | 21.95   |            |          |
| 20+20                                                          | 100       | 0         | 100     | 0         | 64-QAM  | 21.52  | 21.57  | 21.51   | 23.47      | 0.2223   |
| 20+20                                                          | 1         | 0         | 1       | 99        |         | 20.23  | 20.58  | 20.62   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |         | 20.32  | 20.53  | 20.53   |            |          |
| 20+20                                                          | 100       | 0         | 100     | 0         | 256-QAM | 19.64  | 19.48  | 19.53   | 21.54      | 0.1426   |
| 20+20                                                          | 1         | 0         | 1       | 99        |         | 16.42  | 16.32  | 16.37   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |         | 19.58  | 19.45  | 19.44   |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | QPSK    | 21.54  | 21.29  | 21.25   | 25.23      | 0.3334   |
| 20+15                                                          | 1         | 0         | 1       | 74        |         | 15.08  | 14.76  | 14.78   |            |          |
| 20+15                                                          | 1         | 99        | 1       | 0         |         | 23.33  | 23.01  | 23.00   |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | 16-QAM  | 20.65  | 20.49  | 20.27   | 24.79      | 0.3013   |
| 20+15                                                          | 1         | 0         | 1       | 74        |         | 15.65  | 15.33  | 15.39   |            |          |
| 20+15                                                          | 1         | 99        | 1       | 0         |         | 22.89  | 22.63  | 22.53   |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | 64-QAM  | 20.63  | 20.27  | 20.17   | 23.49      | 0.2234   |
| 20+15                                                          | 1         | 0         | 1       | 74        |         | 15.29  | 15.04  | 14.88   |            |          |
| 20+15                                                          | 1         | 99        | 1       | 0         |         | 21.59  | 21.45  | 21.54   |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | 256-QAM | 18.77  | 18.52  | 18.49   | 20.67      | 0.1167   |
| 20+15                                                          | 1         | 0         | 1       | 74        |         | 15.59  | 15.46  | 15.46   |            |          |
| 20+15                                                          | 1         | 99        | 1       | 0         |         | 18.76  | 18.47  | 18.48   |            |          |
| 15+20                                                          | 75        | 0         | 100     | 0         | QPSK    | 21.53  | 21.27  | 21.24   | 25.30      | 0.3388   |
| 15+20                                                          | 1         | 0         | 1       | 99        |         | 14.99  | 14.80  | 14.37   |            |          |
| 15+20                                                          | 1         | 74        | 1       | 0         |         | 23.40  | 23.04  | 22.82   |            |          |
| 15+20                                                          | 75        | 0         | 100     | 0         | 16-QAM  | 20.71  | 20.49  | 20.33   | 24.89      | 0.3083   |
| 15+20                                                          | 1         | 0         | 1       | 99        |         | 15.58  | 15.31  | 15.23   |            |          |
| 15+20                                                          | 1         | 74        | 1       | 0         |         | 22.99  | 22.57  | 22.44   |            |          |
| 15+20                                                          | 75        | 0         | 100     | 0         | 64-QAM  | 20.67  | 20.39  | 20.32   | 23.48      | 0.2228   |
| 15+20                                                          | 1         | 0         | 1       | 99        |         | 15.28  | 15.15  | 14.94   |            |          |
| 15+20                                                          | 1         | 74        | 1       | 0         |         | 21.58  | 21.48  | 21.19   |            |          |
| 15+20                                                          | 75        | 0         | 100     | 0         | 256-QAM | 18.56  | 18.60  | 18.55   | 20.50      | 0.1122   |
| 15+20                                                          | 1         | 0         | 1       | 99        |         | 15.43  | 15.41  | 15.54   |            |          |
| 15+20                                                          | 1         | 74        | 1       | 0         |         | 18.50  | 18.49  | 18.46   |            |          |
| Limit                                                          | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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    | 21.47  | 21.13  | 21.09   | 25.26      | 0.3357   |
| 20+10                                                          | 1         | 0         | 1       | 49        |         | 14.94  | 14.69  | 14.81   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |         | 23.36  | 23.12  | 22.98   |            |          |
| 20+10                                                          | 100       | 0         | 50      | 0         | 16-QAM  | 20.55  | 19.93  | 20.17   | 24.82      | 0.3034   |
| 20+10                                                          | 1         | 0         | 1       | 49        |         | 15.54  | 15.31  | 15.26   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |         | 22.92  | 22.76  | 22.73   |            |          |
| 20+10                                                          | 100       | 0         | 50      | 0         | 64-QAM  | 20.37  | 20.23  | 20.27   | 23.53      | 0.2254   |
| 20+10                                                          | 1         | 0         | 1       | 49        |         | 15.32  | 15.21  | 15.01   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |         | 21.63  | 21.58  | 21.03   |            |          |
| 20+10                                                          | 100       | 0         | 50      | 0         | 256-QAM | 18.70  | 18.76  | 18.80   | 20.70      | 0.1175   |
| 20+10                                                          | 1         | 0         | 1       | 49        |         | 15.31  | 15.61  | 15.55   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |         | 18.59  | 18.65  | 18.66   |            |          |
| 10+20                                                          | 50        | 0         | 100     | 0         | QPSK    | 21.45  | 21.33  | 21.14   | 25.21      | 0.3319   |
| 10+20                                                          | 1         | 0         | 1       | 99        |         | 14.83  | 14.79  | 14.74   |            |          |
| 10+20                                                          | 1         | 49        | 1       | 0         |         | 23.31  | 23.01  | 22.62   |            |          |
| 10+20                                                          | 50        | 0         | 100     | 0         | 16-QAM  | 20.34  | 20.58  | 20.26   | 24.84      | 0.3048   |
| 10+20                                                          | 1         | 0         | 1       | 99        |         | 15.48  | 15.37  | 15.27   |            |          |
| 10+20                                                          | 1         | 49        | 1       | 0         |         | 22.94  | 22.61  | 22.54   |            |          |
| 10+20                                                          | 50        | 0         | 100     | 0         | 64-QAM  | 20.51  | 20.19  | 20.12   | 23.58      | 0.2280   |
| 10+20                                                          | 1         | 0         | 1       | 99        |         | 15.23  | 15.10  | 14.88   |            |          |
| 10+20                                                          | 1         | 49        | 1       | 0         |         | 21.68  | 21.51  | 21.37   |            |          |
| 10+20                                                          | 50        | 0         | 100     | 0         | 256-QAM | 18.81  | 18.76  | 18.52   | 20.71      | 0.1178   |
| 10+20                                                          | 1         | 0         | 1       | 99        |         | 15.54  | 15.57  | 15.46   |            |          |
| 10+20                                                          | 1         | 49        | 1       | 0         |         | 18.70  | 18.61  | 18.49   |            |          |
| 20+5                                                           | 100       | 0         | 25      | 0         | QPSK    | 21.60  | 21.17  | 21.75   | 25.37      | 0.3443   |
| 20+5                                                           | 1         | 0         | 1       | 24        |         | 15.10  | 15.03  | 15.24   |            |          |
| 20+5                                                           | 1         | 99        | 1       | 0         |         | 23.31  | 23.27  | 23.47   |            |          |
| 20+5                                                           | 100       | 0         | 25      | 0         | 16-QAM  | 20.64  | 20.39  | 20.89   | 24.99      | 0.3155   |
| 20+5                                                           | 1         | 0         | 1       | 24        |         | 15.71  | 15.32  | 15.59   |            |          |
| 20+5                                                           | 1         | 99        | 1       | 0         |         | 22.93  | 22.79  | 23.09   |            |          |
| 20+5                                                           | 100       | 0         | 25      | 0         | 64-QAM  | 20.65  | 20.34  | 20.75   | 23.55      | 0.2265   |
| 20+5                                                           | 1         | 0         | 1       | 24        |         | 15.33  | 15.16  | 15.57   |            |          |
| 20+5                                                           | 1         | 99        | 1       | 0         |         | 21.65  | 21.61  | 21.34   |            |          |
| 20+5                                                           | 100       | 0         | 25      | 0         | 256-QAM | 18.46  | 18.74  | 18.77   | 20.67      | 0.1167   |
| 20+5                                                           | 1         | 0         | 1       | 24        |         | 15.40  | 15.57  | 15.53   |            |          |
| 20+5                                                           | 1         | 99        | 1       | 0         |         | 18.37  | 18.61  | 18.62   |            |          |
| Limit                                                          | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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    | 21.38  | 21.34  | 21.39   | 25.36      | 0.3436   |
| 5+20                                                           | 1         | 0         | 1       | 99        |         | 14.93  | 14.83  | 14.73   |            |          |
| 5+20                                                           | 1         | 24        | 1       | 0         |         | 23.46  | 23.27  | 23.11   |            |          |
| 5+20                                                           | 25        | 0         | 100     | 0         | 16-QAM  | 20.51  | 20.51  | 20.29   | 24.92      | 0.3105   |
| 5+20                                                           | 1         | 0         | 1       | 99        |         | 15.56  | 15.46  | 15.26   |            |          |
| 5+20                                                           | 1         | 24        | 1       | 0         |         | 23.02  | 22.88  | 22.59   |            |          |
| 5+20                                                           | 25        | 0         | 100     | 0         | 64-QAM  | 20.59  | 20.45  | 20.25   | 23.57      | 0.2275   |
| 5+20                                                           | 1         | 0         | 1       | 99        |         | 15.67  | 15.19  | 14.90   |            |          |
| 5+20                                                           | 1         | 24        | 1       | 0         |         | 21.61  | 21.67  | 21.42   |            |          |
| 5+20                                                           | 25        | 0         | 100     | 0         | 256-QAM | 18.65  | 18.70  | 18.80   | 20.70      | 0.1175   |
| 5+20                                                           | 1         | 0         | 1       | 99        |         | 15.43  | 15.57  | 15.46   |            |          |
| 5+20                                                           | 1         | 24        | 1       | 0         |         | 18.54  | 18.56  | 18.67   |            |          |
| 15+10                                                          | 75        | 0         | 50      | 0         | QPSK    | 21.23  | 21.41  | 21.24   | 25.29      | 0.3381   |
| 15+10                                                          | 1         | 0         | 1       | 49        |         | 15.06  | 15.01  | 14.77   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |         | 23.39  | 23.25  | 22.98   |            |          |
| 15+10                                                          | 75        | 0         | 50      | 0         | 16-QAM  | 20.45  | 20.56  | 20.23   | 24.82      | 0.3034   |
| 15+10                                                          | 1         | 0         | 1       | 49        |         | 15.61  | 15.54  | 15.31   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |         | 22.92  | 22.81  | 22.51   |            |          |
| 15+10                                                          | 75        | 0         | 50      | 0         | 64-QAM  | 20.53  | 20.53  | 20.13   | 23.52      | 0.2249   |
| 15+10                                                          | 1         | 0         | 1       | 49        |         | 15.30  | 15.31  | 14.99   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |         | 21.55  | 21.62  | 21.11   |            |          |
| 15+10                                                          | 75        | 0         | 50      | 0         | 256-QAM | 18.71  | 18.54  | 18.80   | 20.70      | 0.1175   |
| 15+10                                                          | 1         | 0         | 1       | 49        |         | 15.57  | 15.36  | 15.56   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |         | 18.59  | 18.43  | 18.67   |            |          |
| 10+15                                                          | 50        | 0         | 75      | 0         | QPSK    | 21.46  | 21.30  | 21.27   | 25.13      | 0.3258   |
| 10+15                                                          | 1         | 0         | 1       | 74        |         | 15.19  | 15.02  | 14.62   |            |          |
| 10+15                                                          | 1         | 49        | 1       | 0         |         | 23.23  | 22.87  | 22.98   |            |          |
| 10+15                                                          | 50        | 0         | 75      | 0         | 16-QAM  | 20.68  | 20.43  | 20.33   | 24.84      | 0.3048   |
| 10+15                                                          | 1         | 0         | 1       | 74        |         | 15.71  | 15.62  | 15.34   |            |          |
| 10+15                                                          | 1         | 49        | 1       | 0         |         | 22.94  | 22.45  | 22.52   |            |          |
| 10+15                                                          | 50        | 0         | 75      | 0         | 64-QAM  | 20.66  | 20.57  | 20.25   | 23.67      | 0.2328   |
| 10+15                                                          | 1         | 0         | 1       | 74        |         | 15.38  | 15.22  | 15.02   |            |          |
| 10+15                                                          | 1         | 49        | 1       | 0         |         | 21.77  | 21.50  | 21.43   |            |          |
| 10+15                                                          | 50        | 0         | 75      | 0         | 256-QAM | 18.59  | 18.80  | 18.70   | 20.70      | 0.1175   |
| 10+15                                                          | 1         | 0         | 1       | 74        |         | 15.44  | 15.67  | 15.53   |            |          |
| 10+15                                                          | 1         | 49        | 1       | 0         |         | 18.50  | 18.72  | 18.55   |            |          |
| Limit                                                          | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.9 dB) |           |    |    |    |         |        |       |       |       |        |
|----------------------------------------------------------------|-----------|----|----|----|---------|--------|-------|-------|-------|--------|
| 15+15                                                          | 75        | 0  | 75 | 0  | QPSK    | 21.48  | 21.19 | 21.18 | 24.97 | 0.3141 |
| 15+15                                                          | 1         | 0  | 1  | 74 |         | 15.02  | 14.84 | 14.45 |       |        |
| 15+15                                                          | 1         | 74 | 1  | 0  |         | 23.07  | 23.03 | 22.80 |       |        |
| 15+15                                                          | 75        | 0  | 75 | 0  | 16-QAM  | 20.56  | 20.21 | 20.17 | 24.63 | 0.2904 |
| 15+15                                                          | 1         | 0  | 1  | 74 |         | 15.23  | 15.43 | 14.98 |       |        |
| 15+15                                                          | 1         | 74 | 1  | 0  |         | 22.58  | 22.73 | 22.25 |       |        |
| 15+15                                                          | 75        | 0  | 75 | 0  | 64-QAM  | 20.58  | 20.33 | 19.95 | 23.29 | 0.2133 |
| 15+15                                                          | 1         | 0  | 1  | 74 |         | 14.97  | 15.09 | 14.58 |       |        |
| 15+15                                                          | 1         | 74 | 1  | 0  |         | 21.36  | 21.39 | 21.00 |       |        |
| 15+15                                                          | 75        | 0  | 75 | 0  | 256-QAM | 18.62  | 18.70 | 18.77 | 20.67 | 0.1167 |
| 15+15                                                          | 1         | 0  | 1  | 74 |         | 15.56  | 15.56 | 15.51 |       |        |
| 15+15                                                          | 1         | 74 | 1  | 0  |         | 18.55  | 18.61 | 18.60 |       |        |
| Limit                                                          | EIRP < 2W |    |    |    |         | Result |       |       | Pass  |        |



## Appendix B. Test Results of Radiated Test

LTE Band 25

| LTE Band 25 / 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                     | 3702                 | -59.21          | -13              | -46.21                  | -73.62                  | -68.85                   | 2.77                       | 12.40                       | H                     |
|                            | 5553                 | -58.67          | -13              | -45.67                  | -77.052                 | -68.60                   | 3.46                       | 13.39                       | H                     |
|                            | 7404                 | -53.94          | -13              | -40.94                  | -77.7                   | -61.14                   | 3.98                       | 11.18                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3702                 | -56.85          | -13              | -43.85                  | -71.67                  | -66.49                   | 2.77                       | 12.40                       | V                     |
|                            | 5553                 | -58.41          | -13              | -45.41                  | -76.83                  | -68.34                   | 3.46                       | 13.39                       | V                     |
|                            | 7404                 | -53.47          | -13              | -40.47                  | -77.71                  | -60.67                   | 3.98                       | 11.18                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 3742                 | -59.59          | -13              | -46.59                  | -74.13                  | -69.30                   | 2.78                       | 12.48                       | H                     |
|                            | 5613                 | -58.89          | -13              | -45.89                  | -77.13                  | -68.76                   | 3.48                       | 13.35                       | H                     |
|                            | 7484                 | -54.52          | -13              | -41.52                  | -78.31                  | -61.69                   | 4.00                       | 11.17                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3742                 | -60.12          | -13              | -47.12                  | -74.06                  | -69.83                   | 2.78                       | 12.48                       | V                     |
|                            | 5613                 | -57.81          | -13              | -44.81                  | -76.27                  | -67.68                   | 3.48                       | 13.35                       | V                     |
|                            | 7484                 | -53.75          | -13              | -40.75                  | -77.91                  | -60.92                   | 4.00                       | 11.17                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Highest                    | 3791                 | -59.39          | -13              | -46.39                  | -74.08                  | -69.02                   | 2.79                       | 12.42                       | H                     |
|                            | 5688                 | -58.64          | -13              | -45.64                  | -77.31                  | -68.57                   | 3.50                       | 13.42                       | H                     |
|                            | 7584                 | -54.34          | -13              | -41.34                  | -77.73                  | -61.65                   | 4.03                       | 11.34                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3791                 | -58.35          | -13              | -45.35                  | -73.42                  | -67.98                   | 2.79                       | 12.42                       | V                     |
|                            | 5688                 | -58.66          | -13              | -45.66                  | -77.56                  | -68.59                   | 3.50                       | 13.42                       | V                     |
|                            | 7584                 | -53.82          | -13              | -40.82                  | -77.73                  | -61.13                   | 4.03                       | 11.34                       | 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<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                    | 3422                 | -61.57          | -13              | -48.57                  | -74.91                  | -71.49                   | 2.68                       | 12.60                       | H                     |
|                           | 5133                 | -59.91          | -13              | -46.91                  | -77.45                  | -69.02                   | 3.32                       | 12.43                       | H                     |
|                           | 6844                 | -55.68          | -13              | -42.68                  | -77.83                  | -64.22                   | 3.86                       | 12.40                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3422                 | -59.28          | -13              | -46.28                  | -72.99                  | -69.20                   | 2.68                       | 12.60                       | V                     |
|                           | 5133                 | -58.82          | -13              | -45.82                  | -76.91                  | -67.93                   | 3.32                       | 12.43                       | V                     |
|                           | 6844                 | -55.46          | -13              | -42.46                  | -77.97                  | -64.00                   | 3.86                       | 12.40                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 3469                 | -61.24          | -13              | -48.24                  | -74.96                  | -71.06                   | 2.71                       | 12.52                       | H                     |
|                           | 5208                 | -59.52          | -13              | -46.52                  | -77.31                  | -69.04                   | 3.34                       | 12.86                       | H                     |
|                           | 6944                 | -54.74          | -13              | -41.74                  | -77.24                  | -62.85                   | 3.89                       | 12.00                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3469                 | -59.94          | -13              | -46.94                  | -74.03                  | -69.76                   | 2.71                       | 12.52                       | V                     |
|                           | 5208                 | -58.42          | -13              | -45.42                  | -76.69                  | -67.94                   | 3.34                       | 12.86                       | V                     |
|                           | 6944                 | -54.78          | -13              | -41.78                  | -77.32                  | -62.89                   | 3.89                       | 12.00                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Highest                   | 3525                 | -57.84          | -13              | -44.84                  | -71.83                  | -67.41                   | 2.73                       | 12.30                       | H                     |
|                           | 5283                 | -59.56          | -13              | -46.56                  | -77.37                  | -69.52                   | 3.37                       | 13.33                       | H                     |
|                           | 7044                 | -54.42          | -13              | -41.42                  | -77.18                  | -62.14                   | 3.92                       | 11.64                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 3525                 | -56.82          | -13              | -43.82                  | -71.2                   | -66.39                   | 2.73                       | 12.30                       | V                     |
|                           | 5283                 | -59.29          | -13              | -46.29                  | -77.45                  | -69.25                   | 3.37                       | 13.33                       | V                     |
|                           | 7044                 | -54.32          | -13              | -41.32                  | -77.06                  | -62.04                   | 3.92                       | 11.64                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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

**LTE Band 66B**

| LTE Band 66B/ 10MHz+10MHz / 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                           | 3440                 | -59.74          | -13              | -46.74                  | -73.23                  | -69.65                   | 2.69                       | 12.60                       | H                     |
|                                  | 5160                 | -59.21          | -13              | -46.21                  | -76.85                  | -68.44                   | 3.33                       | 12.56                       | H                     |
|                                  | 6880                 | -55.08          | -13              | -42.08                  | -77.35                  | -63.37                   | 3.87                       | 12.16                       | H                     |
|                                  |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                  | 3440                 | -58.71          | -13              | -45.71                  | -72.57                  | -68.62                   | 2.69                       | 12.60                       | V                     |
|                                  | 5160                 | -58.73          | -13              | -45.73                  | -76.9                   | -67.96                   | 3.33                       | 12.56                       | V                     |
|                                  | 6880                 | -54.68          | -13              | -41.68                  | -77.2                   | -62.97                   | 3.87                       | 12.16                       | V                     |
|                                  |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                           | 3510                 | -58.90          | -13              | -45.90                  | -72.87                  | -68.54                   | 2.72                       | 12.36                       | H                     |
|                                  | 5265                 | -59.42          | -13              | -46.42                  | -77.22                  | -69.31                   | 3.37                       | 13.26                       | H                     |
|                                  | 7020                 | -53.97          | -13              | -40.97                  | -76.7                   | -61.84                   | 3.91                       | 11.78                       | H                     |
|                                  |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                  | 3510                 | -58.42          | -13              | -45.42                  | -72.77                  | -68.06                   | 2.72                       | 12.36                       | V                     |
|                                  | 5265                 | -58.40          | -13              | -45.40                  | -76.59                  | -68.29                   | 3.37                       | 13.26                       | V                     |
|                                  | 7020                 | -54.14          | -13              | -41.14                  | -76.78                  | -62.01                   | 3.91                       | 11.78                       | V                     |
|                                  |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Highest                          | 3540                 | -59.41          | -13              | -46.41                  | -73.42                  | -68.92                   | 2.73                       | 12.24                       | H                     |
|                                  | 5310                 | -59.24          | -13              | -46.24                  | -77.04                  | -69.28                   | 3.38                       | 13.42                       | H                     |
|                                  | 7080                 | -53.68          | -13              | -40.68                  | -76.49                  | -61.24                   | 3.92                       | 11.48                       | H                     |
|                                  |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                  | 3540                 | -57.43          | -13              | -44.43                  | -71.84                  | -66.94                   | 2.73                       | 12.24                       | V                     |
|                                  | 5310                 | -57.30          | -13              | -44.30                  | -75.41                  | -67.34                   | 3.38                       | 13.42                       | V                     |
|                                  | 7080                 | -53.82          | -13              | -40.82                  | -76.7                   | -61.38                   | 3.92                       | 11.48                       | V                     |
|                                  |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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

**LTE Band 66C**

| LTE Band 66C/ 20MHz + 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                             | 3460                 | -62.58          | -13              | -49.58                  | -76.23                  | -72.44                   | 2.70                       | 12.56                       | H                     |
|                                    | 5190                 | -59.42          | -13              | -46.42                  | -77.18                  | -68.82                   | 3.34                       | 12.74                       | H                     |
|                                    | 6920                 | -54.55          | -13              | -41.55                  | -76.96                  | -62.67                   | 3.88                       | 12.00                       | H                     |
|                                    |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                    | 3460                 | -62.17          | -13              | -49.17                  | -76.19                  | -72.03                   | 2.70                       | 12.56                       | V                     |
|                                    | 5190                 | -58.68          | -13              | -45.68                  | -76.94                  | -68.08                   | 3.34                       | 12.74                       | V                     |
|                                    | 6920                 | -54.46          | -13              | -41.46                  | -76.99                  | -62.58                   | 3.88                       | 12.00                       | V                     |
|                                    |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                             | 3510                 | -61.69          | -13              | -48.69                  | -75.66                  | -71.33                   | 2.72                       | 12.36                       | H                     |
|                                    | 5265                 | -59.29          | -13              | -46.29                  | -77.09                  | -69.18                   | 3.37                       | 13.26                       | H                     |
|                                    | 7020                 | -53.95          | -13              | -40.95                  | -76.68                  | -61.82                   | 3.91                       | 11.78                       | H                     |
|                                    |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                    | 3510                 | -61.44          | -13              | -48.44                  | -75.79                  | -71.08                   | 2.72                       | 12.36                       | V                     |
|                                    | 5265                 | -58.26          | -13              | -45.26                  | -76.45                  | -68.15                   | 3.37                       | 13.26                       | V                     |
|                                    | 7020                 | -53.86          | -13              | -40.86                  | -76.5                   | -61.73                   | 3.91                       | 11.78                       | V                     |
|                                    |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Highest                            | 3520                 | -61.87          | -13              | -48.87                  | -75.85                  | -71.47                   | 2.72                       | 12.32                       | H                     |
|                                    | 5280                 | -59.51          | -13              | -46.51                  | -77.32                  | -69.46                   | 3.37                       | 13.32                       | H                     |
|                                    | 7040                 | -54.11          | -13              | -41.11                  | -76.86                  | -61.85                   | 3.92                       | 11.66                       | H                     |
|                                    |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                    | 3520                 | -61.52          | -13              | -48.52                  | -75.89                  | -71.12                   | 2.72                       | 12.32                       | V                     |
|                                    | 5280                 | -58.11          | -13              | -45.11                  | -76.27                  | -68.06                   | 3.37                       | 13.32                       | V                     |
|                                    | 7040                 | -53.80          | -13              | -40.80                  | -76.52                  | -61.54                   | 3.92                       | 11.66                       | V                     |
|                                    |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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

**LTE Band 5B**

| LTE Band 5B / 10MHz+10MHz / 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                           | 1664                 | -63.99          | -13              | -50.99                  | -70.68                  | -69.38                   | 1.84                       | 9.38                        | H                     |
|                                  | 2504                 | -55.98          | -13              | -42.98                  | -66.83                  | -62.37                   | 2.26                       | 10.80                       | H                     |
|                                  | 3336                 | -63.16          | -13              | -50.16                  | -75.65                  | -70.96                   | 2.64                       | 12.59                       | H                     |
|                                  |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                  | 1664                 | -64.84          | -13              | -51.84                  | -72                     | -70.23                   | 1.84                       | 9.38                        | V                     |
|                                  | 2504                 | -54.21          | -13              | -41.21                  | -65.13                  | -60.60                   | 2.26                       | 10.80                       | V                     |
|                                  | 3336                 | -62.73          | -13              | -49.73                  | -75.62                  | -70.53                   | 2.64                       | 12.59                       | V                     |
|                                  |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                           | 1672                 | -62.62          | -13              | -49.62                  | -69.36                  | -68.06                   | 1.85                       | 9.43                        | H                     |
|                                  | 2512                 | -53.61          | -13              | -40.61                  | -64.43                  | -59.99                   | 2.27                       | 10.80                       | H                     |
|                                  | 3344                 | -63.34          | -13              | -50.34                  | -75.81                  | -71.20                   | 2.65                       | 12.65                       | H                     |
|                                  |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                  | 1672                 | -63.10          | -13              | -50.10                  | -70.31                  | -68.54                   | 1.85                       | 9.43                        | V                     |
|                                  | 2512                 | -51.81          | -13              | -38.81                  | -62.73                  | -58.19                   | 2.27                       | 10.80                       | V                     |
|                                  | 3344                 | -62.64          | -13              | -49.64                  | -75.5                   | -70.50                   | 2.65                       | 12.65                       | V                     |
|                                  |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Highest                          | 1680                 | -62.93          | -13              | -49.93                  | -69.73                  | -68.41                   | 1.85                       | 9.48                        | H                     |
|                                  | 2520                 | -51.68          | -13              | -38.68                  | -62.47                  | -58.06                   | 2.27                       | 10.80                       | H                     |
|                                  | 3352                 | -63.29          | -13              | -50.29                  | -75.73                  | -71.19                   | 2.65                       | 12.70                       | H                     |
|                                  |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                  | 1680                 | -64.22          | -13              | -51.22                  | -71.49                  | -69.70                   | 1.85                       | 9.48                        | V                     |
|                                  | 2520                 | -53.71          | -13              | -40.71                  | -64.65                  | -60.09                   | 2.27                       | 10.80                       | V                     |
|                                  | 3352                 | -62.74          | -13              | -49.74                  | -75.56                  | -70.64                   | 2.65                       | 12.70                       | V                     |
|                                  |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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

**LTE Band 26**

| LTE Band 26 / 1.4MHz / 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                      | 1648                 | -64.96          | -13              | -51.96                  | -71.56                  | -70.26                   | 1.83                       | 9.28                        | H                     |
|                             | 2472                 | -63.53          | -13              | -50.53                  | -74.2                   | -69.76                   | 2.25                       | 10.63                       | H                     |
|                             | 3297                 | -62.34          | -13              | -49.34                  | -74.95                  | -69.86                   | 2.62                       | 12.29                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 1648                 | -64.49          | -13              | -51.49                  | -71.55                  | -69.79                   | 1.83                       | 9.28                        | V                     |
|                             | 2472                 | -61.51          | -13              | -48.51                  | -72.41                  | -67.74                   | 2.25                       | 10.63                       | V                     |
|                             | 3297                 | -62.09          | -13              | -49.09                  | -75.1                   | -69.61                   | 2.62                       | 12.29                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                      | 1672                 | -61.59          | -13              | -48.59                  | -68.33                  | -67.03                   | 1.85                       | 9.43                        | H                     |
|                             | 2508                 | -63.41          | -13              | -50.41                  | -74.25                  | -69.80                   | 2.26                       | 10.80                       | H                     |
|                             | 3344                 | -62.78          | -13              | -49.78                  | -75.25                  | -70.64                   | 2.65                       | 12.65                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 1672                 | -63.81          | -13              | -50.81                  | -71.02                  | -69.25                   | 1.85                       | 9.43                        | V                     |
|                             | 2508                 | -61.39          | -13              | -48.39                  | -72.32                  | -67.78                   | 2.26                       | 10.80                       | V                     |
|                             | 3344                 | -62.49          | -13              | -49.49                  | -75.35                  | -70.35                   | 2.65                       | 12.65                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Highest                     | 1696                 | -60.61          | -13              | -47.61                  | -67.5                   | -66.18                   | 1.86                       | 9.58                        | H                     |
|                             | 2543                 | -63.65          | -13              | -50.65                  | -74.35                  | -70.02                   | 2.28                       | 10.80                       | H                     |
|                             | 3391                 | -63.44          | -13              | -50.44                  | -75.77                  | -71.24                   | 2.67                       | 12.62                       | H                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                             | 1696                 | -62.62          | -13              | -49.62                  | -69.99                  | -68.19                   | 1.86                       | 9.58                        | V                     |
|                             | 2543                 | -63.28          | -13              | -50.28                  | -74.29                  | -69.65                   | 2.28                       | 10.80                       | V                     |
|                             | 3391                 | -63.11          | -13              | -50.11                  | -75.81                  | -70.91                   | 2.67                       | 12.62                       | V                     |
|                             |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 26 / 15MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<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                     | 1648                 | -66.16         | -13              | -53.16                  | -72.76                  | -71.46                   | 1.83                       | 9.28                        | H                     |
|                            | 2474                 | -63.67         | -13              | -50.67                  | -74.35                  | -69.92                   | 2.25                       | 10.64                       | H                     |
|                            | 3299                 | -62.22         | -13              | -49.22                  | -74.82                  | -69.74                   | 2.62                       | 12.30                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1648                 | -65.80         | -13              | -52.80                  | -72.86                  | -71.10                   | 1.83                       | 9.28                        | V                     |
|                            | 2474                 | -63.14         | -13              | -50.14                  | -74.04                  | -69.39                   | 2.25                       | 10.64                       | V                     |
|                            | 3299                 | -61.77         | -13              | -48.77                  | -74.78                  | -69.29                   | 2.62                       | 12.30                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1656                 | -65.29         | -13              | -52.29                  | -71.94                  | -70.64                   | 1.84                       | 9.34                        | H                     |
|                            | 2489                 | -63.49         | -13              | -50.49                  | -74.28                  | -69.82                   | 2.25                       | 10.73                       | H                     |
|                            | 3319                 | -62.53         | -13              | -49.53                  | -75.07                  | -70.20                   | 2.63                       | 12.45                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1656                 | -65.38         | -13              | -52.38                  | -72.49                  | -70.73                   | 1.84                       | 9.34                        | V                     |
|                            | 2489                 | -63.49         | -13              | -50.49                  | -74.39                  | -69.82                   | 2.25                       | 10.73                       | V                     |
|                            | 3319                 | -62.06         | -13              | -49.06                  | -75                     | -69.73                   | 2.63                       | 12.45                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Highest                    | 1672                 | -64.56         | -13              | -51.56                  | -71.3                   | -70.00                   | 1.85                       | 9.43                        | H                     |
|                            | 2504                 | -63.76         | -13              | -50.76                  | -74.61                  | -70.15                   | 2.26                       | 10.80                       | H                     |
|                            | 3339                 | -62.60         | -13              | -49.60                  | -75.08                  | -70.42                   | 2.64                       | 12.61                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1672                 | -65.42         | -13              | -52.42                  | -72.63                  | -70.86                   | 1.85                       | 9.43                        | V                     |
|                            | 2504                 | -63.22         | -13              | -50.22                  | -74.14                  | -69.61                   | 2.26                       | 10.80                       | V                     |
|                            | 3339                 | -62.13         | -13              | -49.13                  | -75                     | -69.95                   | 2.64                       | 12.61                       | 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              | -58.63       | -25           | -33.63            | -75.66            | -67.95             | 3.27                 | 12.59                 | H                  |
|                           | 7503              | -54.10       | -25           | -29.10            | -77.88            | -61.30             | 4.00                 | 11.20                 | H                  |
|                           | 10004             | -49.62       | -25           | -24.62            | -76.2             | -56.16             | 4.67                 | 11.21                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 5002              | -55.07       | -25           | -30.07            | -72.78            | -64.39             | 3.27                 | 12.59                 | V                  |
|                           | 7503              | -52.93       | -25           | -27.93            | -77.06            | -60.13             | 4.00                 | 11.20                 | V                  |
|                           | 10004             | -50.02       | -25           | -25.02            | -76.36            | -56.56             | 4.67                 | 11.21                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                    | 5052              | -58.41       | -25           | -33.41            | -75.64            | -67.52             | 3.29                 | 12.40                 | H                  |
|                           | 7578              | -54.36       | -25           | -29.36            | -77.78            | -61.64             | 4.03                 | 11.31                 | H                  |
|                           | 10107             | -49.79       | -25           | -24.79            | -76.62            | -56.48             | 4.70                 | 11.39                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 5052              | -54.55       | -25           | -29.55            | -72.41            | -63.66             | 3.29                 | 12.40                 | V                  |
|                           | 7578              | -53.74       | -25           | -28.74            | -77.66            | -61.02             | 4.03                 | 11.31                 | V                  |
|                           | 10107             | -50.05       | -25           | -25.05            | -76.45            | -56.74             | 4.70                 | 11.39                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Highest                   | 5100              | -59.39       | -25           | -34.39            | -76.8             | -68.38             | 3.31                 | 12.30                 | H                  |
|                           | 7653              | -53.95       | -25           | -28.95            | -77.31            | -61.40             | 4.06                 | 11.51                 | H                  |
|                           | 10206             | -49.70       | -25           | -24.70            | -76.78            | -56.26             | 4.73                 | 11.29                 | H                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                           | 5100              | -58.56       | -25           | -33.56            | -76.55            | -67.55             | 3.31                 | 12.30                 | V                  |
|                           | 7653              | -53.21       | -25           | -28.21            | -77.1             | -60.66             | 4.06                 | 11.51                 | V                  |
|                           | 10206             | -50.12       | -25           | -25.12            | -76.6             | -56.68             | 4.73                 | 11.29                 | V                  |
|                           |                   |              |               |                   |                   |                    |                      |                       | V                  |

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

**LTE Band 7C**

| LTE Band 7 / 20MHz+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                          | 5040                 | -59.92          | -25              | -34.92                  | -77.1                   | -69.08                   | 3.28                       | 12.44                       | H                     |
|                                 | 7560                 | -54.61          | -25              | -29.61                  | -78.11                  | -61.83                   | 4.02                       | 11.24                       | H                     |
|                                 | 10080                | -49.80          | -25              | -24.80                  | -76.56                  | -56.47                   | 4.69                       | 11.36                       | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 | 5040                 | -59.19          | -25              | -34.19                  | -77.01                  | -68.35                   | 3.28                       | 12.44                       | V                     |
|                                 | 7560                 | -54.16          | -25              | -29.16                  | -78.13                  | -61.38                   | 4.02                       | 11.24                       | V                     |
|                                 | 10080                | -50.39          | -25              | -25.39                  | -76.78                  | -57.06                   | 4.69                       | 11.36                       | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                          | 5070                 | -59.94          | -25              | -34.94                  | -77.24                  | -69.00                   | 3.30                       | 12.36                       | H                     |
|                                 | 7605                 | -54.19          | -25              | -29.19                  | -77.5                   | -61.56                   | 4.04                       | 11.41                       | H                     |
|                                 | 10140                | -49.70          | -25              | -24.70                  | -76.62                  | -56.35                   | 4.71                       | 11.36                       | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 | 5070                 | -59.59          | -25              | -34.59                  | -77.5                   | -68.65                   | 3.30                       | 12.36                       | V                     |
|                                 | 7605                 | -53.83          | -25              | -28.83                  | -77.69                  | -61.20                   | 4.04                       | 11.41                       | V                     |
|                                 | 10140                | -50.02          | -25              | -25.02                  | -76.45                  | -56.67                   | 4.71                       | 11.36                       | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Highest                         | 5100                 | -59.20          | -25              | -34.20                  | -76.61                  | -68.19                   | 3.31                       | 12.30                       | H                     |
|                                 | 7650                 | -53.54          | -25              | -28.54                  | -76.89                  | -60.99                   | 4.05                       | 11.50                       | H                     |
|                                 | 10200                | -49.30          | -25              | -24.30                  | -76.36                  | -55.87                   | 4.73                       | 11.30                       | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 | 5100                 | -59.16          | -25              | -34.16                  | -77.15                  | -68.15                   | 3.31                       | 12.30                       | V                     |
|                                 | 7650                 | -53.01          | -25              | -28.01                  | -76.9                   | -60.46                   | 4.05                       | 11.50                       | V                     |
|                                 | 10200                | -49.78          | -25              | -24.78                  | -76.25                  | -56.35                   | 4.73                       | 11.30                       | 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                 | -59.64          | -25              | -34.64                  | -77.21                  | -68.79                   | 3.32                       | 12.47                       | H                     |
|                            | 7713                 | -53.35          | -25              | -28.35                  | -76.77                  | -60.95                   | 4.08                       | 11.68                       | H                     |
|                            | 10284                | -49.04          | -25              | -24.04                  | -76.31                  | -55.42                   | 4.76                       | 11.13                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5142                 | -57.92          | -25              | -32.92                  | -76.04                  | -67.07                   | 3.32                       | 12.47                       | V                     |
|                            | 7713                 | -53.25          | -25              | -28.25                  | -77.18                  | -60.85                   | 4.08                       | 11.68                       | V                     |
|                            | 10284                | -49.62          | -25              | -24.62                  | -76.15                  | -56.00                   | 4.76                       | 11.13                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 5172                 | -59.54          | -25              | -34.54                  | -77.23                  | -68.84                   | 3.33                       | 12.63                       | H                     |
|                            | 7758                 | -54.03          | -25              | -29.03                  | -77.48                  | -61.79                   | 4.09                       | 11.85                       | H                     |
|                            | 10344                | -49.04          | -25              | -24.04                  | -76.47                  | -55.15                   | 4.77                       | 10.88                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5172                 | -58.83          | -25              | -33.83                  | -77.04                  | -68.13                   | 3.33                       | 12.63                       | V                     |
|                            | 7758                 | -53.51          | -25              | -28.51                  | -77.47                  | -61.27                   | 4.09                       | 11.85                       | V                     |
|                            | 10344                | -49.91          | -25              | -24.91                  | -76.49                  | -56.02                   | 4.77                       | 10.88                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Highest                    | 5202                 | -59.05          | -25              | -34.05                  | -76.85                  | -68.52                   | 3.34                       | 12.82                       | H                     |
|                            | 7803                 | -53.24          | -25              | -28.24                  | -76.75                  | -60.72                   | 4.11                       | 11.59                       | H                     |
|                            | 10404                | -49.32          | -25              | -24.32                  | -76.9                   | -55.14                   | 4.79                       | 10.61                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5202                 | -59.13          | -25              | -34.13                  | -77.42                  | -68.60                   | 3.34                       | 12.82                       | V                     |
|                            | 7803                 | -52.98          | -25              | -27.98                  | -76.97                  | -60.46                   | 4.11                       | 11.59                       | V                     |
|                            | 10404                | -50.38          | -25              | -25.38                  | -77                     | -56.20                   | 4.79                       | 10.61                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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

**LTE Band 38C**

| LTE Band 38C / 20MHz+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) |
| Middle                            | 5190                 | -59.79          | -25              | -34.79                  | -77.55                  | -69.19                   | 3.34                       | 12.74                       | H                     |
|                                   | 7785                 | -53.14          | -25              | -28.14                  | -76.63                  | -60.73                   | 4.10                       | 11.69                       | H                     |
|                                   | 10380                | -49.15          | -25              | -24.15                  | -76.67                  | -55.07                   | 4.78                       | 10.70                       | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   | 5190                 | -58.58          | -25              | -33.58                  | -76.84                  | -67.98                   | 3.34                       | 12.74                       | V                     |
|                                   | 7785                 | -52.90          | -25              | -27.90                  | -76.88                  | -60.49                   | 4.10                       | 11.69                       | V                     |
|                                   | 10380                | -50.09          | -25              | -25.09                  | -76.69                  | -56.01                   | 4.78                       | 10.70                       | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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

**LTE Band 12**

| LTE Band 12 / 10MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<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                     | 1400                 | -63.91         | -13.00           | -50.91                  | -70.49                  | -66.97                   | 1.69                       | 6.90                        | H                     |
|                            | 2096                 | -56.61         | -13.00           | -43.61                  | -65.26                  | -61.92                   | 2.07                       | 9.53                        | H                     |
|                            | 2798                 | -62.80         | -13.00           | -49.80                  | -74.44                  | -69.45                   | 2.39                       | 11.19                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1400                 | -63.80         | -13.00           | -50.80                  | -70.57                  | -66.86                   | 1.69                       | 6.90                        | V                     |
|                            | 2096                 | -60.90         | -13.00           | -47.90                  | -70.01                  | -66.21                   | 2.07                       | 9.53                        | V                     |
|                            | 2798                 | -62.71         | -13.00           | -49.71                  | -74.61                  | -69.36                   | 2.39                       | 11.19                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1408                 | -60.66         | -13.00           | -47.66                  | -67.31                  | -63.78                   | 1.69                       | 6.96                        | H                     |
|                            | 2112                 | -59.31         | -13.00           | -46.31                  | -68.14                  | -64.46                   | 2.08                       | 9.38                        | H                     |
|                            | 2812                 | -63.50         | -13.00           | -50.50                  | -75.15                  | -70.15                   | 2.40                       | 11.20                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1408                 | -61.40         | -13.00           | -48.40                  | -68.20                  | -64.52                   | 1.69                       | 6.96                        | V                     |
|                            | 2112                 | -61.33         | -13.00           | -48.33                  | -70.66                  | -66.48                   | 2.08                       | 9.38                        | V                     |
|                            | 2812                 | -63.11         | -13.00           | -50.11                  | -75.05                  | -69.76                   | 2.40                       | 11.20                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Highest                    | 1416                 | -63.12         | -13.00           | -50.12                  | -69.83                  | -66.30                   | 1.70                       | 7.03                        | H                     |
|                            | 2119                 | -63.26         | -13.00           | -50.26                  | -72.17                  | -68.34                   | 2.08                       | 9.31                        | H                     |
|                            | 2826                 | -63.15         | -13.00           | -50.15                  | -74.80                  | -69.80                   | 2.40                       | 11.20                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1416                 | -62.53         | -13.00           | -49.53                  | -69.35                  | -65.71                   | 1.70                       | 7.03                        | V                     |
|                            | 2119                 | -63.18         | -13.00           | -50.18                  | -72.60                  | -68.26                   | 2.08                       | 9.31                        | V                     |
|                            | 2824                 | -62.52         | -13.00           | -49.52                  | -74.48                  | -69.17                   | 2.40                       | 11.20                       | 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<br>( MHz ) | ERP<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                    | 1552                 | -66.33         | -13              | -53.33                  | -73.11                  | -71.01                   | 1.78                       | 8.61                        | H                     |
|                           | 2328                 | -64.30         | -13              | -51.30                  | -74.30                  | -69.64                   | 2.18                       | 9.67                        | H                     |
|                           | 3104                 | -63.67         | -13              | -50.67                  | -76.00                  | -70.30                   | 2.53                       | 11.31                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1552                 | -66.17         | -13              | -53.17                  | -73.05                  | -70.85                   | 1.78                       | 8.61                        | V                     |
|                           | 2328                 | -63.78         | -13              | -50.78                  | -74.49                  | -69.12                   | 2.18                       | 9.67                        | V                     |
|                           | 3104                 | -63.02         | -13              | -50.02                  | -75.88                  | -69.65                   | 2.53                       | 11.31                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 1559                 | -65.95         | -42.15           | -23.80                  | -72.68                  | -70.67                   | 1.78                       | 8.65                        | H                     |
|                           | 2339                 | -64.81         | -13              | -51.81                  | -74.83                  | -70.21                   | 2.19                       | 9.73                        | H                     |
|                           | 3120                 | -62.38         | -13              | -49.38                  | -74.76                  | -69.03                   | 2.54                       | 11.34                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1559                 | -66.34         | -42.15           | -24.19                  | -73.20                  | -71.06                   | 1.78                       | 8.65                        | V                     |
|                           | 2339                 | -64.53         | -13              | -51.53                  | -75.26                  | -69.93                   | 2.19                       | 9.73                        | V                     |
|                           | 3120                 | -62.42         | -13              | -49.42                  | -75.33                  | -69.07                   | 2.54                       | 11.34                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Highest                   | 1564                 | -66.37         | -42.15           | -24.22                  | -73.06                  | -71.12                   | 1.79                       | 8.68                        | H                     |
|                           | 2347                 | -64.54         | -13              | -51.54                  | -74.57                  | -69.98                   | 2.19                       | 9.78                        | H                     |
|                           | 3128                 | -63.27         | -13              | -50.27                  | -75.70                  | -69.93                   | 2.54                       | 11.36                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1564                 | -65.95         | -42.15           | -23.80                  | -72.81                  | -70.70                   | 1.79                       | 8.68                        | V                     |
|                           | 2347                 | -60.35         | -13              | -47.35                  | -71.09                  | -65.79                   | 2.19                       | 9.78                        | V                     |
|                           | 3128                 | -62.91         | -13              | -49.91                  | -75.87                  | -69.57                   | 2.54                       | 11.36                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |

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



| LTE Band 13 / 10MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<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) |
| Middle                     | 1552                 | -60.34         | -13              | -47.34                  | -67.14                  | -65.02                   | 1.78                       | 8.61                        | H                     |
|                            | 2332                 | -64.55         | -13              | -51.55                  | -74.55                  | -69.91                   | 2.18                       | 9.69                        | H                     |
|                            | 3112                 | -63.68         | -13              | -50.68                  | -76.01                  | -70.32                   | 2.53                       | 11.32                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1552                 | -65.48         | -13              | -52.48                  | -72.36                  | -70.16                   | 1.78                       | 8.61                        | V                     |
|                            | 2332                 | -63.81         | -13              | -50.81                  | -74.52                  | -69.17                   | 2.18                       | 9.69                        | V                     |
|                            | 3112                 | -62.98         | -13              | -49.98                  | -75.85                  | -69.62                   | 2.53                       | 11.32                       | 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<br>( MHz ) | ERP<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                     | 1328                 | -65.31         | -13              | -52.31                  | -71.93                  | -70.13                   | 1.64                       | 6.46                        | H                     |
|                            | 1992                 | -57.41         | -13              | -44.41                  | -65.01                  | -65.28                   | 2.03                       | 9.90                        | H                     |
|                            | 2656                 | -55.01         | -13              | -42.01                  | -65.8                   | -63.48                   | 2.33                       | 10.80                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1328                 | -65.52         | -13              | -52.52                  | -72.13                  | -70.34                   | 1.64                       | 6.46                        | V                     |
|                            | 1992                 | -59.26         | -13              | -46.26                  | -67.12                  | -67.13                   | 2.03                       | 9.90                        | V                     |
|                            | 2656                 | -55.63         | -13              | -42.63                  | -66.98                  | -64.10                   | 2.33                       | 10.80                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1352                 | -65.79         | -13              | -52.79                  | -72.41                  | -70.65                   | 1.66                       | 6.52                        | H                     |
|                            | 2024                 | -62.10         | -13              | -49.10                  | -69.97                  | -69.96                   | 2.04                       | 9.90                        | H                     |
|                            | 2696                 | -57.39         | -13              | -44.39                  | -68.42                  | -65.84                   | 2.35                       | 10.80                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1348                 | -65.87         | -13              | -52.87                  | -72.54                  | -70.71                   | 1.65                       | 6.50                        | V                     |
|                            | 2024                 | -62.97         | -13              | -49.97                  | -71.15                  | -70.83                   | 2.04                       | 9.90                        | V                     |
|                            | 2696                 | -57.84         | -13              | -44.84                  | -69.34                  | -66.29                   | 2.35                       | 10.80                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Highest                    | 1360                 | -64.42         | -13              | -51.42                  | -71.03                  | -69.34                   | 1.66                       | 6.58                        | H                     |
|                            | 2040                 | -61.16         | -13              | -48.16                  | -69.21                  | -69.01                   | 2.05                       | 9.90                        | H                     |
|                            | 2712                 | -55.95         | -13              | -42.95                  | -67.07                  | -64.44                   | 2.35                       | 10.85                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1360                 | -65.51         | -13              | -52.51                  | -72.2                   | -70.43                   | 1.66                       | 6.58                        | V                     |
|                            | 2037                 | -60.17         | -13              | -47.17                  | -68.52                  | -68.02                   | 2.05                       | 9.90                        | V                     |
|                            | 2712                 | -58.31         | -13              | -45.31                  | -69.87                  | -66.80                   | 2.35                       | 10.85                       | 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<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                     | 4994                 | -59.51          | -25              | -34.51                  | -76.52                  | -68.85                   | 3.27                       | 12.61                       | H                     |
|                            | 7491                 | -54.10          | -25              | -29.10                  | -77.89                  | -61.28                   | 4.00                       | 11.18                       | H                     |
|                            | 9988                 | -49.77          | -25              | -24.77                  | -76.35                  | -56.28                   | 4.67                       | 11.18                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 4994                 | -56.65          | -25              | -31.65                  | -74.34                  | -65.99                   | 3.27                       | 12.61                       | V                     |
|                            | 7491                 | -53.62          | -25              | -28.62                  | -77.78                  | -60.80                   | 4.00                       | 11.18                       | V                     |
|                            | 9988                 | -50.27          | -25              | -25.27                  | -76.6                   | -56.78                   | 4.67                       | 11.18                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 5168                 | -59.30          | -25              | -34.30                  | -76.97                  | -68.58                   | 3.33                       | 12.61                       | H                     |
|                            | 7752                 | -53.94          | -25              | -28.94                  | -77.39                  | -61.74                   | 4.09                       | 11.89                       | H                     |
|                            | 10336                | -49.06          | -25              | -24.06                  | -76.47                  | -55.21                   | 4.77                       | 10.92                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5168                 | -56.99          | -25              | -31.99                  | -75.18                  | -66.27                   | 3.33                       | 12.61                       | V                     |
|                            | 7752                 | -53.10          | -25              | -28.10                  | -77.05                  | -60.90                   | 4.09                       | 11.89                       | V                     |
|                            | 10336                | -49.81          | -25              | -24.81                  | -76.38                  | -55.96                   | 4.77                       | 10.92                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Highest                    | 5342                 | -53.55          | -25              | -28.55                  | -71.36                  | -63.64                   | 3.39                       | 13.48                       | H                     |
|                            | 8013                 | -52.28          | -25              | -27.28                  | -76.47                  | -58.95                   | 4.18                       | 10.85                       | H                     |
|                            | 10684                | -49.15          | -25              | -24.15                  | -77                     | -55.36                   | 4.86                       | 11.07                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5342                 | -53.46          | -25              | -28.46                  | -71.52                  | -63.55                   | 3.39                       | 13.48                       | V                     |
|                            | 8013                 | -52.21          | -25              | -27.21                  | -76.53                  | -58.88                   | 4.18                       | 10.85                       | V                     |
|                            | 10684                | -49.76          | -25              | -24.76                  | -76.79                  | -55.97                   | 4.86                       | 11.07                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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

**LTE Band 41C**

| LTE Band 41C / 20MHz+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) |
| Middle                            | 5186                 | -59.53          | -25              | -34.53                  | -77.27                  | -68.91                   | 3.34                       | 12.72                       | H                     |
|                                   | 7779                 | -53.48          | -25              | -28.48                  | -76.95                  | -61.11                   | 4.10                       | 11.73                       | H                     |
|                                   | 10372                | -48.99          | -25              | -23.99                  | -76.49                  | -54.95                   | 4.78                       | 10.74                       | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   | 5186                 | -58.42          | -25              | -33.42                  | -76.67                  | -67.80                   | 3.34                       | 12.72                       | V                     |
|                                   | 7779                 | -52.75          | -25              | -27.75                  | -76.72                  | -60.38                   | 4.10                       | 11.73                       | V                     |
|                                   | 10372                | -49.92          | -25              | -24.92                  | -76.52                  | -55.88                   | 4.78                       | 10.74                       | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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