



# FCC RADIO TEST REPORT

**FCC ID** : 2AJN7-TP00128B  
**Equipment** : Notebook Computer  
**Brand Name** : Lenovo  
**Model Name** : TP00128B  
**Applicant** : LC Future Center Limited Taiwan Branch  
7F., No.780, Beian Rd., Zhongshan Dist., Taipei 104, Taiwan  
**Manufacturer** : LCFC (HeFei) Electronics Technology Co., Ltd.  
No. 3188-1, Yungu Road (Hefei Export Processing Zone), Hefei  
Economics & Technology Development Area, Anhui, CHINA  
**Standard** : FCC 47 CFR Part 2, 22(H), 24(E), 27

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

The product was received on Sep. 06, 2021 and testing was started from Oct. 12, 2021 to Jan. 10, 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   |
|------------|---------|-------------------------|---------------|
| FG190605B  | 01      | Initial issue of report | Jan. 25, 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 |

| Report Clause | Ref Std. Clause                                                                                  | Test Items                                                                                                                              | Result (PASS/FAIL) | Remark                                     |
|---------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------|
| 4.2           | §2.1053<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (c)(2)<br>§27.53 (f)<br>§27.53 (g)<br>§27.53 (h) | Radiated Spurious Emission<br>(Band 2) (Band 4) (Band 5)<br>(Band 12) (Band 13) (Band 17)<br>(Band 25) (Band 26) (Band 66)<br>(Band 71) | Pass               | Under limit<br>12.63 dB at<br>1560.000 MHz |
|               | §2.1051<br>§27.53 (m)(4)                                                                         | Radiated Spurious Emission<br>(Band 7) (Band 38) (Band 41)                                                                              |                    |                                            |

**Note:**

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

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**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: Lucy Wu**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature                 |                           |
|---------------------------------|---------------------------|
| Equipment                       | Notebook Computer         |
| Brand Name                      | Lenovo                    |
| Model Name                      | TP00128B                  |
| FCC ID                          | 2AJN7-TP00128B            |
| Sample 1                        | EUT with Amphenol Antenna |
| Sample 2                        | EUT with JYT/NVC Antenna  |
| EUT supports Radios application | WCDMA/HSPA/LTE/5G NR/GNSS |
| EUT Stage                       | Production Unit           |

**Remark:**

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

| WWAN Antenna Information |              |                 |                 |                                                                                                                                                                                                                                                                                                     |
|--------------------------|--------------|-----------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main Antenna             | Manufacturer | Amphenol        | Peak gain (dBi) | LTE Band 2 : 0.50<br>LTE Band 4 : 0.95<br>LTE Band 5 : -0.43<br>LTE Band 7 : 0.36<br>LTE Band 12 : -1.66<br>LTE Band 13 : -1.44<br>LTE Band 17 : -1.59<br>LTE Band 25 : 0.40<br>LTE Band 26 : -0.43<br>LTE Band 38 : 0.76<br>LTE Band 41 : 1.62<br>LTE Band 66 : 0.80<br>LTE Band 71 : -1.91        |
|                          | Part number  | TKC114-16-000-C | Type            | PIFA                                                                                                                                                                                                                                                                                                |
|                          | Manufacturer | JYT/NVC         | Peak gain (dBi) | LTE Band 2 : -1.83<br>LTE Band 4 : -1.18<br>LTE Band 5 : -2.02<br>LTE Band 7 : -4.23<br>LTE Band 12 : -3.81<br>LTE Band 13 : -3.29<br>LTE Band 17 : -3.56<br>LTE Band 25 : -1.67<br>LTE Band 26 : -2.02<br>LTE Band 38 : -5.78<br>LTE Band 41 : -4.12<br>LTE Band 66 : -1.21<br>LTE Band 71 : -4.43 |
|                          | Part number  | JYAAE0154HR     | Type            | PIFA                                                                                                                                                                                                                                                                                                |
| MIMO 2 Antenna           | Manufacturer | Amphenol        | Peak gain (dBi) | LTE Band 2 : 0.60<br>LTE Band 4 : 1.00<br>LTE Band 7 : 1.51<br>LTE Band 25 : 0.60<br>LTE Band 38 : 0.96<br>LTE Band 41 : 1.52<br>LTE Band 66 : 1.00                                                                                                                                                 |
|                          | Part number  | TKC113-16-000-C | Type            | PIFA                                                                                                                                                                                                                                                                                                |
|                          | Manufacturer | JYT/NVC         | Peak gain (dBi) | LTE Band 2 : -1.31<br>LTE Band 4 : -3.23<br>LTE Band 7 : -1.80<br>LTE Band 25 : -1.18<br>LTE Band 38 : -1.92<br>LTE Band 41 : -1.69<br>LTE Band 66 : -3.21                                                                                                                                          |
|                          | Part number  | JYAAE0155HR     | Type            | PIFA                                                                                                                                                                                                                                                                                                |

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



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

## 1.2 Product Specification of Equipment Under Test

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

| Product Specification is subject to this standard |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum Output Power to Antenna                   | <b>&lt;Main Antenna&gt;</b><br>LTE Band 2 : 22.46 dBm<br>LTE Band 4 : 22.46 dBm<br>LTE Band 5 : 23.67 dBm<br>LTE Band 5B : 22.99 dBm<br>LTE Band 7 : 22.58 dBm<br>LTE Band 7C : 21.74 dBm<br>LTE Band 12 : 24.02 dBm<br>LTE Band 13 : 23.67 dBm<br>LTE Band 17 : 23.86 dBm<br>LTE Band 25 : 22.46 dBm<br>LTE Band 26 : 23.70 dBm<br>LTE Band 38 : 23.39 dBm<br>LTE Band 38C : 21.70 dBm<br>LTE Band 41 : 21.86 dBm<br>LTE Band 41 : 24.81 dBm for HPUE<br>LTE Band 41C : 20.36 dBm<br>LTE Band 66 : 22.86 dBm<br>LTE Band 66B : 22.66 dBm<br>LTE Band 66C : 22.28 dBm<br>LTE Band 71 : 23.81 dBm<br><b>&lt;MIMO 2 Antenna&gt;</b><br>LTE Band 2 : 22.77 dBm<br>LTE Band 4 : 22.89 dBm<br>LTE Band 7 : 22.91 dBm<br>LTE Band 7C : 22.41 dBm<br>LTE Band 25 : 22.78 dBm<br>LTE Band 38 : 22.67 dBm<br>LTE Band 38C : 22.32 dBm<br>LTE Band 41 : 26.40 dBm for HPUE<br>LTE Band 41C : 21.90 dBm<br>LTE Band 41C : 26.32 dBm for HPUE<br>LTE Band 66 : 22.90 dBm<br>LTE Band 66B : 22.41 dBm<br>LTE Band 66C : 22.51 dBm |
|                                                   | <b>Type of Modulation</b><br>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         | Benjamin Lin                                                                                                 |
| Temperature (°C )     | 23.5~25                                                                                                      |
| Relative Humidity (%) | 49.4~52                                                                                                      |
| 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>                                                      |
|                       | 03CH12-HY                                                                    |
| Test Engineer         | Jack Cheng, Lance Chiang and Chuan Chu                                       |
| Temperature (°C )     | 21.6~26.2                                                                    |
| Relative Humidity (%) | 56~68                                                                        |

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

FCC Designation No.: TW1190 and TW3786

## 1.5 Applicable Standards

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

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

**Remark:**

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



## 2 Test Configuration of Equipment Under Test

### 2.1 Test Mode

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

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in Tablet Type (three orthogonal axis (X: flat, Y: portrait, Z: landscape)) and Notebook Type, and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find **<Main Antenna>**: X Plane with accessory for LTE Band 38, 41\_HPUE, 66C; X Plane without accessory for LTE Band 41C\_HPUE,66; Y Plane with accessory for LTE Band 7, 7C, 12, 13; Y Plane without accessory for LTE Band 5B, 26, 66B; Z Plane with accessory for LTE Band 25; Notebook Type with accessory for LTE Band 71; **<MIMO 2 Antenna>**: Y Plane with accessory for LTE Band 7C, 66, 66B; Y Plane without accessory for LTE Band 25, 38, 41\_HPUE; Z Plane with accessory for LTE Band 41C\_HPUE, 66C; Notebook type with accessory for LTE Band 7 as worst plane.

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



| Test Items                       | Band                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Bandwidth (MHz)    |   |   |    |    |    | Modulation |       |       |        | RB #       |      |      | Test Channel |   |   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---|---|----|----|----|------------|-------|-------|--------|------------|------|------|--------------|---|---|
|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.4                | 3 | 5 | 10 | 15 | 20 | QPSK       | 16QAM | 64QAM | 256QAM | 1          | Half | Full | L            | M | H |
| E.R.P /<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     |        |            |      |      |              |   |   |
|                                  | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                  | - | v | v  | v  | v  | v          | v     | v     | v      |            |      |      |              |   |   |
|                                  | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | v                  | v | v | v  | -  | -  | v          | v     | v     |        |            |      |      |              |   |   |
|                                  | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                  | - | v | v  | -  | -  | v          | v     | v     |        |            |      |      |              |   |   |
|                                  | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                  | - | v | v  | -  | -  | v          | v     | v     |        |            |      |      |              |   |   |
|                                  | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | v                  | v | v | v  | v  | v  | v          | v     | v     | v      |            |      |      |              |   |   |
|                                  | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 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     |        |            |      |      |              |   |   |
| Radiated<br>Spurious<br>Emission | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Covered by Band 25 |   |   |    |    |    |            |       |       |        |            |      |      |              |   |   |
|                                  | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Covered by Band 66 |   |   |    |    |    |            |       |       |        |            |      |      |              |   |   |
|                                  | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Covered by Band 26 |   |   |    |    |    |            |       |       |        |            |      |      |              |   |   |
|                                  | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                  | - |   |    |    | v  | v          |       |       |        | v          |      |      | v            | v | v |
|                                  | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |   |   | v  | -  | -  | v          |       |       |        | v          |      |      | v            | v | v |
|                                  | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                  | - | v | v  | -  | -  | v          |       |       |        | v          |      |      | v            | v | v |
|                                  | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Covered by Band 12 |   |   |    |    |    |            |       |       |        |            |      |      |              |   |   |
|                                  | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |   |   |    |    | v  | v          |       |       |        | v          |      |      | v            | v | v |
|                                  | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |   |   |    | v  | -  | v          |       |       |        | v          |      |      | v            | v | v |
|                                  | 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                  | - |   |    |    | v  | v          |       |       |        | v          |      |      | v            | v | v |
|                                  | 41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                  | - |   |    |    | v  | v          |       |       |        | v          |      |      | v            | v | v |
|                                  | 66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |   |   |    |    | v  | v          |       |       |        | v          |      |      | v            | v | v |
|                                  | 71                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                  | - |   |    |    | v  | v          |       |       |        | v          |      |      | v            | v | v |
| Remark                           | 1. The mark "v " means that this configuration is chosen for testing<br>2. The mark "- " means that this bandwidth is not supported.<br>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.<br>4. Wider operating range bandwidth covers narrower one when the power is higher or the same.<br>5. For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation (QPSK/16QAM/64QAM), therefore, for Normal Mode, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report.<br>6. All the radiated test cases were performed with Sample 1. |                    |   |   |    |    |    |            |       |       |        |            |      |      |              |   |   |

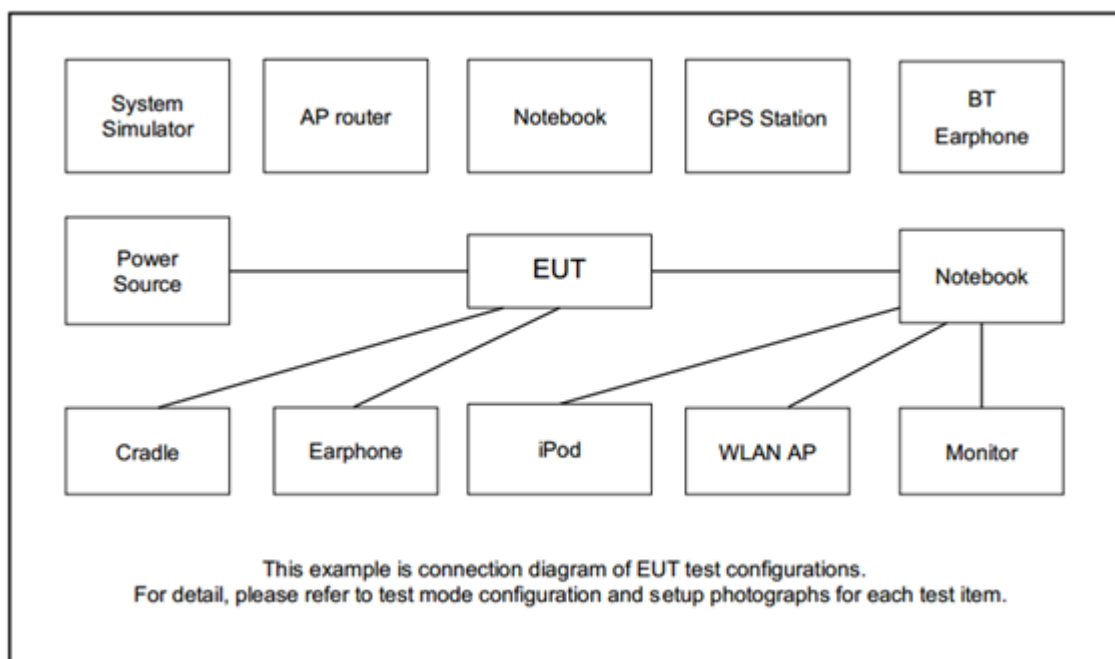


| Test Items                 | Band                                                                                                                                                                                                                                                                         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

| Test Items                 | Band                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Bandwidth (MHz) |      |      |      |      |       | Modulation |       |       |        | RB #       |      |      | Test Channel |   |   |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|------|------|------|-------|------------|-------|-------|--------|------------|------|------|--------------|---|---|
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5+5             | 5+10 | 10+5 | 5+15 | 15+5 | 10+10 | QPSK       | 16QAM | 64QAM | 256QAM | 1          | Half | Full | L            | M | H |
| Max. Output Power          | 66B_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |      |      |      | v    |       | v          | v     | v     |        | v          |      |      | v            | v | v |
| E.I.R.P.                   | 66B_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |      |      |      | v    |       | v          | v     | v     |        | Max. Power |      |      |              |   |   |
| Radiated Spurious Emission | 66B_CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |      |      |      |      | v     | v          |       |       |        | v          |      |      | v            | v | v |
| Remark                     | <ol style="list-style-type: none"> <li>The mark "v" means that this configuration is chosen for testing</li> <li>The mark "-" means that this bandwidth is not supported.</li> <li>The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.</li> <li>For modulation of 256QAM, the maximum power of 256QAM is lower than other modulation (QPSK/16QAM/64QAM), therefore, according to engineering evaluation, we choose higher power (QPSK/16QAM/64QAM) to perform all tests and show in the report.</li> <li>All the radiated test cases were performed with Sample 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    | MT8821C   | N/A          | N/A               | Unshielded, 1.8 m |
| 2.   | 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 |
| 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 |
| 15 + 5                                     | PCC                    | Channel   | 132047 | 132398 | 132549  |
|                                            |                        | Frequency | 1717.5 | 1752.6 | 1767.7  |
|                                            | SCC                    | Channel   | 132140 | 133391 | 132642  |
|                                            |                        | Frequency | 1726.8 | 1761.9 | 1777.0  |
| 10 + 10                                    | PCC                    | Channel   | 132022 | 132373 | 135523  |
|                                            |                        | Frequency | 1715.0 | 1750.1 | 1765.1  |
|                                            | SCC                    | Channel   | 132121 | 133372 | 132622  |
|                                            |                        | Frequency | 1724.9 | 1760.0 | 1775.0  |



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

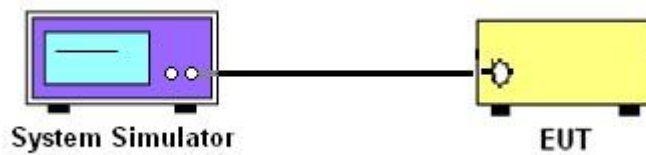
### 3 Conducted Test Items

#### 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, Band 13, Band 17 and Band 71

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2, Band 25, Band 7, 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.

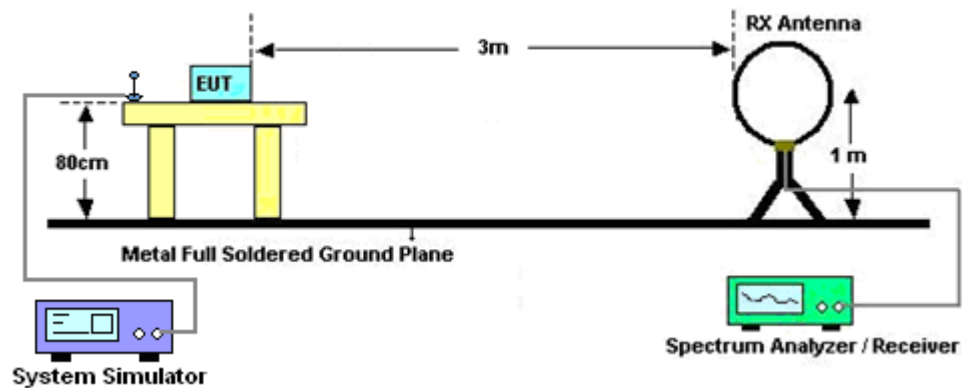
## 4 Radiated Test Items

### 4.1 Measuring Instruments

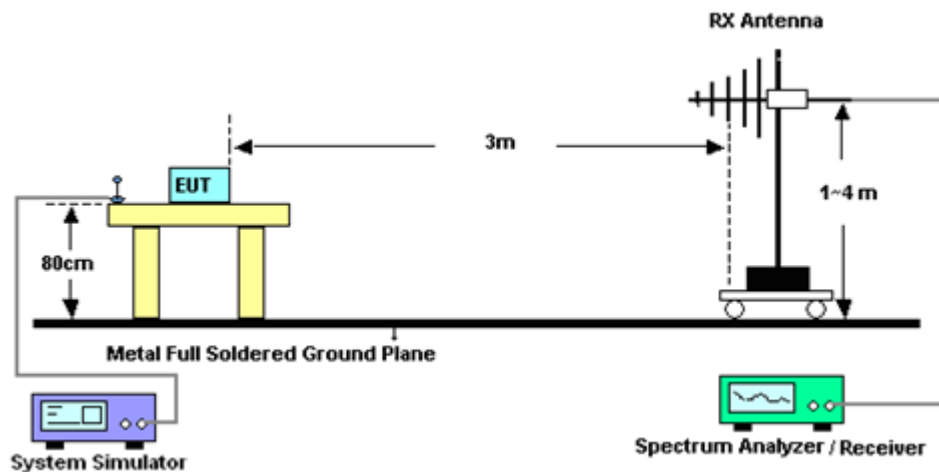
See list of measuring instruments of this test report.

#### 4.1.1 Test Setup

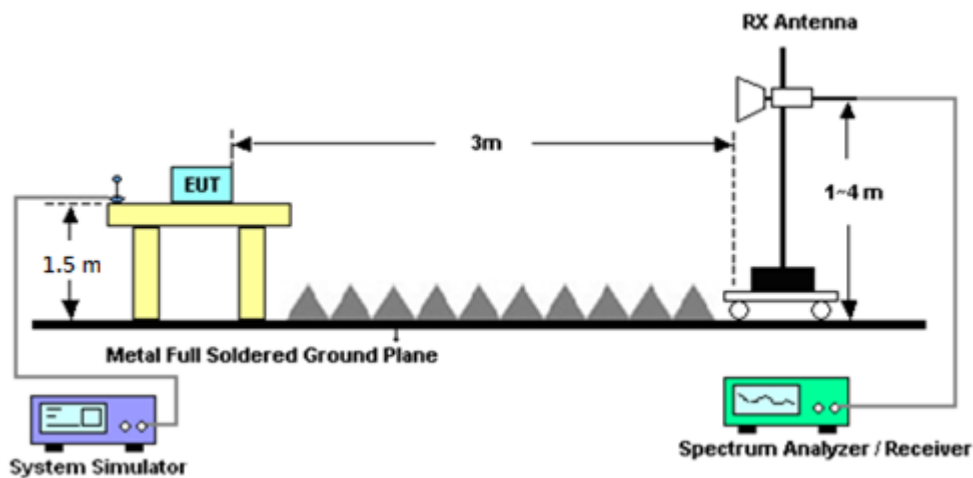
For radiated test below 30MHz



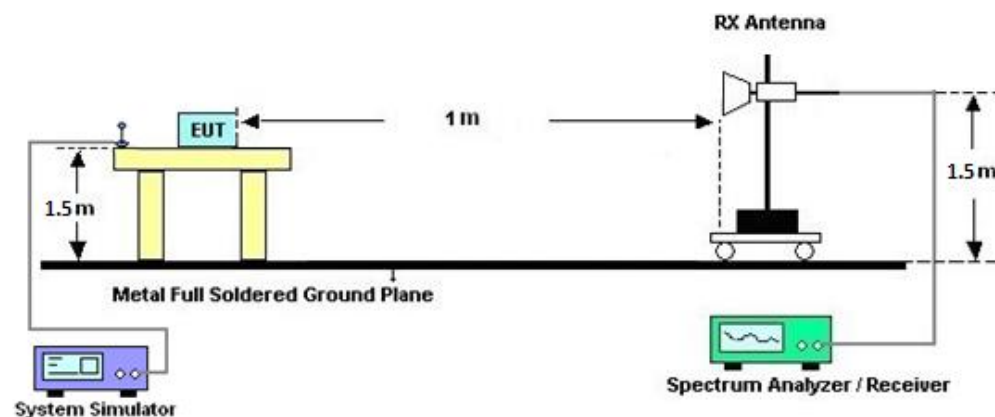
For radiated test from 30MHz to 1GHz



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                |
|------------------------|------------------------|--------------------------------|------------------|-----------------|------------------|---------------------------------|---------------|-----------------------|
| Base Station (Measure) | Anritsu                | MT8821C                        | 6262025341       | N/A             | Oct. 05, 2021    | Oct. 12, 2021~<br>Jan. 10, 2022 | Oct. 04, 2022 | Conducted (TH03-HY)   |
| Loop Antenna           | Rohde & Schwarz        | HFH2-Z2                        | 100315           | 9 kHz~30 MHz    | Jan. 04, 2021    | Oct. 14, 2021~<br>Nov. 13, 2021 | Jan. 03, 2022 | Radiation (03CH12-HY) |
| Loop Antenna           | Rohde & Schwarz        | HFH2-Z2                        | 100488           | 9 kHz~30 MHz    | Sep. 07, 2021    | Dec. 28, 2021~<br>Jan. 08, 2022 | Sep. 06, 2022 | Radiation (03CH12-HY) |
| Bilog Antenna          | TESEQ                  | CCBL 6111D &<br>00800N1D01N-06 | 41912 & 05       | 30MHz~1GHz      | Feb. 08, 2021    | Oct. 14, 2021~<br>Jan. 08, 2022 | Feb. 07, 2022 | Radiation (03CH12-HY) |
| Bilog Antenna          | TESEQ                  | CCBL 6111D &<br>00800N1D01N-06 | 40103 & 07       | 30MHz~1GHz      | Apr. 28, 2021    | Oct. 14, 2021~<br>Jan. 08, 2022 | Apr. 27, 2022 | Radiation (03CH12-HY) |
| Horn Antenna           | SCHWARZBECK            | BBHA 9120 D                    | 9120D-1328       | 1GHz~18GHz      | Nov. 23, 2020    | Oct. 14, 2021~<br>Nov. 13, 2021 | Nov. 22, 2021 | Radiation (03CH12-HY) |
| Horn Antenna           | SCHWARZBECK            | BBHA 9120 D                    | 9120D-1328       | 1GHz~18GHz      | Dec. 03, 2021    | Dec. 28, 2021~<br>Jan. 08, 2022 | Dec. 02, 2022 | Radiation (03CH12-HY) |
| Horn Antenna           | SCHWARZBECK            | BBHA 9120 D                    | 9120D-1212       | 1GHz~18GHz      | May 18, 2021     | Oct. 14, 2021~<br>Jan. 08, 2022 | May 17, 2022  | Radiation (03CH12-HY) |
| SHF-EHF Horn Antenna   | SCHWARZBECK            | BBHA 9170                      | 00993            | 18GHz~40GHz     | Nov. 19, 2020    | Oct. 14, 2021~<br>Nov. 13, 2021 | Nov. 18, 2021 | Radiation (03CH12-HY) |
| SHF-EHF Horn Antenna   | SCHWARZBECK            | BBHA 9170                      | 00993            | 18GHz~40GHz     | Nov. 30, 2021    | Dec. 28, 2021~<br>Jan. 08, 2022 | Nov. 29, 2022 | Radiation (03CH12-HY) |
| SHF-EHF Horn Antenna   | SCHWARZBECK            | BBHA 9170                      | BBHA9170576      | 18GHz~40GHz     | May 21, 2021     | Oct. 14, 2021~<br>Jan. 08, 2022 | May 20, 2022  | Radiation (03CH12-HY) |
| Preamplifier           | COM-POWER              | PA-103                         | 161075           | 10MHz~1GHz      | Mar. 24, 2021    | Oct. 14, 2021~<br>Jan. 08, 2022 | Mar. 23, 2022 | Radiation (03CH12-HY) |
| Preamplifier           | Agilent                | 8449B                          | 3008A02375       | 1GHz~26.5GHz    | May 25, 2021     | Oct. 14, 2021~<br>Jan. 08, 2022 | May 24, 2022  | Radiation (03CH12-HY) |
| Preamplifier           | JPA0118-55-303K        | JPA0118-55-303K                | 1710001800054002 | 1GHz-18GHz      | Jun. 16, 2021    | Oct. 14, 2021~<br>Nov. 13, 2021 | Jun. 15, 2022 | Radiation (03CH12-HY) |
| Preamplifier           | EMEC                   | EM18G40G                       | 060715           | 18GHz~40GHz     | Dec. 11, 2020    | Oct. 14, 2021~<br>Nov. 13, 2021 | Dec. 10, 2021 | Radiation (03CH12-HY) |
| Preamplifier           | E-INSTRUMENT TECH LTD. | ERA-100M-18G-56-01-A70         | EC1900249        | 1GHz-18GHz      | Dec. 22, 2021    | Dec. 28, 2021~<br>Jan. 08, 2022 | Dec. 21, 2022 | Radiation (03CH12-HY) |
| Preamplifier           | EMEC                   | EM18G40G                       | 060801           | 18GHz~40GHz     | Jun. 22, 2021    | Dec. 28, 2021~<br>Jan. 08, 2022 | Jun. 21, 2022 | Radiation (03CH12-HY) |
| Spectrum Analyzer      | Agilent                | N9010A                         | MY53470118       | 10Hz~44GHz      | Jan. 15, 2021    | Oct. 14, 2021~<br>Jan. 08, 2022 | Jan. 14, 2022 | Radiation (03CH12-HY) |
| RF Cable               | HUBER + SUHNER         | SUCOFLEX 104                   | MY9837/4PE       | 9kHz~30MHz      | Mar. 11, 2021    | Oct. 14, 2021~<br>Jan. 08, 2022 | Mar. 10, 2022 | Radiation (03CH12-HY) |
| RF Cable               | HUBER + SUHNER         | SUCOFLEX 126E                  | 0058/126E        | 30MHz~18GHz     | Dec. 11, 2020    | Oct. 14, 2021~<br>Nov. 13, 2021 | Dec. 10, 2021 | Radiation (03CH12-HY) |
| RF Cable               | HUBER + SUHNER         | SUCOFLEX 126E                  | 0058/126E        | 30MHz~18GHz     | Dec. 10, 2021    | Dec. 28, 2021~<br>Jan. 08, 2022 | Dec. 09, 2022 | Radiation (03CH12-HY) |
| RF Cable               | HUBER + SUHNER         | SUCOFLEX 102                   | 505134/2         | 30MHz~40GHz     | Feb. 22, 2021    | Oct. 14, 2021~<br>Jan. 08, 2022 | Feb. 21, 2022 | Radiation (03CH12-HY) |
| RF Cable               | HUBER + SUHNER         | SUCOFLEX 102                   | 800740/2         | 30MHz~40GHz     | Feb. 22, 2021    | Oct. 14, 2021~<br>Jan. 08, 2022 | Feb. 21, 2022 | Radiation (03CH12-HY) |
| Antenna Mast           | EMEC                   | AM-BS-4500-B                   | N/A              | 1m~4m           | N/A              | Oct. 14, 2021~<br>Jan. 08, 2022 | N/A           | Radiation (03CH12-HY) |
| Turn Table             | EMEC                   | TT2000                         | N/A              | 0~360 Degree    | N/A              | Oct. 14, 2021~<br>Jan. 08, 2022 | N/A           | Radiation (03CH12-HY) |
| Software               | Audix                  | E3 6.2009-8-24                 | RK-000989        | N/A             | N/A              | Oct. 14, 2021~<br>Jan. 08, 2022 | N/A           | Radiation (03CH12-HY) |



| Instrument | Brand Name | Model No.                            | Serial No. | Characteristics             | Calibration Date | Test Date                       | Due Date      | Remark                   |
|------------|------------|--------------------------------------|------------|-----------------------------|------------------|---------------------------------|---------------|--------------------------|
| Filter     | Wainwright | WLKS1200-12<br>SS                    | SN2        | 1.2GHz Low<br>Pass Filter   | Mar. 17, 2021    | Oct. 14, 2021~<br>Jan. 08, 2022 | Mar. 16, 2022 | Radiation<br>(03CH12-HY) |
| Filter     | Wainwright | WHKX12-2700<br>-3000-18000-6<br>0ST  | SN2        | 3GHz High Pass<br>Filter    | Jul. 12, 2021    | Oct. 14, 2021~<br>Jan. 08, 2022 | Jul. 11, 2022 | Radiation<br>(03CH12-HY) |
| Filter     | Wainwright | WHKX8-5872.<br>5-6750-18000-<br>40ST | SN2        | 6.75GHz High<br>Pass Filter | Mar. 17, 2021    | Oct. 14, 2021~<br>Jan. 08, 2022 | Mar. 16, 2022 | Radiation<br>(03CH12-HY) |



## 6 Uncertainty of Evaluation

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

|                                                                          |         |
|--------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 3.10 dB |
|--------------------------------------------------------------------------|---------|

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

|                                                                          |         |
|--------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 3.39 dB |
|--------------------------------------------------------------------------|---------|

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

|                                                                          |         |
|--------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 4.34 dB |
|--------------------------------------------------------------------------|---------|



## Appendix A. Test Results of Conducted Test

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

<Main Antenna>

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.5 dB) |           |           |        |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                        | 1         | 0         | QPSK   | 22.39  | 22.42  | 22.43   | 22.96      | 0.1977   |
| 20                                                        | 1         | 49        |        | 22.46  | 22.38  | 22.33   |            |          |
| 20                                                        | 1         | 99        |        | 22.34  | 22.36  | 22.40   |            |          |
| 20                                                        | 50        | 0         |        | 21.60  | 21.49  | 21.47   |            |          |
| 20                                                        | 50        | 24        |        | 21.54  | 21.46  | 21.45   |            |          |
| 20                                                        | 50        | 50        |        | 21.50  | 21.37  | 21.29   |            |          |
| 20                                                        | 100       | 0         |        | 21.55  | 21.54  | 21.31   |            |          |
| 20                                                        | 1         | 0         | 16-QAM | 21.79  | 21.68  | 21.93   | 22.43      | 0.1750   |
| 20                                                        | 1         | 0         | 64-QAM | 20.73  | 20.71  | 20.64   | 21.23      | 0.1327   |
| Limit                                                     | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.5 dB) |           |           |        |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                        | 1         | 0         | QPSK   | 22.39  | 22.41  | 22.26   | 22.91      | 0.1954   |
| 15                                                        | 1         | 0         | 16-QAM | 21.90  | 22.00  | 21.61   | 22.50      | 0.1778   |
| 15                                                        | 1         | 0         | 64-QAM | 20.48  | 20.77  | 20.59   | 21.27      | 0.1340   |
| Limit                                                     | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.5 dB) |           |           |        |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                        | 1         | 0         | QPSK   | 22.41  | 22.43  | 22.29   | 22.93      | 0.1963   |
| 10                                                        | 1         | 0         | 16-QAM | 21.64  | 22.00  | 21.73   | 22.50      | 0.1778   |
| 10                                                        | 1         | 0         | 64-QAM | 20.53  | 20.29  | 20.21   | 21.03      | 0.1268   |
| Limit                                                     | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.5 dB) |           |           |        |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                         | 1         | 0         | QPSK   | 22.38  | 22.30  | 22.27   | 22.88      | 0.1941   |
| 5                                                         | 1         | 0         | 16-QAM | 21.62  | 21.64  | 21.74   | 22.24      | 0.1675   |
| 5                                                         | 1         | 0         | 64-QAM | 20.75  | 20.65  | 20.57   | 21.25      | 0.1334   |
| Limit                                                     | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.5 dB) |           |           |        |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                         | 1         | 0         | QPSK   | 22.34  | 22.37  | 22.14   | 22.87      | 0.1936   |
| 3                                                         | 1         | 0         | 16-QAM | 21.47  | 22.07  | 21.43   | 22.57      | 0.1807   |
| 3                                                         | 1         | 0         | 64-QAM | 20.75  | 20.72  | 20.51   | 21.25      | 0.1334   |
| Limit                                                     | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.5 dB) |           |           |        |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                       | 1         | 0         | QPSK   | 22.30  | 22.20  | 22.05   | 22.80      | 0.1905   |
| 1.4                                                       | 1         | 0         | 16-QAM | 21.16  | 21.71  | 21.20   | 22.21      | 0.1663   |
| 1.4                                                       | 1         | 0         | 64-QAM | 20.49  | 20.51  | 20.29   | 21.01      | 0.1262   |
| Limit                                                     | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.4 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                         | 1         | 0         | QPSK   | 22.42  | 22.46  | 22.35   | 22.86      | 0.1932   |
| 20                                                         | 1         | 49        |        | 22.40  | 22.36  | 22.32   |            |          |
| 20                                                         | 1         | 99        |        | 22.17  | 22.20  | 22.10   |            |          |
| 20                                                         | 50        | 0         |        | 21.54  | 21.56  | 21.36   |            |          |
| 20                                                         | 50        | 24        |        | 21.46  | 21.40  | 21.34   |            |          |
| 20                                                         | 50        | 50        |        | 21.44  | 21.35  | 21.20   |            |          |
| 20                                                         | 100       | 0         |        | 21.38  | 21.40  | 21.26   |            |          |
| 20                                                         | 1         | 0         | 16-QAM | 21.47  | 21.42  | 21.46   | 21.87      | 0.1538   |
| 20                                                         | 1         | 0         | 64-QAM | 20.40  | 20.43  | 20.31   | 20.83      | 0.1211   |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.4 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                         | 1         | 0         | QPSK   | 22.31  | 22.45  | 22.25   | 22.85      | 0.1928   |
| 15                                                         | 1         | 0         | 16-QAM | 21.68  | 21.81  | 21.42   | 22.21      | 0.1663   |
| 15                                                         | 1         | 0         | 64-QAM | 20.64  | 20.62  | 20.41   | 21.04      | 0.1271   |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.4 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                         | 1         | 0         | QPSK   | 22.34  | 22.42  | 22.20   | 22.82      | 0.1914   |
| 10                                                         | 1         | 0         | 16-QAM | 21.38  | 21.37  | 21.50   | 21.90      | 0.1549   |
| 10                                                         | 1         | 0         | 64-QAM | 20.64  | 20.48  | 20.61   | 21.04      | 0.1271   |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.4 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                          | 1         | 0         | QPSK   | 22.41  | 22.45  | 22.19   | 22.85      | 0.1928   |
| 5                                                          | 1         | 0         | 16-QAM | 21.53  | 21.84  | 21.48   | 22.24      | 0.1675   |
| 5                                                          | 1         | 0         | 64-QAM | 20.61  | 20.52  | 20.44   | 21.01      | 0.1262   |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.4 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                          | 1         | 0         | QPSK   | 22.36  | 22.44  | 22.24   | 22.84      | 0.1923   |
| 3                                                          | 1         | 0         | 16-QAM | 21.79  | 21.47  | 21.61   | 22.19      | 0.1656   |
| 3                                                          | 1         | 0         | 64-QAM | 20.24  | 20.48  | 20.45   | 20.88      | 0.1225   |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.4 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                        | 1         | 0         | QPSK   | 22.17  | 22.26  | 22.06   | 22.66      | 0.1845   |
| 1.4                                                        | 1         | 0         | 16-QAM | 21.71  | 21.69  | 21.42   | 22.11      | 0.1626   |
| 1.4                                                        | 1         | 0         | 64-QAM | 20.58  | 20.72  | 20.26   | 21.12      | 0.1294   |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.95 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                         | 1         | 0         | QPSK   | 22.20  | 22.25  | 22.37   | 23.41      | 0.2193   |
| 20                                                         | 1         | 49        |        | 22.23  | 22.32  | 22.46   |            |          |
| 20                                                         | 1         | 99        |        | 22.13  | 22.20  | 22.30   |            |          |
| 20                                                         | 50        | 0         |        | 21.24  | 21.38  | 21.40   |            |          |
| 20                                                         | 50        | 24        |        | 21.37  | 21.39  | 21.45   |            |          |
| 20                                                         | 50        | 50        |        | 21.27  | 21.38  | 21.44   |            |          |
| 20                                                         | 100       | 0         |        | 21.25  | 21.34  | 21.43   |            |          |
| 20                                                         | 1         | 0         | 16-QAM | 21.39  | 21.82  | 21.59   | 22.77      | 0.1892   |
| 20                                                         | 1         | 0         | 64-QAM | 20.48  | 20.15  | 20.34   | 21.43      | 0.1390   |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.95 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                         | 1         | 0         | QPSK   | 22.26  | 22.32  | 22.37   | 23.32      | 0.2148   |
| 15                                                         | 1         | 0         | 16-QAM | 21.41  | 21.53  | 21.61   | 22.56      | 0.1803   |
| 15                                                         | 1         | 0         | 64-QAM | 20.52  | 20.58  | 20.63   | 21.58      | 0.1439   |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.95 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                         | 1         | 0         | QPSK   | 22.32  | 22.43  | 22.38   | 23.38      | 0.2178   |
| 10                                                         | 1         | 0         | 16-QAM | 21.45  | 21.61  | 21.63   | 22.58      | 0.1811   |
| 10                                                         | 1         | 0         | 64-QAM | 20.32  | 20.65  | 20.61   | 21.60      | 0.1445   |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.95 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                          | 1         | 0         | QPSK   | 22.31  | 22.36  | 22.35   | 23.31      | 0.2143   |
| 5                                                          | 1         | 0         | 16-QAM | 21.36  | 21.48  | 21.79   | 22.74      | 0.1879   |
| 5                                                          | 1         | 0         | 64-QAM | 20.52  | 20.61  | 20.18   | 21.56      | 0.1432   |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.95 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                          | 1         | 0         | QPSK   | 22.34  | 22.22  | 22.22   | 23.29      | 0.2133   |
| 3                                                          | 1         | 0         | 16-QAM | 21.31  | 21.46  | 21.91   | 22.86      | 0.1932   |
| 3                                                          | 1         | 0         | 64-QAM | 20.46  | 20.63  | 20.36   | 21.58      | 0.1439   |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.95 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                        | 1         | 0         | QPSK   | 22.22  | 22.11  | 22.02   | 23.17      | 0.2075   |
| 1.4                                                        | 1         | 0         | 16-QAM | 21.42  | 21.28  | 21.88   | 22.83      | 0.1919   |
| 1.4                                                        | 1         | 0         | 64-QAM | 20.54  | 20.43  | 20.45   | 21.49      | 0.1409   |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |          |           |        |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                          | 1        | 0         | QPSK   | 23.65  | 23.55  | 23.67   | 21.09     | 0.1285  |
| 10                                                          | 1        | 25        |        | 23.49  | 23.47  | 23.55   |           |         |
| 10                                                          | 1        | 49        |        | 23.47  | 23.52  | 23.55   |           |         |
| 10                                                          | 25       | 0         |        | 22.57  | 22.64  | 22.65   |           |         |
| 10                                                          | 25       | 12        |        | 22.56  | 22.63  | 22.64   |           |         |
| 10                                                          | 25       | 25        |        | 22.54  | 22.60  | 22.61   |           |         |
| 10                                                          | 50       | 0         |        | 22.60  | 22.61  | 22.62   |           |         |
| 10                                                          | 1        | 0         | 16-QAM | 23.16  | 23.24  | 22.81   | 20.66     | 0.1164  |
| 10                                                          | 1        | 0         | 64-QAM | 21.57  | 22.03  | 21.74   | 19.45     | 0.0881  |
| Limit                                                       | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |          |           |        |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                           | 1        | 0         | QPSK   | 23.57  | 23.55  | 23.65   | 21.07     | 0.1279  |
| 5                                                           | 1        | 0         | 16-QAM | 23.19  | 23.24  | 23.16   | 20.66     | 0.1164  |
| 5                                                           | 1        | 0         | 64-QAM | 21.50  | 21.56  | 21.58   | 19.00     | 0.0794  |
| Limit                                                       | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |          |           |        |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                           | 1        | 0         | QPSK   | 23.43  | 23.57  | 23.65   | 21.07     | 0.1279  |
| 3                                                           | 1        | 0         | 16-QAM | 22.56  | 22.55  | 22.59   | 20.01     | 0.1002  |
| 3                                                           | 1        | 0         | 64-QAM | 21.92  | 22.01  | 21.72   | 19.43     | 0.0877  |
| Limit                                                       | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |          |           |        |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                         | 1        | 0         | QPSK   | 23.46  | 23.35  | 23.37   | 20.88     | 0.1225  |
| 1.4                                                         | 1        | 0         | 16-QAM | 23.00  | 22.73  | 22.62   | 20.42     | 0.1102  |
| 1.4                                                         | 1        | 0         | 64-QAM | 21.42  | 21.62  | 21.47   | 19.04     | 0.0802  |
| Limit                                                       | ERP < 7W |           |        | Result |        |         | Pass      |         |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.36 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                         | 1         | 0         | QPSK   | 22.39  | 22.43  | 22.41   | 22.94      | 0.1968   |
| 20                                                         | 1         | 49        |        | 22.50  | 22.58  | 22.56   |            |          |
| 20                                                         | 1         | 99        |        | 22.32  | 22.56  | 22.55   |            |          |
| 20                                                         | 50        | 0         |        | 21.58  | 21.70  | 21.69   |            |          |
| 20                                                         | 50        | 24        |        | 21.52  | 21.69  | 21.66   |            |          |
| 20                                                         | 50        | 50        |        | 21.57  | 21.72  | 21.67   |            |          |
| 20                                                         | 100       | 0         |        | 21.52  | 21.63  | 21.62   |            |          |
| 20                                                         | 1         | 0         | 16-QAM | 21.27  | 21.37  | 21.74   | 22.10      | 0.1622   |
| 20                                                         | 1         | 0         | 64-QAM | 20.28  | 20.04  | 20.51   | 20.87      | 0.1222   |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.36 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                         | 1         | 0         | QPSK   | 22.16  | 22.24  | 22.19   | 22.60      | 0.1820   |
| 15                                                         | 1         | 0         | 16-QAM | 21.50  | 21.51  | 21.33   | 21.87      | 0.1538   |
| 15                                                         | 1         | 0         | 64-QAM | 20.50  | 20.36  | 20.53   | 20.89      | 0.1227   |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.36 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                         | 1         | 0         | QPSK   | 22.22  | 22.37  | 22.37   | 22.73      | 0.1875   |
| 10                                                         | 1         | 0         | 16-QAM | 21.85  | 21.80  | 21.37   | 22.21      | 0.1663   |
| 10                                                         | 1         | 0         | 64-QAM | 20.31  | 20.34  | 20.49   | 20.85      | 0.1216   |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.36 dB) |           |           |        |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                          | 1         | 0         | QPSK   | 22.25  | 22.38  | 22.51   | 22.87      | 0.1936   |
| 5                                                          | 1         | 0         | 16-QAM | 21.73  | 21.80  | 21.46   | 22.16      | 0.1644   |
| 5                                                          | 1         | 0         | 64-QAM | 20.44  | 20.42  | 20.61   | 20.97      | 0.1250   |
| Limit                                                      | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 12 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   | 23.69  | 23.80  | 23.91   | 20.21     | 0.1050  |
| 10                                                           | 1        | 25        |        | 23.83  | 23.91  | 23.89   |           |         |
| 10                                                           | 1        | 49        |        | 24.02  | 23.97  | 23.95   |           |         |
| 10                                                           | 25       | 0         |        | 22.92  | 22.87  | 22.89   |           |         |
| 10                                                           | 25       | 12        |        | 22.86  | 22.85  | 22.84   |           |         |
| 10                                                           | 25       | 25        |        | 22.87  | 22.82  | 22.85   |           |         |
| 10                                                           | 50       | 0         |        | 22.86  | 22.81  | 22.77   |           |         |
| 10                                                           | 1        | 0         | 16-QAM | 23.25  | 23.12  | 23.09   | 19.44     | 0.0879  |
| 10                                                           | 1        | 0         | 64-QAM | 22.00  | 22.04  | 22.04   | 18.23     | 0.0665  |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 12 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   | 23.83  | 23.95  | 23.77   | 20.14     | 0.1033  |
| 5                                                            | 1        | 0         | 16-QAM | 23.38  | 23.34  | 23.35   | 19.57     | 0.0906  |
| 5                                                            | 1        | 0         | 64-QAM | 21.81  | 21.93  | 21.82   | 18.12     | 0.0649  |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.66 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                            | 1        | 0         | QPSK   | 23.88  | 23.86  | 23.79   | 20.07     | 0.1016  |
| 3                                                            | 1        | 0         | 16-QAM | 23.08  | 23.12  | 22.86   | 19.31     | 0.0853  |
| 3                                                            | 1        | 0         | 64-QAM | 22.09  | 22.16  | 21.93   | 18.35     | 0.0684  |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.66 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                          | 1        | 0         | QPSK   | 23.57  | 23.66  | 23.85   | 20.04     | 0.1009  |
| 1.4                                                          | 1        | 0         | 16-QAM | 23.10  | 22.97  | 23.00   | 19.29     | 0.0849  |
| 1.4                                                          | 1        | 0         | 64-QAM | 22.00  | 21.76  | 21.88   | 18.19     | 0.0659  |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 13 Maximum Average Power [dBm] (GT - LC = -1.44 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK   | -      | 23.43  | -       | 20.08     | 0.1019  |
| 10                                                           | 1        | 25        |        |        | 23.67  |         |           |         |
| 10                                                           | 1        | 49        |        |        | 23.50  |         |           |         |
| 10                                                           | 25       | 0         |        |        | 22.40  |         |           |         |
| 10                                                           | 25       | 12        |        |        | 22.51  |         |           |         |
| 10                                                           | 25       | 25        |        |        | 22.52  |         |           |         |
| 10                                                           | 50       | 0         |        |        | 22.47  |         |           |         |
| 10                                                           | 1        | 0         | 16-QAM |        | 22.58  |         | 18.99     | 0.0793  |
| 10                                                           | 1        | 0         | 64-QAM |        | 21.67  |         | 18.08     | 0.0643  |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 13 Maximum Average Power [dBm] (GT - LC = -1.44 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK   | 23.46  | 23.45  | 23.49   | 19.90     | 0.0977  |
| 5                                                            | 1        | 0         | 16-QAM | 22.89  | 23.01  | 23.11   | 19.52     | 0.0895  |
| 5                                                            | 1        | 0         | 64-QAM | 21.75  | 20.96  | 21.46   | 18.16     | 0.0655  |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 17 Maximum Average Power [dBm] (GT - LC = -1.59 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK   | 23.77  | 23.85  | 23.83   | 20.12     | 0.1028  |
| 10                                                           | 1        | 25        |        | 23.82  | 23.86  | 23.84   |           |         |
| 10                                                           | 1        | 49        |        | 23.78  | 23.77  | 23.84   |           |         |
| 10                                                           | 25       | 0         |        | 22.81  | 22.83  | 22.80   |           |         |
| 10                                                           | 25       | 12        |        | 22.74  | 22.82  | 22.73   |           |         |
| 10                                                           | 25       | 25        |        | 22.73  | 22.76  | 22.79   |           |         |
| 10                                                           | 50       | 0         |        | 22.76  | 22.84  | 22.79   |           |         |
| 10                                                           | 1        | 0         | 16-QAM | 23.03  | 23.46  | 23.45   | 19.72     | 0.0938  |
| 10                                                           | 1        | 0         | 64-QAM | 21.81  | 22.17  | 21.51   | 18.43     | 0.0697  |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 17 Maximum Average Power [dBm] (GT - LC = -1.59 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK   | 23.84  | 23.73  | 23.73   | 20.10     | 0.1023  |
| 5                                                            | 1        | 0         | 16-QAM | 23.12  | 22.85  | 22.77   | 19.38     | 0.0867  |
| 5                                                            | 1        | 0         | 64-QAM | 22.19  | 22.18  | 21.96   | 18.45     | 0.0700  |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |



| LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15                                                           | 1        | 0         | QPSK   | 23.49  | 23.35  | 23.40   | 21.12     | 0.1294  |
| 15                                                           | 1        | 37        |        | 23.40  | 23.60  | 23.54   |           |         |
| 15                                                           | 1        | 74        |        | 23.52  | 23.64  | 23.70   |           |         |
| 15                                                           | 36       | 0         |        | 22.45  | 22.47  | 22.51   |           |         |
| 15                                                           | 36       | 20        |        | 22.57  | 22.49  | 22.60   |           |         |
| 15                                                           | 36       | 39        |        | 22.49  | 22.43  | 22.55   |           |         |
| 15                                                           | 75       | 0         |        | 22.54  | 22.49  | 22.60   |           |         |
| 15                                                           | 1        | 0         | 16-QAM | 22.37  | 22.98  | 22.41   | 20.40     | 0.1096  |
| 15                                                           | 1        | 0         | 64-QAM | 21.77  | 21.88  | 21.93   | 19.35     | 0.0861  |
| Limit                                                        | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK   | 23.37  | 23.39  | 23.52   | 20.94     | 0.1242  |
| 10                                                           | 1        | 0         | 16-QAM | 22.88  | 22.79  | 23.23   | 20.65     | 0.1161  |
| 10                                                           | 1        | 0         | 64-QAM | 21.75  | 21.62  | 21.80   | 19.22     | 0.0836  |
| Limit                                                        | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK   | 23.60  | 23.64  | 23.50   | 21.06     | 0.1276  |
| 5                                                            | 1        | 0         | 16-QAM | 22.94  | 22.86  | 23.08   | 20.50     | 0.1122  |
| 5                                                            | 1        | 0         | 64-QAM | 21.78  | 21.36  | 21.50   | 19.20     | 0.0832  |
| Limit                                                        | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                            | 1        | 0         | QPSK   | 23.53  | 23.54  | 23.48   | 20.96     | 0.1247  |
| 3                                                            | 1        | 0         | 16-QAM | 22.53  | 22.72  | 23.13   | 20.55     | 0.1135  |
| 3                                                            | 1        | 0         | 64-QAM | 21.61  | 21.98  | 21.56   | 19.40     | 0.0871  |
| Limit                                                        | ERP < 7W |           |        | Result |        |         | Pass      |         |

| LTE Band 26 Maximum Average Power [dBm] (GT - LC = -0.43 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                          | 1        | 0         | QPSK   | 23.37  | 23.43  | 23.47   | 20.89     | 0.1227  |
| 1.4                                                          | 1        | 0         | 16-QAM | 22.54  | 22.85  | 22.35   | 20.27     | 0.1064  |
| 1.4                                                          | 1        | 0         | 64-QAM | 21.67  | 21.64  | 21.42   | 19.09     | 0.0811  |
| Limit                                                        | ERP < 7W |           |        | Result |        |         | Pass      |         |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.76 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                          | 1         | 0         | QPSK   | 23.13  | 22.00  | 22.07   | 24.15      | 0.2600   |
| 20                                                          | 1         | 49        |        | 23.39  | 22.15  | 22.24   |            |          |
| 20                                                          | 1         | 99        |        | 22.22  | 22.11  | 22.20   |            |          |
| 20                                                          | 50        | 0         |        | 21.27  | 21.15  | 21.30   |            |          |
| 20                                                          | 50        | 24        |        | 21.36  | 21.19  | 21.32   |            |          |
| 20                                                          | 50        | 50        |        | 21.33  | 21.17  | 21.30   |            |          |
| 20                                                          | 100       | 0         |        | 21.29  | 21.10  | 21.20   |            |          |
| 20                                                          | 1         | 0         | 16-QAM | 21.20  | 21.07  | 21.10   | 21.96      | 0.1570   |
| 20                                                          | 1         | 0         | 64-QAM | 20.08  | 20.03  | 20.05   | 20.84      | 0.1213   |
| Limit                                                       | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.76 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                          | 1         | 0         | QPSK   | 22.17  | 22.09  | 22.08   | 22.93      | 0.1963   |
| 15                                                          | 1         | 0         | 16-QAM | 21.20  | 21.17  | 21.08   | 21.96      | 0.1570   |
| 15                                                          | 1         | 0         | 64-QAM | 20.18  | 20.05  | 20.14   | 20.94      | 0.1242   |
| Limit                                                       | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.76 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                          | 1         | 0         | QPSK   | 23.31  | 22.10  | 22.09   | 24.07      | 0.2553   |
| 10                                                          | 1         | 0         | 16-QAM | 21.25  | 21.15  | 21.24   | 22.01      | 0.1589   |
| 10                                                          | 1         | 0         | 64-QAM | 20.27  | 20.03  | 20.20   | 21.03      | 0.1268   |
| Limit                                                       | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.76 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                           | 1         | 0         | QPSK   | 22.30  | 22.13  | 22.11   | 23.06      | 0.2023   |
| 5                                                           | 1         | 0         | 16-QAM | 21.39  | 21.20  | 21.31   | 22.15      | 0.1641   |
| 5                                                           | 1         | 0         | 64-QAM | 20.33  | 20.14  | 20.28   | 21.09      | 0.1285   |
| Limit                                                       | EIRP < 2W |           |        | Result |        |         | Pass       |          |



| LTE Band 66 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   | 22.69  | 22.63  | 22.76   | 23.66      | 0.2323   |
| 20                                                         | 1         | 49        |        | 22.79  | 22.78  | 22.86   |            |          |
| 20                                                         | 1         | 99        |        | 22.52  | 22.70  | 22.75   |            |          |
| 20                                                         | 50        | 0         |        | 22.63  | 22.76  | 22.79   |            |          |
| 20                                                         | 50        | 24        |        | 22.79  | 22.81  | 22.85   |            |          |
| 20                                                         | 50        | 50        |        | 22.69  | 22.77  | 22.81   |            |          |
| 20                                                         | 100       | 0         |        | 22.70  | 22.81  | 22.83   |            |          |
| 20                                                         | 1         | 0         | 16-QAM | 22.70  | 22.77  | 22.45   | 23.57      | 0.2275   |
| 20                                                         | 1         | 0         | 64-QAM | 22.15  | 22.44  | 22.34   | 23.24      | 0.2109   |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 66 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   | 22.25  | 22.43  | 22.28   | 23.23      | 0.2104   |
| 15                                                         | 1         | 0         | 16-QAM | 22.38  | 22.36  | 22.63   | 23.43      | 0.2203   |
| 15                                                         | 1         | 0         | 64-QAM | 22.32  | 22.24  | 22.64   | 23.44      | 0.2208   |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 66 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   | 22.34  | 22.42  | 22.39   | 23.22      | 0.2099   |
| 10                                                         | 1         | 0         | 16-QAM | 22.23  | 22.53  | 22.59   | 23.39      | 0.2183   |
| 10                                                         | 1         | 0         | 64-QAM | 22.56  | 22.75  | 22.43   | 23.55      | 0.2265   |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 66 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   | 22.24  | 22.44  | 22.34   | 23.24      | 0.2109   |
| 5                                                          | 1         | 0         | 16-QAM | 22.43  | 22.49  | 22.37   | 23.29      | 0.2133   |
| 5                                                          | 1         | 0         | 64-QAM | 22.41  | 22.55  | 22.45   | 23.35      | 0.2163   |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 66 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   | 22.18  | 22.31  | 22.42   | 23.22      | 0.2099   |
| 3                                                          | 1         | 0         | 16-QAM | 22.33  | 22.43  | 22.47   | 23.27      | 0.2123   |
| 3                                                          | 1         | 0         | 64-QAM | 22.44  | 22.55  | 22.61   | 23.41      | 0.2193   |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |

| LTE Band 66 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   | 22.04  | 22.19  | 22.10   | 22.99      | 0.1991   |
| 1.4                                                        | 1         | 0         | 16-QAM | 22.26  | 22.43  | 22.35   | 23.23      | 0.2104   |
| 1.4                                                        | 1         | 0         | 64-QAM | 22.28  | 22.40  | 22.01   | 23.20      | 0.2089   |
| Limit                                                      | EIRP < 1W |           |        | Result |        |         | Pass       |          |



| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.91 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 20                                                           | 1        | 0         | QPSK   | 23.67  | 23.62  | 23.71   | 19.75     | 0.0944  |
| 20                                                           | 1        | 49        |        | 23.78  | 23.81  | 23.73   |           |         |
| 20                                                           | 1        | 99        |        | 23.54  | 23.57  | 23.51   |           |         |
| 20                                                           | 50       | 0         |        | 23.79  | 23.80  | 23.76   |           |         |
| 20                                                           | 50       | 24        |        | 23.74  | 23.76  | 23.70   |           |         |
| 20                                                           | 50       | 50        |        | 23.60  | 23.76  | 23.64   |           |         |
| 20                                                           | 100      | 0         |        | 23.61  | 23.73  | 23.72   |           |         |
| 20                                                           | 1        | 0         | 16-QAM | 23.52  | 23.57  | 23.65   | 19.59     | 0.0910  |
| 20                                                           | 1        | 0         | 64-QAM | 23.55  | 23.44  | 23.44   | 19.49     | 0.0889  |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.91 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15                                                           | 1        | 0         | QPSK   | 23.31  | 23.36  | 23.22   | 19.30     | 0.0851  |
| 15                                                           | 1        | 0         | 16-QAM | 23.64  | 23.68  | 23.72   | 19.66     | 0.0925  |
| 15                                                           | 1        | 0         | 64-QAM | 23.52  | 23.50  | 23.45   | 19.46     | 0.0883  |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.91 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK   | 23.29  | 23.39  | 23.28   | 19.33     | 0.0857  |
| 10                                                           | 1        | 0         | 16-QAM | 23.65  | 23.66  | 23.61   | 19.60     | 0.0912  |
| 10                                                           | 1        | 0         | 64-QAM | 23.49  | 23.47  | 23.41   | 19.43     | 0.0877  |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.91 dB) |          |           |        |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK   | 23.33  | 23.40  | 23.27   | 19.34     | 0.0859  |
| 5                                                            | 1        | 0         | 16-QAM | 23.58  | 23.72  | 23.65   | 19.66     | 0.0925  |
| 5                                                            | 1        | 0         | 64-QAM | 23.47  | 23.58  | 23.42   | 19.52     | 0.0895  |
| Limit                                                        | ERP < 3W |           |        | Result |        |         | Pass      |         |



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| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.62 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                          | 1         | 0         | QPSK    | 21.86  | 20.47  | 20.37   | 23.48      | 0.2228   |
| 20                                                          | 1         | 49        |         | 21.46  | 20.37  | 20.21   |            |          |
| 20                                                          | 1         | 99        |         | 20.81  | 20.41  | 20.02   |            |          |
| 20                                                          | 50        | 0         |         | 20.66  | 19.61  | 19.33   |            |          |
| 20                                                          | 50        | 24        |         | 20.44  | 19.53  | 19.31   |            |          |
| 20                                                          | 50        | 50        |         | 20.21  | 19.55  | 19.26   |            |          |
| 20                                                          | 100       | 0         |         | 20.37  | 19.58  | 19.26   |            |          |
| 20                                                          | 1         | 0         | 16-QAM  | 20.92  | 19.56  | 19.49   | 22.54      | 0.1795   |
| 20                                                          | 1         | 49        |         | 20.51  | 19.64  | 19.27   |            |          |
| 20                                                          | 1         | 99        |         | 19.87  | 19.66  | 19.07   |            |          |
| 20                                                          | 50        | 0         |         | 19.64  | 18.55  | 18.36   |            |          |
| 20                                                          | 50        | 24        |         | 19.50  | 18.63  | 18.33   |            |          |
| 20                                                          | 50        | 50        |         | 19.23  | 18.69  | 18.25   |            |          |
| 20                                                          | 100       | 0         |         | 19.40  | 18.61  | 18.27   |            |          |
| 20                                                          | 1         | 0         | 64-QAM  | 19.64  | 18.29  | 18.16   | 21.26      | 0.1337   |
| 20                                                          | 1         | 49        |         | 19.24  | 18.38  | 18.04   |            |          |
| 20                                                          | 1         | 99        |         | 18.58  | 18.43  | 18.09   |            |          |
| 20                                                          | 50        | 0         |         | 18.61  | 17.58  | 17.36   |            |          |
| 20                                                          | 50        | 24        |         | 18.45  | 17.61  | 17.27   |            |          |
| 20                                                          | 50        | 50        |         | 18.20  | 17.68  | 17.30   |            |          |
| 20                                                          | 100       | 0         |         | 18.40  | 17.57  | 17.32   |            |          |
| 20                                                          | 1         | 0         | 256-QAM | 16.80  | 15.79  | 15.52   | 18.42      | 0.0695   |
| 20                                                          | 1         | 49        |         | 16.62  | 15.83  | 15.40   |            |          |
| 20                                                          | 1         | 99        |         | 16.36  | 15.95  | 15.40   |            |          |
| 20                                                          | 50        | 0         |         | 16.57  | 15.84  | 15.59   |            |          |
| 20                                                          | 50        | 24        |         | 16.73  | 15.71  | 15.60   |            |          |
| 20                                                          | 50        | 50        |         | 16.73  | 15.79  | 15.41   |            |          |
| 20                                                          | 100       | 0         |         | 16.42  | 15.82  | 15.58   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.62 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                          | 1         | 0         | QPSK    | 21.85  | 20.39  | 20.28   | 23.47      | 0.2223   |
| 15                                                          | 1         | 37        |         | 21.44  | 20.23  | 20.13   |            |          |
| 15                                                          | 1         | 74        |         | 20.78  | 20.31  | 20.18   |            |          |
| 15                                                          | 36        | 0         |         | 20.48  | 19.52  | 19.28   |            |          |
| 15                                                          | 36        | 20        |         | 20.36  | 19.50  | 19.16   |            |          |
| 15                                                          | 36        | 39        |         | 20.16  | 19.49  | 19.21   |            |          |
| 15                                                          | 75        | 0         |         | 20.18  | 19.56  | 19.10   |            |          |
| 15                                                          | 1         | 0         | 16-QAM  | 20.75  | 19.41  | 19.40   | 22.37      | 0.1726   |
| 15                                                          | 1         | 37        |         | 20.45  | 19.46  | 19.07   |            |          |
| 15                                                          | 1         | 74        |         | 19.70  | 19.47  | 19.12   |            |          |
| 15                                                          | 36        | 0         |         | 19.60  | 18.45  | 18.26   |            |          |
| 15                                                          | 36        | 20        |         | 19.43  | 18.63  | 18.23   |            |          |
| 15                                                          | 36        | 39        |         | 19.18  | 18.60  | 18.19   |            |          |
| 15                                                          | 75        | 0         |         | 19.35  | 18.60  | 18.15   |            |          |
| 15                                                          | 1         | 0         | 64-QAM  | 19.64  | 18.26  | 18.15   | 21.26      | 0.1337   |
| 15                                                          | 1         | 37        |         | 19.22  | 18.22  | 18.01   |            |          |
| 15                                                          | 1         | 74        |         | 18.58  | 18.31  | 18.14   |            |          |
| 15                                                          | 36        | 0         |         | 18.51  | 17.50  | 17.35   |            |          |
| 15                                                          | 36        | 20        |         | 18.25  | 17.46  | 17.26   |            |          |
| 15                                                          | 36        | 39        |         | 18.01  | 17.56  | 17.27   |            |          |
| 15                                                          | 75        | 0         |         | 18.37  | 17.43  | 17.32   |            |          |
| 15                                                          | 1         | 0         | 256-QAM | 16.65  | 15.62  | 15.48   | 18.32      | 0.0679   |
| 15                                                          | 1         | 37        |         | 16.61  | 15.79  | 15.31   |            |          |
| 15                                                          | 1         | 74        |         | 16.32  | 15.91  | 15.29   |            |          |
| 15                                                          | 36        | 0         |         | 16.47  | 15.70  | 15.41   |            |          |
| 15                                                          | 36        | 20        |         | 16.70  | 15.64  | 15.61   |            |          |
| 15                                                          | 36        | 39        |         | 16.53  | 15.59  | 15.40   |            |          |
| 15                                                          | 75        | 0         |         | 16.26  | 15.74  | 15.47   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.62 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                          | 1         | 0         | QPSK    | 21.80  | 20.36  | 20.19   | 23.42      | 0.2198   |
| 10                                                          | 1         | 25        |         | 21.42  | 20.22  | 20.02   |            |          |
| 10                                                          | 1         | 49        |         | 20.71  | 20.37  | 20.12   |            |          |
| 10                                                          | 25        | 0         |         | 20.64  | 19.55  | 19.13   |            |          |
| 10                                                          | 25        | 12        |         | 20.42  | 19.49  | 19.20   |            |          |
| 10                                                          | 25        | 25        |         | 20.09  | 19.42  | 19.26   |            |          |
| 10                                                          | 50        | 0         |         | 20.31  | 19.56  | 19.10   |            |          |
| 10                                                          | 1         | 0         | 16-QAM  | 20.83  | 19.51  | 19.47   | 22.45      | 0.1758   |
| 10                                                          | 1         | 25        |         | 20.43  | 19.57  | 19.23   |            |          |
| 10                                                          | 1         | 49        |         | 19.72  | 19.47  | 19.07   |            |          |
| 10                                                          | 25        | 0         |         | 19.58  | 18.37  | 18.23   |            |          |
| 10                                                          | 25        | 12        |         | 19.41  | 18.45  | 18.20   |            |          |
| 10                                                          | 25        | 25        |         | 19.23  | 18.61  | 18.10   |            |          |
| 10                                                          | 50        | 0         |         | 19.28  | 18.59  | 18.09   |            |          |
| 10                                                          | 1         | 0         | 64-QAM  | 19.45  | 18.29  | 18.08   | 21.07      | 0.1279   |
| 10                                                          | 1         | 25        |         | 19.16  | 18.28  | 18.19   |            |          |
| 10                                                          | 1         | 49        |         | 18.40  | 18.33  | 18.12   |            |          |
| 10                                                          | 25        | 0         |         | 18.45  | 17.56  | 17.35   |            |          |
| 10                                                          | 25        | 12        |         | 18.28  | 17.47  | 17.26   |            |          |
| 10                                                          | 25        | 25        |         | 18.03  | 17.53  | 17.22   |            |          |
| 10                                                          | 50        | 0         |         | 18.28  | 17.52  | 17.23   |            |          |
| 10                                                          | 1         | 0         | 256-QAM | 16.65  | 15.65  | 15.32   | 18.33      | 0.0681   |
| 10                                                          | 1         | 25        |         | 16.47  | 15.82  | 15.37   |            |          |
| 10                                                          | 1         | 49        |         | 16.35  | 15.79  | 15.26   |            |          |
| 10                                                          | 25        | 0         |         | 16.57  | 15.74  | 15.55   |            |          |
| 10                                                          | 25        | 12        |         | 16.71  | 15.62  | 15.53   |            |          |
| 10                                                          | 25        | 25        |         | 16.53  | 15.57  | 15.54   |            |          |
| 10                                                          | 50        | 0         |         | 16.17  | 15.86  | 15.44   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



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| LTE Band 41 Maximum Average Power [dBm] (GT - LC = 1.62 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                           | 1         | 0         | QPSK    | 21.68  | 20.27  | 20.37   | 23.30      | 0.2138   |
| 5                                                           | 1         | 12        |         | 21.33  | 20.23  | 20.18   |            |          |
| 5                                                           | 1         | 24        |         | 20.72  | 20.40  | 20.16   |            |          |
| 5                                                           | 12        | 0         |         | 20.57  | 19.48  | 19.14   |            |          |
| 5                                                           | 12        | 7         |         | 20.26  | 19.48  | 19.14   |            |          |
| 5                                                           | 12        | 13        |         | 20.02  | 19.54  | 19.12   |            |          |
| 5                                                           | 25        | 0         |         | 20.23  | 19.45  | 19.15   |            |          |
| 5                                                           | 1         | 0         | 16-QAM  | 20.83  | 19.47  | 19.35   | 22.45      | 0.1758   |
| 5                                                           | 1         | 12        |         | 20.47  | 19.51  | 19.08   |            |          |
| 5                                                           | 1         | 24        |         | 19.75  | 19.57  | 19.17   |            |          |
| 5                                                           | 12        | 0         |         | 19.47  | 18.42  | 18.36   |            |          |
| 5                                                           | 12        | 7         |         | 19.36  | 18.57  | 18.25   |            |          |
| 5                                                           | 12        | 13        |         | 19.04  | 18.57  | 18.06   |            |          |
| 5                                                           | 25        | 0         |         | 19.39  | 18.60  | 18.17   |            |          |
| 5                                                           | 1         | 0         | 64-QAM  | 19.61  | 18.18  | 18.00   | 21.23      | 0.1327   |
| 5                                                           | 1         | 12        |         | 19.10  | 18.21  | 18.14   |            |          |
| 5                                                           | 1         | 24        |         | 18.38  | 18.27  | 18.14   |            |          |
| 5                                                           | 12        | 0         |         | 18.43  | 17.47  | 17.18   |            |          |
| 5                                                           | 12        | 7         |         | 18.42  | 17.49  | 17.25   |            |          |
| 5                                                           | 12        | 13        |         | 18.00  | 17.67  | 17.13   |            |          |
| 5                                                           | 25        | 0         |         | 18.26  | 17.43  | 17.26   |            |          |
| 5                                                           | 1         | 0         | 256-QAM | 16.78  | 15.65  | 15.48   | 18.40      | 0.0692   |
| 5                                                           | 1         | 12        |         | 16.51  | 15.64  | 15.30   |            |          |
| 5                                                           | 1         | 24        |         | 16.36  | 15.93  | 15.22   |            |          |
| 5                                                           | 12        | 0         |         | 16.56  | 15.77  | 15.46   |            |          |
| 5                                                           | 12        | 7         |         | 16.71  | 15.60  | 15.44   |            |          |
| 5                                                           | 12        | 13        |         | 16.55  | 15.56  | 15.46   |            |          |
| 5                                                           | 25        | 0         |         | 16.23  | 15.83  | 15.38   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG190605B

| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.62 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                          | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                                | 1         | 0         | QPSK    | 24.81  | 23.43  | 23.34   | 26.43      | 0.4395   |
| 20                                                                | 1         | 49        |         | 24.42  | 23.37  | 23.13   |            |          |
| 20                                                                | 1         | 99        |         | 23.70  | 23.39  | 23.06   |            |          |
| 20                                                                | 50        | 0         |         | 23.66  | 22.64  | 22.34   |            |          |
| 20                                                                | 50        | 24        |         | 23.53  | 22.70  | 22.30   |            |          |
| 20                                                                | 50        | 50        |         | 23.27  | 22.74  | 22.28   |            |          |
| 20                                                                | 100       | 0         |         | 23.43  | 22.67  | 22.28   |            |          |
| 20                                                                | 1         | 0         | 16-QAM  | 23.99  | 22.72  | 22.66   | 25.61      | 0.3639   |
| 20                                                                | 1         | 49        |         | 23.71  | 22.84  | 22.47   |            |          |
| 20                                                                | 1         | 99        |         | 22.95  | 22.91  | 22.20   |            |          |
| 20                                                                | 50        | 0         |         | 22.68  | 21.67  | 21.36   |            |          |
| 20                                                                | 50        | 24        |         | 22.56  | 21.69  | 21.31   |            |          |
| 20                                                                | 50        | 50        |         | 22.30  | 21.77  | 21.32   |            |          |
| 20                                                                | 100       | 0         |         | 22.48  | 21.67  | 21.32   |            |          |
| 20                                                                | 1         | 0         | 64-QAM  | 22.96  | 21.63  | 21.52   | 24.58      | 0.2871   |
| 20                                                                | 1         | 49        |         | 22.61  | 21.72  | 21.34   |            |          |
| 20                                                                | 1         | 99        |         | 21.85  | 21.74  | 21.10   |            |          |
| 20                                                                | 50        | 0         |         | 21.70  | 20.66  | 20.33   |            |          |
| 20                                                                | 50        | 24        |         | 21.56  | 20.64  | 20.30   |            |          |
| 20                                                                | 50        | 50        |         | 21.27  | 20.75  | 20.29   |            |          |
| 20                                                                | 100       | 0         |         | 21.47  | 20.64  | 20.31   |            |          |
| 20                                                                | 1         | 0         | 256-QAM | 19.95  | 18.88  | 18.59   | 21.57      | 0.1435   |
| 20                                                                | 1         | 49        |         | 19.72  | 18.76  | 18.56   |            |          |
| 20                                                                | 1         | 99        |         | 19.57  | 19.00  | 18.51   |            |          |
| 20                                                                | 50        | 0         |         | 19.76  | 18.93  | 18.43   |            |          |
| 20                                                                | 50        | 24        |         | 19.83  | 18.87  | 18.52   |            |          |
| 20                                                                | 50        | 50        |         | 19.46  | 18.89  | 18.48   |            |          |
| 20                                                                | 100       | 0         |         | 19.58  | 18.74  | 18.47   |            |          |
| Limit                                                             | EIRP < 2W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

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| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.62 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                          | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                                | 1         | 0         | QPSK    | 24.66  | 23.28  | 23.33   | 26.28      | 0.4246   |
| 15                                                                | 1         | 37        |         | 24.24  | 23.33  | 23.07   |            |          |
| 15                                                                | 1         | 74        |         | 23.57  | 23.25  | 23.03   |            |          |
| 15                                                                | 36        | 0         |         | 23.60  | 22.53  | 22.23   |            |          |
| 15                                                                | 36        | 20        |         | 23.37  | 22.68  | 22.11   |            |          |
| 15                                                                | 36        | 39        |         | 23.16  | 22.71  | 22.16   |            |          |
| 15                                                                | 75        | 0         |         | 23.43  | 22.54  | 22.16   |            |          |
| 15                                                                | 1         | 0         | 16-QAM  | 23.97  | 22.56  | 22.62   | 25.59      | 0.3622   |
| 15                                                                | 1         | 37        |         | 23.52  | 22.80  | 22.33   |            |          |
| 15                                                                | 1         | 74        |         | 22.80  | 22.87  | 22.12   |            |          |
| 15                                                                | 36        | 0         |         | 22.68  | 21.62  | 21.18   |            |          |
| 15                                                                | 36        | 20        |         | 22.37  | 21.60  | 21.21   |            |          |
| 15                                                                | 36        | 39        |         | 22.28  | 21.68  | 21.15   |            |          |
| 15                                                                | 75        | 0         |         | 22.30  | 21.67  | 21.22   |            |          |
| 15                                                                | 1         | 0         | 64-QAM  | 22.92  | 21.50  | 21.34   | 24.54      | 0.2844   |
| 15                                                                | 1         | 37        |         | 22.42  | 21.72  | 21.28   |            |          |
| 15                                                                | 1         | 74        |         | 21.76  | 21.70  | 21.13   |            |          |
| 15                                                                | 36        | 0         |         | 21.55  | 20.61  | 20.30   |            |          |
| 15                                                                | 36        | 20        |         | 21.52  | 20.61  | 20.22   |            |          |
| 15                                                                | 36        | 39        |         | 21.16  | 20.62  | 20.24   |            |          |
| 15                                                                | 75        | 0         |         | 21.28  | 20.46  | 20.17   |            |          |
| 15                                                                | 1         | 0         | 256-QAM | 19.87  | 18.87  | 18.56   | 21.49      | 0.1409   |
| 15                                                                | 1         | 37        |         | 19.65  | 18.75  | 18.45   |            |          |
| 15                                                                | 1         | 74        |         | 19.49  | 18.93  | 18.36   |            |          |
| 15                                                                | 36        | 0         |         | 19.61  | 18.89  | 18.37   |            |          |
| 15                                                                | 36        | 20        |         | 19.70  | 18.83  | 18.45   |            |          |
| 15                                                                | 36        | 39        |         | 19.45  | 18.84  | 18.32   |            |          |
| 15                                                                | 75        | 0         |         | 19.50  | 18.68  | 18.29   |            |          |
| Limit                                                             | EIRP < 2W |           |         | Result |        |         | Pass       |          |



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| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.62 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                          | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                                | 1         | 0         | QPSK    | 24.76  | 23.42  | 23.33   | 26.38      | 0.4345   |
| 10                                                                | 1         | 25        |         | 24.32  | 23.25  | 23.00   |            |          |
| 10                                                                | 1         | 49        |         | 23.50  | 23.27  | 23.01   |            |          |
| 10                                                                | 25        | 0         |         | 23.62  | 22.63  | 22.14   |            |          |
| 10                                                                | 25        | 12        |         | 23.33  | 22.59  | 22.23   |            |          |
| 10                                                                | 25        | 25        |         | 23.19  | 22.54  | 22.16   |            |          |
| 10                                                                | 50        | 0         |         | 23.43  | 22.60  | 22.20   |            |          |
| 10                                                                | 1         | 0         | 16-QAM  | 23.85  | 22.56  | 22.47   | 25.47      | 0.3524   |
| 10                                                                | 1         | 25        |         | 23.53  | 22.68  | 22.31   |            |          |
| 10                                                                | 1         | 49        |         | 22.91  | 22.75  | 22.20   |            |          |
| 10                                                                | 25        | 0         |         | 22.64  | 21.56  | 21.27   |            |          |
| 10                                                                | 25        | 12        |         | 22.49  | 21.60  | 21.11   |            |          |
| 10                                                                | 25        | 25        |         | 22.10  | 21.67  | 21.25   |            |          |
| 10                                                                | 50        | 0         |         | 22.33  | 21.61  | 21.32   |            |          |
| 10                                                                | 1         | 0         | 64-QAM  | 22.96  | 21.54  | 21.37   | 24.58      | 0.2871   |
| 10                                                                | 1         | 25        |         | 22.55  | 21.65  | 21.24   |            |          |
| 10                                                                | 1         | 49        |         | 21.74  | 21.69  | 21.21   |            |          |
| 10                                                                | 25        | 0         |         | 21.70  | 20.57  | 20.23   |            |          |
| 10                                                                | 25        | 12        |         | 21.55  | 20.53  | 20.14   |            |          |
| 10                                                                | 25        | 25        |         | 21.15  | 20.74  | 20.14   |            |          |
| 10                                                                | 50        | 0         |         | 21.45  | 20.61  | 20.23   |            |          |
| 10                                                                | 1         | 0         | 256-QAM | 19.75  | 18.87  | 18.40   | 21.37      | 0.1371   |
| 10                                                                | 1         | 25        |         | 19.59  | 18.66  | 18.39   |            |          |
| 10                                                                | 1         | 49        |         | 19.47  | 18.99  | 18.32   |            |          |
| 10                                                                | 25        | 0         |         | 19.66  | 18.87  | 18.34   |            |          |
| 10                                                                | 25        | 12        |         | 19.72  | 18.67  | 18.36   |            |          |
| 10                                                                | 25        | 25        |         | 19.42  | 18.78  | 18.30   |            |          |
| 10                                                                | 50        | 0         |         | 19.43  | 18.73  | 18.41   |            |          |
| Limit                                                             | EIRP < 2W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG190605B

| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.62 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                          | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                                 | 1         | 0         | QPSK    | 24.79  | 23.33  | 23.29   | 26.41      | 0.4375   |
| 5                                                                 | 1         | 12        |         | 24.24  | 23.25  | 23.10   |            |          |
| 5                                                                 | 1         | 24        |         | 23.62  | 23.27  | 23.02   |            |          |
| 5                                                                 | 12        | 0         |         | 23.54  | 22.64  | 22.26   |            |          |
| 5                                                                 | 12        | 7         |         | 23.48  | 22.69  | 22.20   |            |          |
| 5                                                                 | 12        | 13        |         | 23.23  | 22.66  | 22.19   |            |          |
| 5                                                                 | 25        | 0         |         | 23.41  | 22.57  | 22.28   |            |          |
| 5                                                                 | 1         | 0         | 16-QAM  | 23.97  | 22.68  | 22.65   | 25.59      | 0.3622   |
| 5                                                                 | 1         | 12        |         | 23.65  | 22.73  | 22.33   |            |          |
| 5                                                                 | 1         | 24        |         | 22.92  | 22.80  | 22.10   |            |          |
| 5                                                                 | 12        | 0         |         | 22.52  | 21.62  | 21.19   |            |          |
| 5                                                                 | 12        | 7         |         | 22.45  | 21.68  | 21.22   |            |          |
| 5                                                                 | 12        | 13        |         | 22.12  | 21.69  | 21.31   |            |          |
| 5                                                                 | 25        | 0         |         | 22.45  | 21.60  | 21.24   |            |          |
| 5                                                                 | 1         | 0         | 64-QAM  | 22.76  | 21.52  | 21.38   | 24.38      | 0.2742   |
| 5                                                                 | 1         | 12        |         | 22.42  | 21.69  | 21.30   |            |          |
| 5                                                                 | 1         | 24        |         | 21.75  | 21.60  | 21.09   |            |          |
| 5                                                                 | 12        | 0         |         | 21.51  | 20.51  | 20.22   |            |          |
| 5                                                                 | 12        | 7         |         | 21.49  | 20.64  | 20.19   |            |          |
| 5                                                                 | 12        | 13        |         | 21.09  | 20.58  | 20.13   |            |          |
| 5                                                                 | 25        | 0         |         | 21.30  | 20.55  | 20.23   |            |          |
| 5                                                                 | 1         | 0         | 256-QAM | 19.84  | 18.74  | 18.46   | 21.46      | 0.1400   |
| 5                                                                 | 1         | 12        |         | 19.66  | 18.58  | 18.48   |            |          |
| 5                                                                 | 1         | 24        |         | 19.53  | 19.00  | 18.48   |            |          |
| 5                                                                 | 12        | 0         |         | 19.57  | 18.81  | 18.23   |            |          |
| 5                                                                 | 12        | 7         |         | 19.70  | 18.81  | 18.44   |            |          |
| 5                                                                 | 12        | 13        |         | 19.32  | 18.70  | 18.32   |            |          |
| 5                                                                 | 25        | 0         |         | 19.46  | 18.58  | 18.35   |            |          |
| Limit                                                             | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -0.43 dB) |          |           |         |           |        |        |        |         |           |         |
|-----------------------------------------------------------------|----------|-----------|---------|-----------|--------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                        | PCC      |           | SCC     |           | Mod    | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
|                                                                 | RB Size  | RB Offset | RB Size | RB Offset |        |        |        |         |           |         |
| 10+10                                                           | 50       | 0         | 50      | 0         | QPSK   | 21.43  | 21.43  | 21.41   | 20.41     | 0.1099  |
| 10+10                                                           | 1        | 0         | 1       | 49        |        | 12.48  | 12.53  | 12.53   |           |         |
| 10+10                                                           | 1        | 49        | 1       | 0         |        | 22.97  | 22.99  | 22.92   |           |         |
| 10+10                                                           | 50       | 0         | 50      | 0         | 16-QAM | 20.44  | 20.43  | 20.46   | 19.67     | 0.0927  |
| 10+10                                                           | 1        | 0         | 1       | 49        |        | 12.78  | 12.72  | 12.72   |           |         |
| 10+10                                                           | 1        | 49        | 1       | 0         |        | 22.24  | 22.22  | 22.25   |           |         |
| 10+10                                                           | 50       | 0         | 50      | 0         | 64-QAM | 20.48  | 20.45  | 20.48   | 17.90     | 0.0617  |
| 10+10                                                           | 1        | 0         | 1       | 49        |        | 12.78  | 12.90  | 12.74   |           |         |
| 10+10                                                           | 1        | 49        | 1       | 0         |        | 20.31  | 20.24  | 20.16   |           |         |
| Limit                                                           | ERP < 7W |           |         |           |        | Result |        |         | Pass      |         |



| LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 0.8 dB) |           |           |         |           |        |        |        |         |            |          |
|----------------------------------------------------------------|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                       | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 15+5                                                           | 75        | 0         | 25      | 0         | QPSK   | 22.14  | 22.17  | 22.29   | 23.09      | 0.2037   |
| 15+5                                                           | 1         | 0         | 1       | 24        |        | 21.91  | 21.77  | 21.80   |            |          |
| 15+5                                                           | 1         | 74        | 1       | 0         |        | 21.98  | 21.98  | 22.15   |            |          |
| 15+5                                                           | 75        | 0         | 25      | 0         | 16-QAM | 22.18  | 22.24  | 22.35   | 23.46      | 0.2218   |
| 15+5                                                           | 1         | 0         | 1       | 24        |        | 22.19  | 22.33  | 22.32   |            |          |
| 15+5                                                           | 1         | 74        | 1       | 0         |        | 22.34  | 22.50  | 22.66   |            |          |
| 15+5                                                           | 75        | 0         | 25      | 0         | 64-QAM | 22.18  | 22.19  | 22.31   | 23.20      | 0.2089   |
| 15+5                                                           | 1         | 0         | 1       | 24        |        | 22.04  | 22.06  | 22.12   |            |          |
| 15+5                                                           | 1         | 74        | 1       | 0         |        | 22.27  | 22.37  | 22.40   |            |          |
| Limit                                                          | EIRP < 1W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.8 dB) |           |           |         |           |        |        |        |         |            |          |
|----------------------------------------------------------------|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                       | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | QPSK   | 21.70  | 21.73  | 21.92   | 22.72      | 0.1871   |
| 20+15                                                          | 1         | 0         | 1       | 74        |        | 21.15  | 21.16  | 21.14   |            |          |
| 20+15                                                          | 1         | 74        | 1       | 0         |        | 21.62  | 21.60  | 21.68   |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | 16-QAM | 21.77  | 21.83  | 22.02   | 23.08      | 0.2032   |
| 20+15                                                          | 1         | 0         | 1       | 74        |        | 21.64  | 21.62  | 21.61   |            |          |
| 20+15                                                          | 1         | 74        | 1       | 0         |        | 22.19  | 22.07  | 22.28   |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | 64-QAM | 21.80  | 21.82  | 22.04   | 22.85      | 0.1928   |
| 20+15                                                          | 1         | 0         | 1       | 74        |        | 21.53  | 21.41  | 21.48   |            |          |
| 20+15                                                          | 1         | 74        | 1       | 0         |        | 21.98  | 21.96  | 22.05   |            |          |
| 20+10                                                          | 100       | 0         | 50      | 0         | QPSK   | 21.67  | 21.71  | 21.76   | 22.56      | 0.1803   |
| 20+10                                                          | 1         | 0         | 1       | 49        |        | 21.01  | 21.05  | 21.06   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |        | 21.56  | 21.60  | 21.61   |            |          |
| 20+10                                                          | 100       | 0         | 50      | 0         | 16-QAM | 21.57  | 21.66  | 21.90   | 22.99      | 0.1991   |
| 20+10                                                          | 1         | 0         | 1       | 49        |        | 21.59  | 21.54  | 21.51   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |        | 22.19  | 22.06  | 22.17   |            |          |
| 20+10                                                          | 100       | 0         | 50      | 0         | 64-QAM | 21.65  | 21.75  | 21.86   | 22.85      | 0.1928   |
| 20+10                                                          | 1         | 0         | 1       | 49        |        | 21.52  | 21.21  | 21.38   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |        | 21.93  | 21.93  | 22.05   |            |          |
| 10+20                                                          | 50        | 0         | 100     | 0         | QPSK   | 21.57  | 21.62  | 21.84   | 22.64      | 0.1837   |
| 10+20                                                          | 1         | 0         | 1       | 99        |        | 21.13  | 21.11  | 21.03   |            |          |
| 10+20                                                          | 1         | 49        | 1       | 0         |        | 21.52  | 21.50  | 21.61   |            |          |
| 10+20                                                          | 50        | 0         | 100     | 0         | 16-QAM | 21.65  | 21.76  | 21.82   | 22.91      | 0.1954   |
| 10+20                                                          | 1         | 0         | 1       | 99        |        | 21.57  | 21.52  | 21.53   |            |          |
| 10+20                                                          | 1         | 49        | 1       | 0         |        | 22.03  | 21.90  | 22.11   |            |          |
| 10+20                                                          | 50        | 0         | 100     | 0         | 64-QAM | 21.60  | 21.75  | 21.92   | 22.72      | 0.1871   |
| 10+20                                                          | 1         | 0         | 1       | 99        |        | 21.42  | 21.27  | 21.44   |            |          |
| 10+20                                                          | 1         | 49        | 1       | 0         |        | 21.89  | 21.86  | 21.88   |            |          |
| 20+5                                                           | 100       | 0         | 25      | 0         | QPSK   | 21.63  | 21.63  | 21.88   | 22.68      | 0.1854   |
| 20+5                                                           | 1         | 0         | 1       | 24        |        | 21.15  | 21.14  | 20.99   |            |          |
| 20+5                                                           | 1         | 99        | 1       | 0         |        | 21.56  | 21.44  | 21.51   |            |          |
| 20+5                                                           | 100       | 0         | 25      | 0         | 16-QAM | 21.76  | 21.70  | 21.96   | 23.03      | 0.2009   |
| 20+5                                                           | 1         | 0         | 1       | 24        |        | 21.63  | 21.49  | 21.49   |            |          |
| 20+5                                                           | 1         | 99        | 1       | 0         |        | 22.07  | 21.91  | 22.23   |            |          |
| 20+5                                                           | 100       | 0         | 25      | 0         | 64-QAM | 21.73  | 21.65  | 21.91   | 22.78      | 0.1897   |
| 20+5                                                           | 1         | 0         | 1       | 24        |        | 21.52  | 21.35  | 21.45   |            |          |
| 20+5                                                           | 1         | 99        | 1       | 0         |        | 21.86  | 21.80  | 21.98   |            |          |
| Limit                                                          | EIRP < 1W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.8 dB) |           |           |         |           |        |        |        |         |            |          |
|----------------------------------------------------------------|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                       | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 5+20                                                           | 25        | 0         | 100     | 0         | QPSK   | 21.70  | 21.53  | 21.79   | 22.59      | 0.1816   |
| 5+20                                                           | 1         | 0         | 1       | 99        |        | 21.01  | 21.14  | 21.14   |            |          |
| 5+20                                                           | 1         | 24        | 1       | 0         |        | 21.48  | 21.45  | 21.61   |            |          |
| 5+20                                                           | 25        | 0         | 100     | 0         | 16-QAM | 21.59  | 21.64  | 21.90   | 22.99      | 0.1991   |
| 5+20                                                           | 1         | 0         | 1       | 99        |        | 21.52  | 21.49  | 21.52   |            |          |
| 5+20                                                           | 1         | 24        | 1       | 0         |        | 22.06  | 21.96  | 22.19   |            |          |
| 5+20                                                           | 25        | 0         | 100     | 0         | 64-QAM | 21.65  | 21.76  | 21.91   | 22.76      | 0.1888   |
| 5+20                                                           | 1         | 0         | 1       | 99        |        | 21.44  | 21.24  | 21.41   |            |          |
| 5+20                                                           | 1         | 24        | 1       | 0         |        | 21.96  | 21.86  | 21.96   |            |          |
| 15+10                                                          | 75        | 0         | 50      | 0         | QPSK   | 21.67  | 21.54  | 21.76   | 22.56      | 0.1803   |
| 15+10                                                          | 1         | 0         | 1       | 49        |        | 20.99  | 21.12  | 20.95   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |        | 21.60  | 21.45  | 21.63   |            |          |
| 15+10                                                          | 75        | 0         | 50      | 0         | 16-QAM | 21.65  | 21.67  | 21.83   | 23.05      | 0.2018   |
| 15+10                                                          | 1         | 0         | 1       | 49        |        | 21.63  | 21.45  | 21.51   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |        | 22.11  | 21.91  | 22.25   |            |          |
| 15+10                                                          | 75        | 0         | 50      | 0         | 64-QAM | 21.70  | 21.71  | 21.95   | 22.75      | 0.1884   |
| 15+10                                                          | 1         | 0         | 1       | 49        |        | 21.40  | 21.29  | 21.29   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |        | 21.93  | 21.89  | 21.95   |            |          |
| 10+15                                                          | 50        | 0         | 75      | 0         | QPSK   | 21.68  | 21.62  | 21.79   | 22.59      | 0.1816   |
| 10+15                                                          | 1         | 0         | 1       | 74        |        | 21.04  | 21.01  | 21.02   |            |          |
| 10+15                                                          | 1         | 49        | 1       | 0         |        | 21.42  | 21.46  | 21.64   |            |          |
| 10+15                                                          | 50        | 0         | 75      | 0         | 16-QAM | 21.58  | 21.78  | 21.88   | 22.93      | 0.1963   |
| 10+15                                                          | 1         | 0         | 1       | 74        |        | 21.52  | 21.43  | 21.51   |            |          |
| 10+15                                                          | 1         | 49        | 1       | 0         |        | 22.13  | 21.94  | 22.08   |            |          |
| 10+15                                                          | 50        | 0         | 75      | 0         | 64-QAM | 21.69  | 21.62  | 21.88   | 22.75      | 0.1884   |
| 10+15                                                          | 1         | 0         | 1       | 74        |        | 21.50  | 21.37  | 21.35   |            |          |
| 10+15                                                          | 1         | 49        | 1       | 0         |        | 21.91  | 21.95  | 21.87   |            |          |
| 15+15                                                          | 75        | 0         | 75      | 0         | QPSK   | 21.61  | 21.68  | 21.83   | 22.63      | 0.1832   |
| 15+15                                                          | 1         | 0         | 1       | 74        |        | 20.96  | 20.97  | 20.99   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |        | 21.62  | 21.59  | 21.61   |            |          |
| 15+15                                                          | 75        | 0         | 75      | 0         | 16-QAM | 21.72  | 21.70  | 21.85   | 22.93      | 0.1963   |
| 15+15                                                          | 1         | 0         | 1       | 74        |        | 21.47  | 21.57  | 21.43   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |        | 22.13  | 21.94  | 22.12   |            |          |
| 15+15                                                          | 75        | 0         | 75      | 0         | 64-QAM | 21.73  | 21.81  | 22.13   | 22.93      | 0.1963   |
| 15+15                                                          | 1         | 0         | 1       | 74        |        | 21.52  | 21.27  | 21.36   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |        | 21.85  | 21.87  | 21.96   |            |          |
| Limit                                                          | EIRP < 1W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.36 dB) |           |           |         |           |        |        |        |         |            |          |
|----------------------------------------------------------------|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                       | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+20                                                          | 100       | 0         | 100     | 0         | QPSK   | 19.61  | 19.86  | 19.66   | 22.00      | 0.1585   |
| 20+20                                                          | 1         | 0         | 1       | 99        |        | 12.60  | 12.56  | 12.49   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |        | 21.64  | 21.59  | 21.51   |            |          |
| 20+20                                                          | 100       | 0         | 100     | 0         | 16-QAM | 18.71  | 18.87  | 18.63   | 21.64      | 0.1459   |
| 20+20                                                          | 1         | 0         | 1       | 99        |        | 13.27  | 13.08  | 13.15   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |        | 21.28  | 21.12  | 21.04   |            |          |
| 20+20                                                          | 100       | 0         | 100     | 0         | 64-QAM | 18.68  | 18.87  | 18.64   | 19.36      | 0.0863   |
| 20+20                                                          | 1         | 0         | 1       | 99        |        | 12.89  | 12.96  | 12.85   |            |          |
| 20+20                                                          | 1         | 99        | 1       | 0         |        | 19.00  | 18.93  | 18.86   |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | QPSK   | 19.79  | 19.77  | 19.64   | 22.10      | 0.1622   |
| 20+15                                                          | 1         | 0         | 1       | 74        |        | 12.82  | 12.70  | 12.68   |            |          |
| 20+15                                                          | 1         | 99        | 1       | 0         |        | 21.74  | 21.61  | 21.50   |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | 16-QAM | 18.82  | 18.84  | 18.63   | 21.53      | 0.1422   |
| 20+15                                                          | 1         | 0         | 1       | 74        |        | 13.26  | 13.22  | 13.08   |            |          |
| 20+15                                                          | 1         | 99        | 1       | 0         |        | 21.17  | 21.06  | 21.14   |            |          |
| 20+15                                                          | 100       | 0         | 75      | 0         | 64-QAM | 18.82  | 18.87  | 18.64   | 19.23      | 0.0838   |
| 20+15                                                          | 1         | 0         | 1       | 74        |        | 13.03  | 13.11  | 13.08   |            |          |
| 20+15                                                          | 1         | 99        | 1       | 0         |        | 18.86  | 18.79  | 18.71   |            |          |
| 15+20                                                          | 75        | 0         | 100     | 0         | QPSK   | 19.62  | 19.58  | 19.60   | 22.07      | 0.1611   |
| 15+20                                                          | 1         | 0         | 1       | 99        |        | 12.80  | 12.52  | 12.54   |            |          |
| 15+20                                                          | 1         | 74        | 1       | 0         |        | 21.71  | 21.48  | 21.38   |            |          |
| 15+20                                                          | 75        | 0         | 100     | 0         | 16-QAM | 18.69  | 18.79  | 18.50   | 21.42      | 0.1387   |
| 15+20                                                          | 1         | 0         | 1       | 99        |        | 13.24  | 13.17  | 12.96   |            |          |
| 15+20                                                          | 1         | 74        | 1       | 0         |        | 21.03  | 20.92  | 21.06   |            |          |
| 15+20                                                          | 75        | 0         | 100     | 0         | 64-QAM | 18.68  | 18.87  | 18.48   | 19.23      | 0.0838   |
| 15+20                                                          | 1         | 0         | 1       | 99        |        | 12.99  | 13.01  | 13.02   |            |          |
| 15+20                                                          | 1         | 74        | 1       | 0         |        | 18.77  | 18.76  | 18.68   |            |          |
| Limit                                                          | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.36 dB) |           |           |         |           |        |        |        |         |            |          |
|----------------------------------------------------------------|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                       | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+10                                                          | 100       | 0         | 75      | 0         | QPSK   | 19.76  | 19.67  | 19.46   | 22.10      | 0.1622   |
| 20+10                                                          | 1         | 0         | 1       | 74        |        | 12.63  | 12.50  | 12.52   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |        | 21.74  | 21.53  | 21.49   |            |          |
| 20+10                                                          | 100       | 0         | 75      | 0         | 16-QAM | 18.66  | 18.78  | 18.49   | 21.48      | 0.1406   |
| 20+10                                                          | 1         | 0         | 1       | 74        |        | 13.21  | 13.09  | 13.04   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |        | 21.12  | 21.03  | 21.11   |            |          |
| 20+10                                                          | 100       | 0         | 75      | 0         | 64-QAM | 18.69  | 18.67  | 18.46   | 19.07      | 0.0807   |
| 20+10                                                          | 1         | 0         | 1       | 74        |        | 12.85  | 12.97  | 12.99   |            |          |
| 20+10                                                          | 1         | 99        | 1       | 0         |        | 18.71  | 18.60  | 18.67   |            |          |
| 10+20                                                          | 75        | 0         | 100     | 0         | QPSK   | 19.73  | 19.67  | 19.47   | 21.98      | 0.1578   |
| 10+20                                                          | 1         | 0         | 1       | 99        |        | 12.75  | 12.54  | 12.58   |            |          |
| 10+20                                                          | 1         | 74        | 1       | 0         |        | 21.62  | 21.42  | 21.44   |            |          |
| 10+20                                                          | 75        | 0         | 100     | 0         | 16-QAM | 18.67  | 18.72  | 18.53   | 21.53      | 0.1422   |
| 10+20                                                          | 1         | 0         | 1       | 99        |        | 13.11  | 13.07  | 12.94   |            |          |
| 10+20                                                          | 1         | 74        | 1       | 0         |        | 21.17  | 21.04  | 21.05   |            |          |
| 10+20                                                          | 75        | 0         | 100     | 0         | 64-QAM | 18.72  | 18.83  | 18.55   | 19.19      | 0.0830   |
| 10+20                                                          | 1         | 0         | 1       | 99        |        | 12.92  | 13.08  | 12.94   |            |          |
| 10+20                                                          | 1         | 74        | 1       | 0         |        | 18.78  | 18.68  | 18.53   |            |          |
| 15+15                                                          | 75        | 0         | 100     | 0         | QPSK   | 19.74  | 19.76  | 19.59   | 21.94      | 0.1563   |
| 15+15                                                          | 1         | 0         | 1       | 99        |        | 12.75  | 12.52  | 12.66   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |        | 21.58  | 21.53  | 21.31   |            |          |
| 15+15                                                          | 75        | 0         | 100     | 0         | 16-QAM | 18.70  | 18.71  | 18.46   | 21.47      | 0.1403   |
| 15+15                                                          | 1         | 0         | 1       | 99        |        | 13.17  | 13.08  | 13.00   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |        | 21.11  | 21.04  | 21.00   |            |          |
| 15+15                                                          | 75        | 0         | 100     | 0         | 64-QAM | 18.65  | 18.85  | 18.54   | 19.21      | 0.0834   |
| 15+15                                                          | 1         | 0         | 1       | 99        |        | 12.84  | 13.00  | 13.06   |            |          |
| 15+15                                                          | 1         | 74        | 1       | 0         |        | 18.67  | 18.69  | 18.63   |            |          |
| 15+10                                                          | 75        | 0         | 100     | 0         | QPSK   | 19.73  | 19.66  | 19.47   | 22.00      | 0.1585   |
| 15+10                                                          | 1         | 0         | 1       | 99        |        | 12.76  | 12.68  | 12.50   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |        | 21.64  | 21.42  | 21.37   |            |          |
| 15+10                                                          | 75        | 0         | 100     | 0         | 16-QAM | 18.76  | 18.66  | 18.60   | 21.43      | 0.1390   |
| 15+10                                                          | 1         | 0         | 1       | 99        |        | 13.19  | 13.18  | 13.06   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |        | 21.01  | 21.06  | 21.07   |            |          |
| 15+10                                                          | 75        | 0         | 100     | 0         | 64-QAM | 18.67  | 18.83  | 18.47   | 19.21      | 0.0834   |
| 15+10                                                          | 1         | 0         | 1       | 99        |        | 12.96  | 13.04  | 13.05   |            |          |
| 15+10                                                          | 1         | 74        | 1       | 0         |        | 18.85  | 18.68  | 18.53   |            |          |
| Limit                                                          | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 0.76 dB) |           |           |         |           |        |        |        |         |            |          |
|-----------------------------------------------------------------|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                        | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                 | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | QPSK   | 19.43  | 19.48  | 19.41   | 22.25      | 0.1679   |
| 20+20                                                           | 1         | 0         | 1       | 99        |        | 12.45  | 12.40  | 12.38   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |        | 21.42  | 21.49  | 21.45   |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | 16-QAM | 18.48  | 18.52  | 18.54   | 21.25      | 0.1334   |
| 20+20                                                           | 1         | 0         | 1       | 99        |        | 12.43  | 12.39  | 12.39   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |        | 20.45  | 20.49  | 20.45   |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | 64-QAM | 18.45  | 18.46  | 18.47   | 19.23      | 0.0838   |
| 20+20                                                           | 1         | 0         | 1       | 99        |        | 12.46  | 12.43  | 12.44   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |        | 18.38  | 18.42  | 18.42   |            |          |
| 15+15                                                           | 75        | 0         | 75      | 0         | QPSK   | 19.55  | 19.56  | 19.47   | 22.46      | 0.1762   |
| 15+15                                                           | 1         | 0         | 1       | 74        |        | 12.81  | 12.82  | 12.83   |            |          |
| 15+15                                                           | 1         | 74        | 1       | 0         |        | 21.66  | 21.70  | 21.68   |            |          |
| 15+15                                                           | 75        | 0         | 75      | 0         | 16-QAM | 18.61  | 18.62  | 18.71   | 21.55      | 0.1429   |
| 15+15                                                           | 1         | 0         | 1       | 74        |        | 12.91  | 12.93  | 12.92   |            |          |
| 15+15                                                           | 1         | 74        | 1       | 0         |        | 20.74  | 20.79  | 20.76   |            |          |
| 15+15                                                           | 75        | 0         | 75      | 0         | 64-QAM | 18.61  | 18.63  | 18.79   | 19.55      | 0.0902   |
| 15+15                                                           | 1         | 0         | 1       | 74        |        | 12.84  | 12.87  | 12.87   |            |          |
| 15+15                                                           | 1         | 74        | 1       | 0         |        | 18.61  | 18.65  | 18.59   |            |          |
| Limit                                                           | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |

**FCC RADIO TEST REPORT**

Report No. : FG190605B

| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.62 dB) |         |           |         |           |      |        |        |         |            |          |
|-----------------------------------------------------------------|---------|-----------|---------|-----------|------|--------|--------|---------|------------|----------|
| BW [MHz]                                                        | PCC     |           | SCC     |           | Mod  | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                 | RB Size | RB Offset | RB Size | RB Offset |      |        |        |         |            |          |
| 20+20                                                           | 1       | 0         | 1       | 99        | QPSK | 20.35  | 20.07  | 20.36   | 21.98      | 0.1578   |



**<MIMO 2 Antenna>**

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.6 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                        | 1         | 0         | QPSK    | 22.71  | 22.77  | 22.72   | 23.37      | 0.2173   |
| 20                                                        | 1         | 49        |         | 22.70  | 22.65  | 22.66   |            |          |
| 20                                                        | 1         | 99        |         | 22.52  | 22.59  | 22.61   |            |          |
| 20                                                        | 50        | 0         |         | 21.72  | 21.77  | 21.69   |            |          |
| 20                                                        | 50        | 24        |         | 21.65  | 21.68  | 21.67   |            |          |
| 20                                                        | 50        | 50        |         | 21.67  | 21.75  | 21.66   |            |          |
| 20                                                        | 100       | 0         |         | 21.70  | 21.78  | 21.75   |            |          |
| 20                                                        | 1         | 0         | 16-QAM  | 21.80  | 21.96  | 21.86   | 22.59      | 0.1816   |
| 20                                                        | 1         | 49        |         | 21.90  | 21.99  | 21.88   |            |          |
| 20                                                        | 1         | 99        |         | 21.74  | 21.83  | 21.72   |            |          |
| 20                                                        | 50        | 0         |         | 20.74  | 20.62  | 20.73   |            |          |
| 20                                                        | 50        | 24        |         | 20.75  | 20.73  | 20.75   |            |          |
| 20                                                        | 50        | 50        |         | 20.66  | 20.71  | 20.68   |            |          |
| 20                                                        | 100       | 0         |         | 20.70  | 20.70  | 20.71   |            |          |
| 20                                                        | 1         | 0         | 64-QAM  | 20.78  | 20.86  | 20.78   | 21.50      | 0.1413   |
| 20                                                        | 1         | 49        |         | 20.84  | 20.90  | 20.86   |            |          |
| 20                                                        | 1         | 99        |         | 20.67  | 20.78  | 20.71   |            |          |
| 20                                                        | 50        | 0         |         | 19.75  | 19.66  | 19.75   |            |          |
| 20                                                        | 50        | 24        |         | 19.78  | 19.73  | 19.76   |            |          |
| 20                                                        | 50        | 50        |         | 19.67  | 19.71  | 19.66   |            |          |
| 20                                                        | 100       | 0         |         | 19.70  | 19.71  | 19.74   |            |          |
| 20                                                        | 1         | 0         | 256-QAM | 18.13  | 17.99  | 18.00   | 18.73      | 0.0746   |
| 20                                                        | 1         | 49        |         | 17.49  | 17.71  | 17.64   |            |          |
| 20                                                        | 1         | 99        |         | 17.43  | 17.53  | 17.51   |            |          |
| 20                                                        | 50        | 0         |         | 17.46  | 17.58  | 17.51   |            |          |
| 20                                                        | 50        | 24        |         | 17.69  | 17.68  | 17.60   |            |          |
| 20                                                        | 50        | 50        |         | 17.74  | 17.72  | 17.47   |            |          |
| 20                                                        | 100       | 0         |         | 17.75  | 17.64  | 17.44   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.6 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                        | 1         | 0         | QPSK    | 22.62  | 22.74  | 22.62   | 23.34      | 0.2158   |
| 15                                                        | 1         | 37        |         | 22.53  | 22.46  | 22.46   |            |          |
| 15                                                        | 1         | 74        |         | 22.45  | 22.46  | 22.61   |            |          |
| 15                                                        | 36        | 0         |         | 21.68  | 21.72  | 21.58   |            |          |
| 15                                                        | 36        | 20        |         | 21.45  | 21.48  | 21.51   |            |          |
| 15                                                        | 36        | 39        |         | 21.55  | 21.62  | 21.51   |            |          |
| 15                                                        | 75        | 0         |         | 21.64  | 21.65  | 21.59   |            |          |
| 15                                                        | 1         | 0         | 16-QAM  | 21.80  | 21.92  | 21.81   | 22.52      | 0.1786   |
| 15                                                        | 1         | 37        |         | 21.86  | 21.81  | 21.70   |            |          |
| 15                                                        | 1         | 74        |         | 21.56  | 21.80  | 21.54   |            |          |
| 15                                                        | 36        | 0         |         | 20.59  | 20.58  | 20.57   |            |          |
| 15                                                        | 36        | 20        |         | 20.75  | 20.62  | 20.64   |            |          |
| 15                                                        | 36        | 39        |         | 20.54  | 20.52  | 20.54   |            |          |
| 15                                                        | 75        | 0         |         | 20.56  | 20.68  | 20.65   |            |          |
| 15                                                        | 1         | 0         | 64-QAM  | 20.76  | 20.69  | 20.72   | 21.45      | 0.1396   |
| 15                                                        | 1         | 37        |         | 20.83  | 20.85  | 20.66   |            |          |
| 15                                                        | 1         | 74        |         | 20.52  | 20.74  | 20.52   |            |          |
| 15                                                        | 36        | 0         |         | 19.75  | 19.51  | 19.75   |            |          |
| 15                                                        | 36        | 20        |         | 19.74  | 19.56  | 19.74   |            |          |
| 15                                                        | 36        | 39        |         | 19.57  | 19.64  | 19.57   |            |          |
| 15                                                        | 75        | 0         |         | 19.39  | 19.37  | 19.25   |            |          |
| 15                                                        | 1         | 0         | 256-QAM | 19.70  | 19.56  | 19.59   | 20.30      | 0.1072   |
| 15                                                        | 1         | 37        |         | 18.04  | 17.97  | 17.84   |            |          |
| 15                                                        | 1         | 74        |         | 17.44  | 17.58  | 17.48   |            |          |
| 15                                                        | 36        | 0         |         | 17.26  | 17.45  | 17.40   |            |          |
| 15                                                        | 36        | 20        |         | 17.33  | 17.44  | 17.47   |            |          |
| 15                                                        | 36        | 39        |         | 17.49  | 17.51  | 17.43   |            |          |
| 15                                                        | 75        | 0         |         | 17.72  | 17.57  | 17.34   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.6 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                        | 1         | 0         | QPSK    | 22.64  | 22.61  | 22.59   | 23.25      | 0.2113   |
| 10                                                        | 1         | 25        |         | 22.52  | 22.51  | 22.65   |            |          |
| 10                                                        | 1         | 49        |         | 22.37  | 22.45  | 22.60   |            |          |
| 10                                                        | 25        | 0         |         | 21.54  | 21.72  | 21.52   |            |          |
| 10                                                        | 25        | 12        |         | 21.57  | 21.61  | 21.54   |            |          |
| 10                                                        | 25        | 25        |         | 21.58  | 21.63  | 21.50   |            |          |
| 10                                                        | 50        | 0         |         | 21.62  | 21.74  | 21.74   |            |          |
| 10                                                        | 1         | 0         | 16-QAM  | 21.65  | 21.92  | 21.74   | 22.55      | 0.1799   |
| 10                                                        | 1         | 25        |         | 21.83  | 21.95  | 21.79   |            |          |
| 10                                                        | 1         | 49        |         | 21.63  | 21.68  | 21.52   |            |          |
| 10                                                        | 25        | 0         |         | 20.65  | 20.59  | 20.67   |            |          |
| 10                                                        | 25        | 12        |         | 20.57  | 20.54  | 20.75   |            |          |
| 10                                                        | 25        | 25        |         | 20.54  | 20.71  | 20.53   |            |          |
| 10                                                        | 50        | 0         |         | 20.69  | 20.70  | 20.63   |            |          |
| 10                                                        | 1         | 0         | 64-QAM  | 20.78  | 20.79  | 20.61   | 21.44      | 0.1393   |
| 10                                                        | 1         | 25        |         | 20.74  | 20.83  | 20.84   |            |          |
| 10                                                        | 1         | 49        |         | 20.58  | 20.67  | 20.53   |            |          |
| 10                                                        | 25        | 0         |         | 19.59  | 19.55  | 19.57   |            |          |
| 10                                                        | 25        | 12        |         | 19.68  | 19.55  | 19.56   |            |          |
| 10                                                        | 25        | 25        |         | 19.65  | 19.58  | 19.54   |            |          |
| 10                                                        | 50        | 0         |         | 19.63  | 19.59  | 19.62   |            |          |
| 10                                                        | 1         | 0         | 256-QAM | 18.11  | 17.97  | 17.88   | 18.71      | 0.0743   |
| 10                                                        | 1         | 25        |         | 17.48  | 17.63  | 17.52   |            |          |
| 10                                                        | 1         | 49        |         | 17.23  | 17.36  | 17.41   |            |          |
| 10                                                        | 25        | 0         |         | 17.28  | 17.53  | 17.44   |            |          |
| 10                                                        | 25        | 12        |         | 17.64  | 17.48  | 17.43   |            |          |
| 10                                                        | 25        | 25        |         | 17.60  | 17.67  | 17.36   |            |          |
| 10                                                        | 50        | 0         |         | 17.62  | 17.60  | 17.38   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.6 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                         | 1         | 0         | QPSK    | 22.61  | 22.67  | 22.69   | 23.29      | 0.2133   |
| 5                                                         | 1         | 12        |         | 22.50  | 22.46  | 22.48   |            |          |
| 5                                                         | 1         | 24        |         | 22.41  | 22.50  | 22.52   |            |          |
| 5                                                         | 12        | 0         |         | 21.69  | 21.57  | 21.53   |            |          |
| 5                                                         | 12        | 7         |         | 21.64  | 21.56  | 21.60   |            |          |
| 5                                                         | 12        | 13        |         | 21.53  | 21.59  | 21.61   |            |          |
| 5                                                         | 25        | 0         |         | 21.54  | 21.71  | 21.71   |            |          |
| 5                                                         | 1         | 0         | 16-QAM  | 21.74  | 21.90  | 21.84   | 22.50      | 0.1778   |
| 5                                                         | 1         | 12        |         | 21.89  | 21.90  | 21.70   |            |          |
| 5                                                         | 1         | 24        |         | 21.74  | 21.77  | 21.63   |            |          |
| 5                                                         | 12        | 0         |         | 20.64  | 20.57  | 20.55   |            |          |
| 5                                                         | 12        | 7         |         | 20.68  | 20.70  | 20.68   |            |          |
| 5                                                         | 12        | 13        |         | 20.66  | 20.65  | 20.66   |            |          |
| 5                                                         | 25        | 0         |         | 20.62  | 20.61  | 20.61   |            |          |
| 5                                                         | 1         | 0         | 64-QAM  | 20.78  | 20.78  | 20.71   | 21.38      | 0.1374   |
| 5                                                         | 1         | 12        |         | 20.76  | 20.74  | 20.69   |            |          |
| 5                                                         | 1         | 24        |         | 20.54  | 20.77  | 20.62   |            |          |
| 5                                                         | 12        | 0         |         | 19.69  | 19.52  | 19.72   |            |          |
| 5                                                         | 12        | 7         |         | 19.73  | 19.62  | 19.72   |            |          |
| 5                                                         | 12        | 13        |         | 19.48  | 19.51  | 19.64   |            |          |
| 5                                                         | 25        | 0         |         | 19.70  | 19.63  | 19.70   |            |          |
| 5                                                         | 1         | 0         | 256-QAM | 18.07  | 17.94  | 17.90   | 18.67      | 0.0736   |
| 5                                                         | 1         | 12        |         | 17.33  | 17.64  | 17.49   |            |          |
| 5                                                         | 1         | 24        |         | 17.28  | 17.33  | 17.34   |            |          |
| 5                                                         | 12        | 0         |         | 17.45  | 17.51  | 17.44   |            |          |
| 5                                                         | 12        | 7         |         | 17.53  | 17.50  | 17.55   |            |          |
| 5                                                         | 12        | 13        |         | 17.67  | 17.71  | 17.39   |            |          |
| 5                                                         | 25        | 0         |         | 17.75  | 17.46  | 17.39   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.6 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                         | 1         | 0         | QPSK    | 22.69  | 22.61  | 22.61   | 23.29      | 0.2133   |
| 3                                                         | 1         | 8         |         | 22.54  | 22.51  | 22.51   |            |          |
| 3                                                         | 1         | 14        |         | 22.40  | 22.42  | 22.49   |            |          |
| 3                                                         | 8         | 0         |         | 21.67  | 21.71  | 21.64   |            |          |
| 3                                                         | 8         | 4         |         | 21.59  | 21.53  | 21.53   |            |          |
| 3                                                         | 8         | 7         |         | 21.53  | 21.56  | 21.57   |            |          |
| 3                                                         | 15        | 0         |         | 21.54  | 21.77  | 21.59   |            |          |
| 3                                                         | 1         | 0         | 16-QAM  | 21.77  | 21.88  | 21.69   | 22.56      | 0.1803   |
| 3                                                         | 1         | 8         |         | 21.73  | 21.96  | 21.85   |            |          |
| 3                                                         | 1         | 14        |         | 21.62  | 21.68  | 21.54   |            |          |
| 3                                                         | 8         | 0         |         | 20.61  | 20.57  | 20.63   |            |          |
| 3                                                         | 8         | 4         |         | 20.57  | 20.67  | 20.60   |            |          |
| 3                                                         | 8         | 7         |         | 20.49  | 20.65  | 20.58   |            |          |
| 3                                                         | 15        | 0         |         | 20.64  | 20.55  | 20.71   |            |          |
| 3                                                         | 1         | 0         | 64-QAM  | 20.70  | 20.76  | 20.58   | 21.48      | 0.1406   |
| 3                                                         | 1         | 8         |         | 20.82  | 20.88  | 20.72   |            |          |
| 3                                                         | 1         | 14        |         | 20.60  | 20.69  | 20.71   |            |          |
| 3                                                         | 8         | 0         |         | 19.66  | 19.60  | 19.69   |            |          |
| 3                                                         | 8         | 4         |         | 19.76  | 19.62  | 19.68   |            |          |
| 3                                                         | 8         | 7         |         | 19.53  | 19.69  | 19.57   |            |          |
| 3                                                         | 15        | 0         |         | 19.65  | 19.55  | 19.68   |            |          |
| 3                                                         | 1         | 0         | 256-QAM | 17.93  | 17.91  | 17.92   | 18.53      | 0.0713   |
| 3                                                         | 1         | 8         |         | 17.40  | 17.54  | 17.46   |            |          |
| 3                                                         | 1         | 14        |         | 17.34  | 17.37  | 17.40   |            |          |
| 3                                                         | 8         | 0         |         | 17.35  | 17.43  | 17.43   |            |          |
| 3                                                         | 8         | 4         |         | 17.65  | 17.57  | 17.51   |            |          |
| 3                                                         | 8         | 7         |         | 17.73  | 17.60  | 17.47   |            |          |
| 3                                                         | 15        | 0         |         | 17.66  | 17.58  | 17.34   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.6 dB) |           |           |         |        |        |         |            |          |
|-----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                  | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                       | 1         | 0         | QPSK    | 22.71  | 22.71  | 22.57   | 23.35      | 0.2163   |
| 1.4                                                       | 1         | 3         |         | 22.61  | 22.65  | 22.64   |            |          |
| 1.4                                                       | 1         | 5         |         | 22.66  | 22.67  | 22.64   |            |          |
| 1.4                                                       | 3         | 0         |         | 22.62  | 22.61  | 22.57   |            |          |
| 1.4                                                       | 3         | 1         |         | 22.65  | 22.75  | 22.57   |            |          |
| 1.4                                                       | 3         | 3         |         | 22.59  | 22.69  | 22.71   |            |          |
| 1.4                                                       | 6         | 0         |         | 21.67  | 21.86  | 21.69   |            |          |
| 1.4                                                       | 1         | 0         | 16-QAM  | 21.70  | 21.95  | 21.89   | 22.56      | 0.1803   |
| 1.4                                                       | 1         | 3         |         | 21.79  | 21.96  | 21.66   |            |          |
| 1.4                                                       | 1         | 5         |         | 21.79  | 21.96  | 21.85   |            |          |
| 1.4                                                       | 3         | 0         |         | 21.88  | 21.71  | 21.75   |            |          |
| 1.4                                                       | 3         | 1         |         | 21.62  | 21.84  | 21.65   |            |          |
| 1.4                                                       | 3         | 3         |         | 21.68  | 21.73  | 21.68   |            |          |
| 1.4                                                       | 6         | 0         |         | 20.63  | 20.77  | 20.56   |            |          |
| 1.4                                                       | 1         | 0         | 64-QAM  | 20.63  | 20.70  | 20.64   | 21.53      | 0.1422   |
| 1.4                                                       | 1         | 3         |         | 20.87  | 20.81  | 20.88   |            |          |
| 1.4                                                       | 1         | 5         |         | 20.59  | 20.93  | 20.88   |            |          |
| 1.4                                                       | 3         | 0         |         | 20.73  | 20.89  | 20.86   |            |          |
| 1.4                                                       | 3         | 1         |         | 20.76  | 20.92  | 20.76   |            |          |
| 1.4                                                       | 3         | 3         |         | 20.54  | 20.89  | 20.85   |            |          |
| 1.4                                                       | 6         | 0         |         | 19.64  | 19.69  | 19.87   |            |          |
| 1.4                                                       | 1         | 0         | 256-QAM | 17.53  | 17.58  | 17.86   | 18.54      | 0.0714   |
| 1.4                                                       | 1         | 3         |         | 17.67  | 17.94  | 17.57   |            |          |
| 1.4                                                       | 1         | 5         |         | 17.86  | 17.94  | 17.75   |            |          |
| 1.4                                                       | 3         | 0         |         | 17.79  | 17.70  | 17.57   |            |          |
| 1.4                                                       | 3         | 1         |         | 17.80  | 17.80  | 17.66   |            |          |
| 1.4                                                       | 3         | 3         |         | 17.59  | 17.79  | 17.63   |            |          |
| 1.4                                                       | 6         | 0         |         | 17.89  | 17.57  | 17.62   |            |          |
| Limit                                                     | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.6 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                         | 1         | 0         | QPSK    | 22.78  | 22.64  | 22.61   | 23.38      | 0.2178   |
| 20                                                         | 1         | 49        |         | 22.65  | 22.63  | 22.60   |            |          |
| 20                                                         | 1         | 99        |         | 22.47  | 22.46  | 22.56   |            |          |
| 20                                                         | 50        | 0         |         | 21.72  | 21.67  | 21.64   |            |          |
| 20                                                         | 50        | 24        |         | 21.66  | 21.64  | 21.60   |            |          |
| 20                                                         | 50        | 50        |         | 21.61  | 21.61  | 21.60   |            |          |
| 20                                                         | 100       | 0         |         | 21.63  | 21.61  | 21.55   |            |          |
| 20                                                         | 1         | 0         | 16-QAM  | 21.83  | 21.97  | 21.85   | 22.57      | 0.1807   |
| 20                                                         | 1         | 49        |         | 21.92  | 21.93  | 21.87   |            |          |
| 20                                                         | 1         | 99        |         | 21.72  | 21.78  | 21.81   |            |          |
| 20                                                         | 50        | 0         |         | 20.72  | 20.55  | 20.60   |            |          |
| 20                                                         | 50        | 24        |         | 20.66  | 20.59  | 20.56   |            |          |
| 20                                                         | 50        | 50        |         | 20.62  | 20.58  | 20.55   |            |          |
| 20                                                         | 100       | 0         |         | 20.62  | 20.59  | 20.53   |            |          |
| 20                                                         | 1         | 0         | 64-QAM  | 20.76  | 20.80  | 20.69   | 21.40      | 0.1380   |
| 20                                                         | 1         | 49        |         | 20.80  | 20.80  | 20.73   |            |          |
| 20                                                         | 1         | 99        |         | 20.60  | 20.64  | 20.69   |            |          |
| 20                                                         | 50        | 0         |         | 19.71  | 19.56  | 19.64   |            |          |
| 20                                                         | 50        | 24        |         | 19.64  | 19.59  | 19.61   |            |          |
| 20                                                         | 50        | 50        |         | 19.61  | 19.58  | 19.54   |            |          |
| 20                                                         | 100       | 0         |         | 19.60  | 19.59  | 19.53   |            |          |
| 20                                                         | 1         | 0         | 256-QAM | 18.08  | 18.01  | 18.16   | 18.76      | 0.0752   |
| 20                                                         | 1         | 49        |         | 17.90  | 17.97  | 17.83   |            |          |
| 20                                                         | 1         | 99        |         | 17.79  | 17.67  | 17.74   |            |          |
| 20                                                         | 50        | 0         |         | 17.21  | 17.33  | 17.35   |            |          |
| 20                                                         | 50        | 24        |         | 17.42  | 17.45  | 17.54   |            |          |
| 20                                                         | 50        | 50        |         | 17.53  | 17.43  | 17.47   |            |          |
| 20                                                         | 100       | 0         |         | 17.46  | 17.37  | 17.46   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.6 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                         | 1         | 0         | QPSK    | 22.58  | 22.53  | 22.57   | 23.19      | 0.2084   |
| 15                                                         | 1         | 37        |         | 22.45  | 22.49  | 22.59   |            |          |
| 15                                                         | 1         | 74        |         | 22.36  | 22.27  | 22.41   |            |          |
| 15                                                         | 36        | 0         |         | 21.72  | 21.49  | 21.44   |            |          |
| 15                                                         | 36        | 20        |         | 21.65  | 21.64  | 21.46   |            |          |
| 15                                                         | 36        | 39        |         | 21.55  | 21.48  | 21.54   |            |          |
| 15                                                         | 75        | 0         |         | 21.52  | 21.44  | 21.42   |            |          |
| 15                                                         | 1         | 0         | 16-QAM  | 21.70  | 21.89  | 21.81   | 22.51      | 0.1782   |
| 15                                                         | 1         | 37        |         | 21.79  | 21.91  | 21.83   |            |          |
| 15                                                         | 1         | 74        |         | 21.72  | 21.69  | 21.78   |            |          |
| 15                                                         | 36        | 0         |         | 20.65  | 20.49  | 20.46   |            |          |
| 15                                                         | 36        | 20        |         | 20.46  | 20.58  | 20.51   |            |          |
| 15                                                         | 36        | 39        |         | 20.55  | 20.56  | 20.38   |            |          |
| 15                                                         | 75        | 0         |         | 20.60  | 20.49  | 20.33   |            |          |
| 15                                                         | 1         | 0         | 64-QAM  | 20.60  | 20.72  | 20.57   | 21.32      | 0.1355   |
| 15                                                         | 1         | 37        |         | 20.71  | 20.71  | 20.55   |            |          |
| 15                                                         | 1         | 74        |         | 20.50  | 20.52  | 20.52   |            |          |
| 15                                                         | 36        | 0         |         | 19.69  | 19.42  | 19.61   |            |          |
| 15                                                         | 36        | 20        |         | 19.52  | 19.40  | 19.43   |            |          |
| 15                                                         | 36        | 39        |         | 19.52  | 19.38  | 19.53   |            |          |
| 15                                                         | 75        | 0         |         | 19.54  | 19.48  | 19.33   |            |          |
| 15                                                         | 1         | 0         | 256-QAM | 18.03  | 17.85  | 18.06   | 18.66      | 0.0735   |
| 15                                                         | 1         | 37        |         | 17.80  | 17.77  | 17.75   |            |          |
| 15                                                         | 1         | 74        |         | 17.66  | 17.47  | 17.69   |            |          |
| 15                                                         | 36        | 0         |         | 17.08  | 17.17  | 17.28   |            |          |
| 15                                                         | 36        | 20        |         | 17.34  | 17.28  | 17.42   |            |          |
| 15                                                         | 36        | 39        |         | 17.35  | 17.32  | 17.35   |            |          |
| 15                                                         | 75        | 0         |         | 17.39  | 17.28  | 17.36   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.6 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                         | 1         | 0         | QPSK    | 22.64  | 22.45  | 22.54   | 23.24      | 0.2109   |
| 10                                                         | 1         | 25        |         | 22.50  | 22.57  | 22.45   |            |          |
| 10                                                         | 1         | 49        |         | 22.32  | 22.46  | 22.54   |            |          |
| 10                                                         | 25        | 0         |         | 21.66  | 21.48  | 21.59   |            |          |
| 10                                                         | 25        | 12        |         | 21.55  | 21.60  | 21.44   |            |          |
| 10                                                         | 25        | 25        |         | 21.60  | 21.49  | 21.56   |            |          |
| 10                                                         | 50        | 0         |         | 21.47  | 21.50  | 21.46   |            |          |
| 10                                                         | 1         | 0         | 16-QAM  | 21.66  | 21.96  | 21.80   | 22.56      | 0.1803   |
| 10                                                         | 1         | 25        |         | 21.89  | 21.83  | 21.74   |            |          |
| 10                                                         | 1         | 49        |         | 21.57  | 21.73  | 21.68   |            |          |
| 10                                                         | 25        | 0         |         | 20.62  | 20.40  | 20.56   |            |          |
| 10                                                         | 25        | 12        |         | 20.65  | 20.56  | 20.40   |            |          |
| 10                                                         | 25        | 25        |         | 20.48  | 20.53  | 20.48   |            |          |
| 10                                                         | 50        | 0         |         | 20.56  | 20.50  | 20.42   |            |          |
| 10                                                         | 1         | 0         | 64-QAM  | 20.71  | 20.80  | 20.60   | 21.40      | 0.1380   |
| 10                                                         | 1         | 25        |         | 20.72  | 20.79  | 20.72   |            |          |
| 10                                                         | 1         | 49        |         | 20.57  | 20.58  | 20.66   |            |          |
| 10                                                         | 25        | 0         |         | 19.61  | 19.46  | 19.46   |            |          |
| 10                                                         | 25        | 12        |         | 19.62  | 19.40  | 19.44   |            |          |
| 10                                                         | 25        | 25        |         | 19.49  | 19.39  | 19.34   |            |          |
| 10                                                         | 50        | 0         |         | 19.48  | 19.58  | 19.46   |            |          |
| 10                                                         | 1         | 0         | 256-QAM | 18.03  | 17.90  | 18.14   | 18.74      | 0.0748   |
| 10                                                         | 1         | 25        |         | 17.81  | 17.97  | 17.72   |            |          |
| 10                                                         | 1         | 49        |         | 17.76  | 17.63  | 17.56   |            |          |
| 10                                                         | 25        | 0         |         | 17.08  | 17.19  | 17.27   |            |          |
| 10                                                         | 25        | 12        |         | 17.42  | 17.31  | 17.41   |            |          |
| 10                                                         | 25        | 25        |         | 17.38  | 17.38  | 17.34   |            |          |
| 10                                                         | 50        | 0         |         | 17.33  | 17.18  | 17.33   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.6 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                          | 1         | 0         | QPSK    | 22.62  | 22.55  | 22.52   | 23.22      | 0.2099   |
| 5                                                          | 1         | 12        |         | 22.53  | 22.51  | 22.46   |            |          |
| 5                                                          | 1         | 24        |         | 22.43  | 22.31  | 22.44   |            |          |
| 5                                                          | 12        | 0         |         | 21.70  | 21.58  | 21.46   |            |          |
| 5                                                          | 12        | 7         |         | 21.56  | 21.62  | 21.41   |            |          |
| 5                                                          | 12        | 13        |         | 21.43  | 21.42  | 21.48   |            |          |
| 5                                                          | 25        | 0         |         | 21.59  | 21.60  | 21.46   |            |          |
| 5                                                          | 1         | 0         | 16-QAM  | 21.82  | 21.90  | 21.80   | 22.50      | 0.1778   |
| 5                                                          | 1         | 12        |         | 21.77  | 21.85  | 21.86   |            |          |
| 5                                                          | 1         | 24        |         | 21.64  | 21.64  | 21.74   |            |          |
| 5                                                          | 12        | 0         |         | 20.61  | 20.53  | 20.46   |            |          |
| 5                                                          | 12        | 7         |         | 20.54  | 20.52  | 20.54   |            |          |
| 5                                                          | 12        | 13        |         | 20.55  | 20.51  | 20.42   |            |          |
| 5                                                          | 25        | 0         |         | 20.50  | 20.46  | 20.41   |            |          |
| 5                                                          | 1         | 0         | 64-QAM  | 20.69  | 20.68  | 20.50   | 21.34      | 0.1361   |
| 5                                                          | 1         | 12        |         | 20.74  | 20.67  | 20.61   |            |          |
| 5                                                          | 1         | 24        |         | 20.49  | 20.52  | 20.50   |            |          |
| 5                                                          | 12        | 0         |         | 19.69  | 19.46  | 19.45   |            |          |
| 5                                                          | 12        | 7         |         | 19.64  | 19.48  | 19.55   |            |          |
| 5                                                          | 12        | 13        |         | 19.50  | 19.50  | 19.50   |            |          |
| 5                                                          | 25        | 0         |         | 19.56  | 19.48  | 19.46   |            |          |
| 5                                                          | 1         | 0         | 256-QAM | 17.88  | 17.88  | 18.04   | 18.64      | 0.0731   |
| 5                                                          | 1         | 12        |         | 17.85  | 17.82  | 17.74   |            |          |
| 5                                                          | 1         | 24        |         | 17.70  | 17.60  | 17.54   |            |          |
| 5                                                          | 12        | 0         |         | 17.20  | 17.28  | 17.19   |            |          |
| 5                                                          | 12        | 7         |         | 17.23  | 17.45  | 17.50   |            |          |
| 5                                                          | 12        | 13        |         | 17.48  | 17.25  | 17.28   |            |          |
| 5                                                          | 25        | 0         |         | 17.35  | 17.17  | 17.36   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.6 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                          | 1         | 0         | QPSK    | 22.62  | 22.54  | 22.43   | 23.22      | 0.2099   |
| 3                                                          | 1         | 8         |         | 22.45  | 22.50  | 22.40   |            |          |
| 3                                                          | 1         | 14        |         | 22.34  | 22.28  | 22.41   |            |          |
| 3                                                          | 8         | 0         |         | 21.59  | 21.52  | 21.44   |            |          |
| 3                                                          | 8         | 4         |         | 21.52  | 21.60  | 21.45   |            |          |
| 3                                                          | 8         | 7         |         | 21.50  | 21.46  | 21.54   |            |          |
| 3                                                          | 15        | 0         |         | 21.58  | 21.61  | 21.36   |            |          |
| 3                                                          | 1         | 0         | 16-QAM  | 21.68  | 21.92  | 21.81   | 22.52      | 0.1786   |
| 3                                                          | 1         | 8         |         | 21.79  | 21.92  | 21.70   |            |          |
| 3                                                          | 1         | 14        |         | 21.54  | 21.72  | 21.71   |            |          |
| 3                                                          | 8         | 0         |         | 20.57  | 20.41  | 20.51   |            |          |
| 3                                                          | 8         | 4         |         | 20.63  | 20.59  | 20.44   |            |          |
| 3                                                          | 8         | 7         |         | 20.61  | 20.39  | 20.40   |            |          |
| 3                                                          | 15        | 0         |         | 20.57  | 20.59  | 20.52   |            |          |
| 3                                                          | 1         | 0         | 64-QAM  | 20.62  | 20.62  | 20.65   | 21.25      | 0.1334   |
| 3                                                          | 1         | 8         |         | 20.62  | 20.65  | 20.53   |            |          |
| 3                                                          | 1         | 14        |         | 20.40  | 20.57  | 20.55   |            |          |
| 3                                                          | 8         | 0         |         | 19.51  | 19.39  | 19.63   |            |          |
| 3                                                          | 8         | 4         |         | 19.51  | 19.43  | 19.57   |            |          |
| 3                                                          | 8         | 7         |         | 19.56  | 19.46  | 19.34   |            |          |
| 3                                                          | 15        | 0         |         | 19.59  | 19.51  | 19.39   |            |          |
| 3                                                          | 1         | 0         | 256-QAM | 17.89  | 17.95  | 18.10   | 18.70      | 0.0741   |
| 3                                                          | 1         | 8         |         | 17.79  | 17.84  | 17.71   |            |          |
| 3                                                          | 1         | 14        |         | 17.59  | 17.59  | 17.57   |            |          |
| 3                                                          | 8         | 0         |         | 17.05  | 17.23  | 17.23   |            |          |
| 3                                                          | 8         | 4         |         | 17.37  | 17.32  | 17.38   |            |          |
| 3                                                          | 8         | 7         |         | 17.39  | 17.37  | 17.47   |            |          |
| 3                                                          | 15        | 0         |         | 17.31  | 17.30  | 17.45   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.6 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                        | 1         | 0         | QPSK    | 22.55  | 22.51  | 22.42   | 23.23      | 0.2104   |
| 1.4                                                        | 1         | 3         |         | 22.57  | 22.56  | 22.60   |            |          |
| 1.4                                                        | 1         | 5         |         | 22.58  | 22.56  | 22.60   |            |          |
| 1.4                                                        | 3         | 0         |         | 22.55  | 22.63  | 22.59   |            |          |
| 1.4                                                        | 3         | 1         |         | 22.53  | 22.53  | 22.57   |            |          |
| 1.4                                                        | 3         | 3         |         | 22.50  | 22.46  | 22.50   |            |          |
| 1.4                                                        | 6         | 0         |         | 21.81  | 21.56  | 21.59   |            |          |
| 1.4                                                        | 1         | 0         | 16-QAM  | 21.63  | 21.75  | 21.57   | 22.40      | 0.1738   |
| 1.4                                                        | 1         | 3         |         | 21.76  | 21.59  | 21.49   |            |          |
| 1.4                                                        | 1         | 5         |         | 21.66  | 21.71  | 21.80   |            |          |
| 1.4                                                        | 3         | 0         |         | 21.69  | 21.70  | 21.69   |            |          |
| 1.4                                                        | 3         | 1         |         | 21.62  | 21.78  | 21.57   |            |          |
| 1.4                                                        | 3         | 3         |         | 21.52  | 21.76  | 21.74   |            |          |
| 1.4                                                        | 6         | 0         |         | 20.58  | 20.48  | 20.80   |            |          |
| 1.4                                                        | 1         | 0         | 64-QAM  | 20.58  | 20.44  | 20.61   | 21.41      | 0.1384   |
| 1.4                                                        | 1         | 3         |         | 20.49  | 20.76  | 20.59   |            |          |
| 1.4                                                        | 1         | 5         |         | 20.63  | 20.63  | 20.81   |            |          |
| 1.4                                                        | 3         | 0         |         | 20.78  | 20.60  | 20.58   |            |          |
| 1.4                                                        | 3         | 1         |         | 20.72  | 20.47  | 20.42   |            |          |
| 1.4                                                        | 3         | 3         |         | 20.48  | 20.70  | 20.45   |            |          |
| 1.4                                                        | 6         | 0         |         | 19.58  | 19.60  | 19.67   |            |          |
| 1.4                                                        | 1         | 0         | 256-QAM | 17.63  | 17.53  | 17.64   | 18.44      | 0.0698   |
| 1.4                                                        | 1         | 3         |         | 17.60  | 17.58  | 17.71   |            |          |
| 1.4                                                        | 1         | 5         |         | 17.58  | 17.76  | 17.66   |            |          |
| 1.4                                                        | 3         | 0         |         | 17.48  | 17.78  | 17.81   |            |          |
| 1.4                                                        | 3         | 1         |         | 17.71  | 17.84  | 17.59   |            |          |
| 1.4                                                        | 3         | 3         |         | 17.51  | 17.48  | 17.45   |            |          |
| 1.4                                                        | 6         | 0         |         | 17.71  | 17.78  | 17.48   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |        |        |         |            |          |
|---------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                      | 1         | 0         | QPSK    | 22.83  | 22.89  | 22.86   | 23.89      | 0.2449   |
| 20                                                      | 1         | 49        |         | 22.73  | 22.76  | 22.81   |            |          |
| 20                                                      | 1         | 99        |         | 22.75  | 22.69  | 22.62   |            |          |
| 20                                                      | 50        | 0         |         | 21.68  | 21.94  | 21.82   |            |          |
| 20                                                      | 50        | 24        |         | 21.86  | 21.90  | 21.86   |            |          |
| 20                                                      | 50        | 50        |         | 21.76  | 21.86  | 21.83   |            |          |
| 20                                                      | 100       | 0         |         | 21.73  | 21.86  | 21.82   |            |          |
| 20                                                      | 1         | 0         | 16-QAM  | 22.02  | 22.01  | 22.14   | 23.18      | 0.2080   |
| 20                                                      | 1         | 49        |         | 22.14  | 22.18  | 22.10   |            |          |
| 20                                                      | 1         | 99        |         | 22.04  | 21.95  | 21.89   |            |          |
| 20                                                      | 50        | 0         |         | 20.66  | 20.95  | 20.82   |            |          |
| 20                                                      | 50        | 24        |         | 20.86  | 20.86  | 20.84   |            |          |
| 20                                                      | 50        | 50        |         | 20.76  | 20.87  | 20.80   |            |          |
| 20                                                      | 100       | 0         |         | 20.73  | 20.85  | 20.80   |            |          |
| 20                                                      | 1         | 0         | 64-QAM  | 20.90  | 20.91  | 21.00   | 22.06      | 0.1607   |
| 20                                                      | 1         | 49        |         | 21.00  | 21.06  | 20.96   |            |          |
| 20                                                      | 1         | 99        |         | 20.93  | 20.85  | 20.76   |            |          |
| 20                                                      | 50        | 0         |         | 19.65  | 19.97  | 19.82   |            |          |
| 20                                                      | 50        | 24        |         | 19.84  | 19.89  | 19.81   |            |          |
| 20                                                      | 50        | 50        |         | 19.76  | 19.89  | 19.82   |            |          |
| 20                                                      | 100       | 0         |         | 19.72  | 19.83  | 19.81   |            |          |
| 20                                                      | 1         | 0         | 256-QAM | 18.33  | 18.29  | 18.29   | 19.38      | 0.0867   |
| 20                                                      | 1         | 49        |         | 18.38  | 18.31  | 18.36   |            |          |
| 20                                                      | 1         | 99        |         | 18.06  | 18.26  | 18.09   |            |          |
| 20                                                      | 50        | 0         |         | 17.65  | 17.89  | 18.03   |            |          |
| 20                                                      | 50        | 24        |         | 17.79  | 17.85  | 17.99   |            |          |
| 20                                                      | 50        | 50        |         | 17.91  | 17.88  | 17.90   |            |          |
| 20                                                      | 100       | 0         |         | 17.84  | 17.82  | 17.66   |            |          |
| Limit                                                   | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |        |        |         |            |          |
|---------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                      | 1         | 0         | QPSK    | 22.72  | 22.84  | 22.75   | 23.84      | 0.2421   |
| 15                                                      | 1         | 37        |         | 22.53  | 22.66  | 22.63   |            |          |
| 15                                                      | 1         | 74        |         | 22.57  | 22.67  | 22.60   |            |          |
| 15                                                      | 36        | 0         |         | 21.66  | 21.79  | 21.63   |            |          |
| 15                                                      | 36        | 20        |         | 21.71  | 21.90  | 21.81   |            |          |
| 15                                                      | 36        | 39        |         | 21.66  | 21.79  | 21.70   |            |          |
| 15                                                      | 75        | 0         |         | 21.67  | 21.78  | 21.81   |            |          |
| 15                                                      | 1         | 0         | 16-QAM  | 21.94  | 21.97  | 22.02   | 23.12      | 0.2051   |
| 15                                                      | 1         | 37        |         | 22.05  | 22.12  | 22.02   |            |          |
| 15                                                      | 1         | 74        |         | 21.97  | 21.88  | 21.78   |            |          |
| 15                                                      | 36        | 0         |         | 20.53  | 20.77  | 20.80   |            |          |
| 15                                                      | 36        | 20        |         | 20.71  | 20.77  | 20.76   |            |          |
| 15                                                      | 36        | 39        |         | 20.76  | 20.86  | 20.79   |            |          |
| 15                                                      | 75        | 0         |         | 20.58  | 20.71  | 20.62   |            |          |
| 15                                                      | 1         | 0         | 64-QAM  | 20.74  | 20.82  | 20.95   | 21.95      | 0.1567   |
| 15                                                      | 1         | 37        |         | 20.89  | 20.89  | 20.82   |            |          |
| 15                                                      | 1         | 74        |         | 20.84  | 20.65  | 20.74   |            |          |
| 15                                                      | 36        | 0         |         | 19.61  | 19.93  | 19.78   |            |          |
| 15                                                      | 36        | 20        |         | 19.71  | 19.81  | 19.65   |            |          |
| 15                                                      | 36        | 39        |         | 19.66  | 19.81  | 19.69   |            |          |
| 15                                                      | 75        | 0         |         | 19.63  | 19.68  | 19.77   |            |          |
| 15                                                      | 1         | 0         | 256-QAM | 18.18  | 18.09  | 18.24   | 19.30      | 0.0851   |
| 15                                                      | 1         | 37        |         | 18.30  | 18.11  | 18.17   |            |          |
| 15                                                      | 1         | 74        |         | 18.06  | 18.12  | 18.06   |            |          |
| 15                                                      | 36        | 0         |         | 17.51  | 17.69  | 18.01   |            |          |
| 15                                                      | 36        | 20        |         | 17.68  | 17.79  | 17.86   |            |          |
| 15                                                      | 36        | 39        |         | 17.85  | 17.85  | 17.86   |            |          |
| 15                                                      | 75        | 0         |         | 17.72  | 17.82  | 17.64   |            |          |
| Limit                                                   | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |        |        |         |            |          |
|---------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                      | 1         | 0         | QPSK    | 22.82  | 22.71  | 22.74   | 23.82      | 0.2410   |
| 10                                                      | 1         | 25        |         | 22.66  | 22.74  | 22.80   |            |          |
| 10                                                      | 1         | 49        |         | 22.66  | 22.59  | 22.50   |            |          |
| 10                                                      | 25        | 0         |         | 21.61  | 21.86  | 21.71   |            |          |
| 10                                                      | 25        | 12        |         | 21.86  | 21.90  | 21.69   |            |          |
| 10                                                      | 25        | 25        |         | 21.59  | 21.74  | 21.74   |            |          |
| 10                                                      | 50        | 0         |         | 21.56  | 21.82  | 21.79   |            |          |
| 10                                                      | 1         | 0         | 16-QAM  | 21.87  | 21.88  | 22.07   | 23.10      | 0.2042   |
| 10                                                      | 1         | 25        |         | 22.01  | 22.10  | 22.10   |            |          |
| 10                                                      | 1         | 49        |         | 21.93  | 21.80  | 21.74   |            |          |
| 10                                                      | 25        | 0         |         | 20.62  | 20.75  | 20.71   |            |          |
| 10                                                      | 25        | 12        |         | 20.75  | 20.69  | 20.66   |            |          |
| 10                                                      | 25        | 25        |         | 20.56  | 20.74  | 20.62   |            |          |
| 10                                                      | 50        | 0         |         | 20.68  | 20.76  | 20.79   |            |          |
| 10                                                      | 1         | 0         | 64-QAM  | 20.77  | 20.91  | 20.99   | 22.02      | 0.1592   |
| 10                                                      | 1         | 25        |         | 20.80  | 21.02  | 20.87   |            |          |
| 10                                                      | 1         | 49        |         | 20.84  | 20.71  | 20.65   |            |          |
| 10                                                      | 25        | 0         |         | 19.50  | 19.81  | 19.77   |            |          |
| 10                                                      | 25        | 12        |         | 19.68  | 19.88  | 19.66   |            |          |
| 10                                                      | 25        | 25        |         | 19.60  | 19.78  | 19.77   |            |          |
| 10                                                      | 50        | 0         |         | 19.63  | 19.82  | 19.74   |            |          |
| 10                                                      | 1         | 0         | 256-QAM | 18.26  | 18.16  | 18.27   | 19.33      | 0.0857   |
| 10                                                      | 1         | 25        |         | 18.28  | 18.19  | 18.33   |            |          |
| 10                                                      | 1         | 49        |         | 17.97  | 18.24  | 17.99   |            |          |
| 10                                                      | 25        | 0         |         | 17.50  | 17.89  | 17.99   |            |          |
| 10                                                      | 25        | 12        |         | 17.68  | 17.81  | 17.96   |            |          |
| 10                                                      | 25        | 25        |         | 17.85  | 17.79  | 17.86   |            |          |
| 10                                                      | 50        | 0         |         | 17.80  | 17.62  | 17.48   |            |          |
| Limit                                                   | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |        |        |         |            |          |
|---------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                       | 1         | 0         | QPSK    | 22.63  | 22.77  | 22.74   | 23.77      | 0.2382   |
| 5                                                       | 1         | 12        |         | 22.70  | 22.58  | 22.70   |            |          |
| 5                                                       | 1         | 24        |         | 22.55  | 22.60  | 22.49   |            |          |
| 5                                                       | 12        | 0         |         | 21.65  | 21.79  | 21.65   |            |          |
| 5                                                       | 12        | 7         |         | 21.80  | 21.90  | 21.82   |            |          |
| 5                                                       | 12        | 13        |         | 21.65  | 21.82  | 21.63   |            |          |
| 5                                                       | 25        | 0         |         | 21.70  | 21.74  | 21.75   |            |          |
| 5                                                       | 1         | 0         | 16-QAM  | 21.94  | 21.84  | 22.07   | 23.07      | 0.2028   |
| 5                                                       | 1         | 12        |         | 22.03  | 22.04  | 22.04   |            |          |
| 5                                                       | 1         | 24        |         | 21.86  | 21.91  | 21.73   |            |          |
| 5                                                       | 12        | 0         |         | 20.62  | 20.84  | 20.82   |            |          |
| 5                                                       | 12        | 7         |         | 20.76  | 20.83  | 20.75   |            |          |
| 5                                                       | 12        | 13        |         | 20.62  | 20.78  | 20.61   |            |          |
| 5                                                       | 25        | 0         |         | 20.70  | 20.71  | 20.80   |            |          |
| 5                                                       | 1         | 0         | 64-QAM  | 20.71  | 20.82  | 20.81   | 21.93      | 0.1560   |
| 5                                                       | 1         | 12        |         | 20.93  | 20.93  | 20.78   |            |          |
| 5                                                       | 1         | 24        |         | 20.85  | 20.80  | 20.68   |            |          |
| 5                                                       | 12        | 0         |         | 19.64  | 19.86  | 19.79   |            |          |
| 5                                                       | 12        | 7         |         | 19.74  | 19.86  | 19.74   |            |          |
| 5                                                       | 12        | 13        |         | 19.57  | 19.87  | 19.74   |            |          |
| 5                                                       | 25        | 0         |         | 19.71  | 19.72  | 19.69   |            |          |
| 5                                                       | 1         | 0         | 256-QAM | 18.28  | 18.15  | 18.17   | 19.30      | 0.0851   |
| 5                                                       | 1         | 12        |         | 18.21  | 18.17  | 18.30   |            |          |
| 5                                                       | 1         | 24        |         | 18.02  | 18.14  | 18.00   |            |          |
| 5                                                       | 12        | 0         |         | 17.59  | 17.81  | 18.02   |            |          |
| 5                                                       | 12        | 7         |         | 17.72  | 17.75  | 17.82   |            |          |
| 5                                                       | 12        | 13        |         | 17.84  | 17.77  | 17.87   |            |          |
| 5                                                       | 25        | 0         |         | 17.69  | 17.70  | 17.63   |            |          |
| Limit                                                   | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |        |        |         |            |          |
|---------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                       | 1         | 0         | QPSK    | 22.75  | 22.84  | 22.80   | 23.84      | 0.2421   |
| 3                                                       | 1         | 8         |         | 22.57  | 22.56  | 22.67   |            |          |
| 3                                                       | 1         | 14        |         | 22.64  | 22.52  | 22.52   |            |          |
| 3                                                       | 8         | 0         |         | 21.59  | 21.77  | 21.77   |            |          |
| 3                                                       | 8         | 4         |         | 21.83  | 21.85  | 21.85   |            |          |
| 3                                                       | 8         | 7         |         | 21.58  | 21.68  | 21.80   |            |          |
| 3                                                       | 15        | 0         |         | 21.64  | 21.77  | 21.64   |            |          |
| 3                                                       | 1         | 0         | 16-QAM  | 22.01  | 21.96  | 22.03   | 23.13      | 0.2056   |
| 3                                                       | 1         | 8         |         | 22.13  | 22.13  | 21.91   |            |          |
| 3                                                       | 1         | 14        |         | 21.90  | 21.77  | 21.77   |            |          |
| 3                                                       | 8         | 0         |         | 20.47  | 20.77  | 20.76   |            |          |
| 3                                                       | 8         | 4         |         | 20.74  | 20.73  | 20.64   |            |          |
| 3                                                       | 8         | 7         |         | 20.58  | 20.77  | 20.71   |            |          |
| 3                                                       | 15        | 0         |         | 20.70  | 20.81  | 20.69   |            |          |
| 3                                                       | 1         | 0         | 64-QAM  | 20.83  | 20.76  | 20.95   | 21.98      | 0.1578   |
| 3                                                       | 1         | 8         |         | 20.98  | 20.89  | 20.93   |            |          |
| 3                                                       | 1         | 14        |         | 20.73  | 20.75  | 20.58   |            |          |
| 3                                                       | 8         | 0         |         | 19.64  | 19.81  | 19.66   |            |          |
| 3                                                       | 8         | 4         |         | 19.69  | 19.76  | 19.81   |            |          |
| 3                                                       | 8         | 7         |         | 19.63  | 19.87  | 19.74   |            |          |
| 3                                                       | 15        | 0         |         | 19.71  | 19.75  | 19.81   |            |          |
| 3                                                       | 1         | 0         | 256-QAM | 18.32  | 18.26  | 18.23   | 19.36      | 0.0863   |
| 3                                                       | 1         | 8         |         | 18.31  | 18.18  | 18.36   |            |          |
| 3                                                       | 1         | 14        |         | 17.86  | 18.07  | 18.07   |            |          |
| 3                                                       | 8         | 0         |         | 17.63  | 17.79  | 18.01   |            |          |
| 3                                                       | 8         | 4         |         | 17.72  | 17.82  | 17.97   |            |          |
| 3                                                       | 8         | 7         |         | 17.82  | 17.76  | 17.79   |            |          |
| 3                                                       | 15        | 0         |         | 17.68  | 17.79  | 17.60   |            |          |
| Limit                                                   | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |        |        |         |            |          |
|---------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                     | 1         | 0         | QPSK    | 22.80  | 22.87  | 22.81   | 23.87      | 0.2438   |
| 1.4                                                     | 1         | 3         |         | 22.83  | 22.87  | 22.75   |            |          |
| 1.4                                                     | 1         | 5         |         | 22.71  | 22.69  | 22.69   |            |          |
| 1.4                                                     | 3         | 0         |         | 22.80  | 22.87  | 22.67   |            |          |
| 1.4                                                     | 3         | 1         |         | 22.75  | 22.82  | 22.84   |            |          |
| 1.4                                                     | 3         | 3         |         | 22.63  | 22.76  | 22.72   |            |          |
| 1.4                                                     | 6         | 0         |         | 21.91  | 22.04  | 21.79   |            |          |
| 1.4                                                     | 1         | 0         | 16-QAM  | 21.77  | 21.72  | 21.69   | 23.07      | 0.2028   |
| 1.4                                                     | 1         | 3         |         | 21.80  | 21.79  | 21.93   |            |          |
| 1.4                                                     | 1         | 5         |         | 21.65  | 22.07  | 21.70   |            |          |
| 1.4                                                     | 3         | 0         |         | 21.82  | 21.72  | 21.82   |            |          |
| 1.4                                                     | 3         | 1         |         | 21.78  | 21.95  | 21.96   |            |          |
| 1.4                                                     | 3         | 3         |         | 22.01  | 21.73  | 21.82   |            |          |
| 1.4                                                     | 6         | 0         |         | 20.66  | 20.70  | 20.67   |            |          |
| 1.4                                                     | 1         | 0         | 64-QAM  | 21.02  | 20.70  | 21.04   | 22.04      | 0.1600   |
| 1.4                                                     | 1         | 3         |         | 20.78  | 20.99  | 20.91   |            |          |
| 1.4                                                     | 1         | 5         |         | 20.94  | 20.91  | 20.91   |            |          |
| 1.4                                                     | 3         | 0         |         | 20.94  | 20.98  | 20.75   |            |          |
| 1.4                                                     | 3         | 1         |         | 20.92  | 20.91  | 20.85   |            |          |
| 1.4                                                     | 3         | 3         |         | 20.96  | 20.80  | 20.74   |            |          |
| 1.4                                                     | 6         | 0         |         | 19.81  | 19.77  | 19.83   |            |          |
| 1.4                                                     | 1         | 0         | 256-QAM | 17.78  | 18.05  | 17.79   | 19.06      | 0.0805   |
| 1.4                                                     | 1         | 3         |         | 17.96  | 17.92  | 17.68   |            |          |
| 1.4                                                     | 1         | 5         |         | 17.95  | 17.90  | 18.05   |            |          |
| 1.4                                                     | 3         | 0         |         | 17.88  | 18.00  | 17.75   |            |          |
| 1.4                                                     | 3         | 1         |         | 17.83  | 17.79  | 17.78   |            |          |
| 1.4                                                     | 3         | 3         |         | 17.64  | 17.76  | 17.87   |            |          |
| 1.4                                                     | 6         | 0         |         | 18.02  | 18.06  | 17.94   |            |          |
| Limit                                                   | EIRP < 1W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG190605B

| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.51 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                         | 1         | 0         | QPSK    | 22.91  | 22.85  | 22.83   | 24.42      | 0.2767   |
| 20                                                         | 1         | 49        |         | 22.77  | 22.64  | 22.65   |            |          |
| 20                                                         | 1         | 99        |         | 22.79  | 22.80  | 22.82   |            |          |
| 20                                                         | 50        | 0         |         | 21.92  | 21.89  | 21.86   |            |          |
| 20                                                         | 50        | 24        |         | 21.86  | 21.84  | 21.80   |            |          |
| 20                                                         | 50        | 50        |         | 21.78  | 21.81  | 21.84   |            |          |
| 20                                                         | 100       | 0         |         | 21.88  | 21.87  | 21.84   |            |          |
| 20                                                         | 1         | 0         | 16-QAM  | 22.05  | 21.97  | 22.00   | 23.78      | 0.2388   |
| 20                                                         | 1         | 49        |         | 22.27  | 22.20  | 22.16   |            |          |
| 20                                                         | 1         | 99        |         | 22.16  | 22.17  | 22.08   |            |          |
| 20                                                         | 50        | 0         |         | 20.84  | 20.83  | 20.86   |            |          |
| 20                                                         | 50        | 24        |         | 20.89  | 20.86  | 20.86   |            |          |
| 20                                                         | 50        | 50        |         | 20.88  | 20.90  | 20.89   |            |          |
| 20                                                         | 100       | 0         |         | 20.88  | 20.82  | 20.82   |            |          |
| 20                                                         | 1         | 0         | 64-QAM  | 20.88  | 20.82  | 20.87   | 22.62      | 0.1828   |
| 20                                                         | 1         | 49        |         | 21.11  | 21.04  | 21.00   |            |          |
| 20                                                         | 1         | 99        |         | 20.95  | 20.99  | 20.98   |            |          |
| 20                                                         | 50        | 0         |         | 19.83  | 19.80  | 19.86   |            |          |
| 20                                                         | 50        | 24        |         | 19.91  | 19.85  | 19.86   |            |          |
| 20                                                         | 50        | 50        |         | 19.86  | 19.87  | 19.87   |            |          |
| 20                                                         | 100       | 0         |         | 19.86  | 19.80  | 19.82   |            |          |
| 20                                                         | 1         | 0         | 256-QAM | 18.23  | 18.10  | 18.12   | 19.74      | 0.0942   |
| 20                                                         | 1         | 49        |         | 17.97  | 18.03  | 17.91   |            |          |
| 20                                                         | 1         | 99        |         | 17.90  | 17.88  | 17.68   |            |          |
| 20                                                         | 50        | 0         |         | 17.96  | 17.96  | 17.88   |            |          |
| 20                                                         | 50        | 24        |         | 18.04  | 17.89  | 17.68   |            |          |
| 20                                                         | 50        | 50        |         | 18.06  | 17.82  | 17.97   |            |          |
| 20                                                         | 100       | 0         |         | 17.82  | 17.85  | 17.76   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.51 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                         | 1         | 0         | QPSK    | 22.84  | 22.80  | 22.83   | 24.35      | 0.2723   |
| 15                                                         | 1         | 37        |         | 22.59  | 22.60  | 22.63   |            |          |
| 15                                                         | 1         | 74        |         | 22.73  | 22.63  | 22.63   |            |          |
| 15                                                         | 36        | 0         |         | 21.82  | 21.86  | 21.82   |            |          |
| 15                                                         | 36        | 20        |         | 21.74  | 21.66  | 21.78   |            |          |
| 15                                                         | 36        | 39        |         | 21.77  | 21.74  | 21.80   |            |          |
| 15                                                         | 75        | 0         |         | 21.83  | 21.69  | 21.83   |            |          |
| 15                                                         | 1         | 0         | 16-QAM  | 21.98  | 21.95  | 21.90   | 23.72      | 0.2355   |
| 15                                                         | 1         | 37        |         | 22.21  | 22.08  | 22.16   |            |          |
| 15                                                         | 1         | 74        |         | 22.04  | 22.05  | 21.95   |            |          |
| 15                                                         | 36        | 0         |         | 20.77  | 20.67  | 20.75   |            |          |
| 15                                                         | 36        | 20        |         | 20.80  | 20.84  | 20.76   |            |          |
| 15                                                         | 36        | 39        |         | 20.71  | 20.86  | 20.80   |            |          |
| 15                                                         | 75        | 0         |         | 20.82  | 20.71  | 20.65   |            |          |
| 15                                                         | 1         | 0         | 64-QAM  | 20.72  | 20.76  | 20.70   | 22.47      | 0.1766   |
| 15                                                         | 1         | 37        |         | 20.92  | 20.96  | 20.86   |            |          |
| 15                                                         | 1         | 74        |         | 20.91  | 20.82  | 20.85   |            |          |
| 15                                                         | 36        | 0         |         | 19.78  | 19.68  | 19.72   |            |          |
| 15                                                         | 36        | 20        |         | 19.84  | 19.67  | 19.70   |            |          |
| 15                                                         | 36        | 39        |         | 19.81  | 19.85  | 19.77   |            |          |
| 15                                                         | 75        | 0         |         | 19.79  | 19.79  | 19.76   |            |          |
| 15                                                         | 1         | 0         | 256-QAM | 18.17  | 17.90  | 17.94   | 19.68      | 0.0929   |
| 15                                                         | 1         | 37        |         | 17.87  | 17.86  | 17.91   |            |          |
| 15                                                         | 1         | 74        |         | 17.79  | 17.83  | 17.66   |            |          |
| 15                                                         | 36        | 0         |         | 17.89  | 17.92  | 17.81   |            |          |
| 15                                                         | 36        | 20        |         | 17.94  | 17.79  | 17.53   |            |          |
| 15                                                         | 36        | 39        |         | 18.01  | 17.62  | 17.95   |            |          |
| 15                                                         | 75        | 0         |         | 17.77  | 17.77  | 17.58   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.51 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                         | 1         | 0         | QPSK    | 22.90  | 22.85  | 22.64   | 24.41      | 0.2761   |
| 10                                                         | 1         | 25        |         | 22.69  | 22.52  | 22.48   |            |          |
| 10                                                         | 1         | 49        |         | 22.63  | 22.62  | 22.77   |            |          |
| 10                                                         | 25        | 0         |         | 21.82  | 21.83  | 21.81   |            |          |
| 10                                                         | 25        | 12        |         | 21.72  | 21.79  | 21.68   |            |          |
| 10                                                         | 25        | 25        |         | 21.78  | 21.79  | 21.74   |            |          |
| 10                                                         | 50        | 0         |         | 21.81  | 21.82  | 21.82   |            |          |
| 10                                                         | 1         | 0         | 16-QAM  | 21.85  | 21.92  | 21.96   | 23.67      | 0.2328   |
| 10                                                         | 1         | 25        |         | 22.07  | 22.09  | 22.16   |            |          |
| 10                                                         | 1         | 49        |         | 22.01  | 22.08  | 22.01   |            |          |
| 10                                                         | 25        | 0         |         | 20.82  | 20.66  | 20.81   |            |          |
| 10                                                         | 25        | 12        |         | 20.75  | 20.81  | 20.72   |            |          |
| 10                                                         | 25        | 25        |         | 20.82  | 20.85  | 20.83   |            |          |
| 10                                                         | 50        | 0         |         | 20.69  | 20.66  | 20.79   |            |          |
| 10                                                         | 1         | 0         | 64-QAM  | 20.73  | 20.79  | 20.87   | 22.53      | 0.1791   |
| 10                                                         | 1         | 25        |         | 21.00  | 21.02  | 20.82   |            |          |
| 10                                                         | 1         | 49        |         | 20.82  | 20.82  | 20.82   |            |          |
| 10                                                         | 25        | 0         |         | 19.63  | 19.76  | 19.78   |            |          |
| 10                                                         | 25        | 12        |         | 19.81  | 19.71  | 19.69   |            |          |
| 10                                                         | 25        | 25        |         | 19.74  | 19.79  | 19.80   |            |          |
| 10                                                         | 50        | 0         |         | 19.69  | 19.79  | 19.70   |            |          |
| 10                                                         | 1         | 0         | 256-QAM | 18.06  | 18.08  | 17.94   | 19.59      | 0.0910   |
| 10                                                         | 1         | 25        |         | 17.77  | 17.92  | 17.79   |            |          |
| 10                                                         | 1         | 49        |         | 17.82  | 17.86  | 17.62   |            |          |
| 10                                                         | 25        | 0         |         | 17.92  | 17.87  | 17.84   |            |          |
| 10                                                         | 25        | 12        |         | 17.87  | 17.75  | 17.48   |            |          |
| 10                                                         | 25        | 25        |         | 17.97  | 17.63  | 17.90   |            |          |
| 10                                                         | 50        | 0         |         | 17.68  | 17.67  | 17.68   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.51 dB) |           |           |         |        |        |         |            |          |
|------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                   | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                          | 1         | 0         | QPSK    | 22.71  | 22.78  | 22.71   | 24.29      | 0.2685   |
| 5                                                          | 1         | 12        |         | 22.75  | 22.47  | 22.45   |            |          |
| 5                                                          | 1         | 24        |         | 22.73  | 22.66  | 22.65   |            |          |
| 5                                                          | 12        | 0         |         | 21.83  | 21.89  | 21.66   |            |          |
| 5                                                          | 12        | 7         |         | 21.68  | 21.69  | 21.60   |            |          |
| 5                                                          | 12        | 13        |         | 21.66  | 21.66  | 21.74   |            |          |
| 5                                                          | 25        | 0         |         | 21.78  | 21.82  | 21.68   |            |          |
| 5                                                          | 1         | 0         | 16-QAM  | 21.86  | 21.92  | 21.94   | 23.70      | 0.2344   |
| 5                                                          | 1         | 12        |         | 22.19  | 22.18  | 22.16   |            |          |
| 5                                                          | 1         | 24        |         | 22.16  | 22.04  | 22.01   |            |          |
| 5                                                          | 12        | 0         |         | 20.74  | 20.75  | 20.69   |            |          |
| 5                                                          | 12        | 7         |         | 20.79  | 20.72  | 20.82   |            |          |
| 5                                                          | 12        | 13        |         | 20.82  | 20.77  | 20.85   |            |          |
| 5                                                          | 25        | 0         |         | 20.69  | 20.66  | 20.68   |            |          |
| 5                                                          | 1         | 0         | 64-QAM  | 20.79  | 20.79  | 20.71   | 22.49      | 0.1774   |
| 5                                                          | 1         | 12        |         | 20.93  | 20.91  | 20.95   |            |          |
| 5                                                          | 1         | 24        |         | 20.88  | 20.98  | 20.91   |            |          |
| 5                                                          | 12        | 0         |         | 19.78  | 19.74  | 19.70   |            |          |
| 5                                                          | 12        | 7         |         | 19.74  | 19.72  | 19.84   |            |          |
| 5                                                          | 12        | 13        |         | 19.73  | 19.81  | 19.74   |            |          |
| 5                                                          | 25        | 0         |         | 19.81  | 19.79  | 19.74   |            |          |
| 5                                                          | 1         | 0         | 256-QAM | 18.06  | 17.92  | 18.09   | 19.60      | 0.0912   |
| 5                                                          | 1         | 12        |         | 17.90  | 17.86  | 17.82   |            |          |
| 5                                                          | 1         | 24        |         | 17.79  | 17.68  | 17.53   |            |          |
| 5                                                          | 12        | 0         |         | 17.93  | 17.83  | 17.80   |            |          |
| 5                                                          | 12        | 7         |         | 17.99  | 17.73  | 17.58   |            |          |
| 5                                                          | 12        | 13        |         | 17.99  | 17.62  | 17.93   |            |          |
| 5                                                          | 25        | 0         |         | 17.72  | 17.73  | 17.69   |            |          |
| Limit                                                      | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.96 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                          | 1         | 0         | QPSK    | 22.61  | 22.64  | 22.67   | 23.63      | 0.2307   |
| 20                                                          | 1         | 49        |         | 22.54  | 22.47  | 22.46   |            |          |
| 20                                                          | 1         | 99        |         | 22.55  | 22.63  | 22.58   |            |          |
| 20                                                          | 50        | 0         |         | 21.62  | 21.62  | 21.72   |            |          |
| 20                                                          | 50        | 24        |         | 21.55  | 21.55  | 21.65   |            |          |
| 20                                                          | 50        | 50        |         | 21.56  | 21.57  | 21.61   |            |          |
| 20                                                          | 100       | 0         |         | 21.56  | 21.54  | 21.61   |            |          |
| 20                                                          | 1         | 0         | 16-QAM  | 21.61  | 21.73  | 21.74   | 22.70      | 0.1862   |
| 20                                                          | 1         | 49        |         | 21.59  | 21.66  | 21.60   |            |          |
| 20                                                          | 1         | 99        |         | 21.60  | 21.60  | 21.70   |            |          |
| 20                                                          | 50        | 0         |         | 20.63  | 20.55  | 20.67   |            |          |
| 20                                                          | 50        | 24        |         | 20.53  | 20.56  | 20.71   |            |          |
| 20                                                          | 50        | 50        |         | 20.61  | 20.58  | 20.63   |            |          |
| 20                                                          | 100       | 0         |         | 20.31  | 20.36  | 20.23   |            |          |
| 20                                                          | 1         | 0         | 64-QAM  | 20.42  | 20.37  | 20.47   | 21.57      | 0.1435   |
| 20                                                          | 1         | 49        |         | 20.24  | 20.36  | 20.30   |            |          |
| 20                                                          | 1         | 99        |         | 20.48  | 20.60  | 20.61   |            |          |
| 20                                                          | 50        | 0         |         | 19.57  | 19.65  | 19.59   |            |          |
| 20                                                          | 50        | 24        |         | 19.57  | 19.51  | 19.58   |            |          |
| 20                                                          | 50        | 50        |         | 19.55  | 19.57  | 19.62   |            |          |
| 20                                                          | 100       | 0         |         | 19.54  | 19.54  | 19.55   |            |          |
| 20                                                          | 1         | 0         | 256-QAM | 17.78  | 17.76  | 17.89   | 18.99      | 0.0793   |
| 20                                                          | 1         | 49        |         | 17.83  | 17.68  | 17.77   |            |          |
| 20                                                          | 1         | 99        |         | 17.80  | 17.74  | 17.75   |            |          |
| 20                                                          | 50        | 0         |         | 17.88  | 18.03  | 18.01   |            |          |
| 20                                                          | 50        | 24        |         | 17.86  | 17.91  | 18.03   |            |          |
| 20                                                          | 50        | 50        |         | 17.87  | 17.90  | 17.99   |            |          |
| 20                                                          | 100       | 0         |         | 17.82  | 17.91  | 17.97   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.96 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                          | 1         | 0         | QPSK    | 22.57  | 22.64  | 22.59   | 23.60      | 0.2291   |
| 15                                                          | 1         | 37        |         | 22.47  | 22.37  | 22.36   |            |          |
| 15                                                          | 1         | 74        |         | 22.47  | 22.62  | 22.50   |            |          |
| 15                                                          | 36        | 0         |         | 21.56  | 21.54  | 21.71   |            |          |
| 15                                                          | 36        | 20        |         | 21.48  | 21.53  | 21.59   |            |          |
| 15                                                          | 36        | 39        |         | 21.53  | 21.57  | 21.57   |            |          |
| 15                                                          | 75        | 0         |         | 21.53  | 21.46  | 21.48   |            |          |
| 15                                                          | 1         | 0         | 16-QAM  | 21.51  | 21.63  | 21.70   | 22.66      | 0.1845   |
| 15                                                          | 1         | 37        |         | 21.49  | 21.57  | 21.54   |            |          |
| 15                                                          | 1         | 74        |         | 21.56  | 21.57  | 21.67   |            |          |
| 15                                                          | 36        | 0         |         | 20.63  | 20.53  | 20.59   |            |          |
| 15                                                          | 36        | 20        |         | 20.43  | 20.46  | 20.63   |            |          |
| 15                                                          | 36        | 39        |         | 20.56  | 20.57  | 20.54   |            |          |
| 15                                                          | 75        | 0         |         | 20.21  | 20.28  | 20.14   |            |          |
| 15                                                          | 1         | 0         | 64-QAM  | 20.32  | 20.33  | 20.38   | 21.57      | 0.1435   |
| 15                                                          | 1         | 37        |         | 20.23  | 20.35  | 20.28   |            |          |
| 15                                                          | 1         | 74        |         | 20.44  | 20.58  | 20.61   |            |          |
| 15                                                          | 36        | 0         |         | 19.54  | 19.56  | 19.57   |            |          |
| 15                                                          | 36        | 20        |         | 19.56  | 19.43  | 19.48   |            |          |
| 15                                                          | 36        | 39        |         | 19.46  | 19.50  | 19.56   |            |          |
| 15                                                          | 75        | 0         |         | 19.50  | 19.45  | 19.47   |            |          |
| 15                                                          | 1         | 0         | 256-QAM | 17.76  | 17.75  | 17.83   | 18.95      | 0.0785   |
| 15                                                          | 1         | 37        |         | 17.76  | 17.64  | 17.69   |            |          |
| 15                                                          | 1         | 74        |         | 17.72  | 17.72  | 17.65   |            |          |
| 15                                                          | 36        | 0         |         | 17.81  | 17.99  | 17.91   |            |          |
| 15                                                          | 36        | 20        |         | 17.83  | 17.81  | 17.94   |            |          |
| 15                                                          | 36        | 39        |         | 17.80  | 17.83  | 17.94   |            |          |
| 15                                                          | 75        | 0         |         | 17.72  | 17.88  | 17.94   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.96 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                          | 1         | 0         | QPSK    | 22.53  | 22.58  | 22.62   | 23.58      | 0.2280   |
| 10                                                          | 1         | 25        |         | 22.49  | 22.41  | 22.39   |            |          |
| 10                                                          | 1         | 49        |         | 22.54  | 22.61  | 22.50   |            |          |
| 10                                                          | 25        | 0         |         | 21.53  | 21.61  | 21.72   |            |          |
| 10                                                          | 25        | 12        |         | 21.50  | 21.47  | 21.55   |            |          |
| 10                                                          | 25        | 25        |         | 21.51  | 21.49  | 21.59   |            |          |
| 10                                                          | 50        | 0         |         | 21.48  | 21.47  | 21.45   |            |          |
| 10                                                          | 1         | 0         | 16-QAM  | 21.51  | 21.66  | 21.69   | 22.66      | 0.1845   |
| 10                                                          | 1         | 25        |         | 21.50  | 21.59  | 21.56   |            |          |
| 10                                                          | 1         | 49        |         | 21.58  | 21.59  | 21.70   |            |          |
| 10                                                          | 25        | 0         |         | 20.62  | 20.55  | 20.67   |            |          |
| 10                                                          | 25        | 12        |         | 20.50  | 20.52  | 20.70   |            |          |
| 10                                                          | 25        | 25        |         | 20.60  | 20.52  | 20.62   |            |          |
| 10                                                          | 50        | 0         |         | 20.30  | 20.28  | 20.16   |            |          |
| 10                                                          | 1         | 0         | 64-QAM  | 20.42  | 20.28  | 20.46   | 21.50      | 0.1413   |
| 10                                                          | 1         | 25        |         | 20.22  | 20.35  | 20.29   |            |          |
| 10                                                          | 1         | 49        |         | 20.41  | 20.54  | 20.51   |            |          |
| 10                                                          | 25        | 0         |         | 19.53  | 19.58  | 19.56   |            |          |
| 10                                                          | 25        | 12        |         | 19.52  | 19.45  | 19.56   |            |          |
| 10                                                          | 25        | 25        |         | 19.55  | 19.50  | 19.53   |            |          |
| 10                                                          | 50        | 0         |         | 19.45  | 19.44  | 19.54   |            |          |
| 10                                                          | 1         | 0         | 256-QAM | 17.69  | 17.72  | 17.81   | 18.97      | 0.0789   |
| 10                                                          | 1         | 25        |         | 17.77  | 17.59  | 17.77   |            |          |
| 10                                                          | 1         | 49        |         | 17.72  | 17.67  | 17.72   |            |          |
| 10                                                          | 25        | 0         |         | 17.81  | 17.99  | 18.01   |            |          |
| 10                                                          | 25        | 12        |         | 17.80  | 17.85  | 17.93   |            |          |
| 10                                                          | 25        | 25        |         | 17.78  | 17.84  | 17.99   |            |          |
| 10                                                          | 50        | 0         |         | 17.72  | 17.81  | 17.93   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG190605B

| LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.96 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                           | 1         | 0         | QPSK    | 22.59  | 22.58  | 22.66   | 23.62      | 0.2301   |
| 5                                                           | 1         | 12        |         | 22.54  | 22.38  | 22.40   |            |          |
| 5                                                           | 1         | 24        |         | 22.49  | 22.59  | 22.54   |            |          |
| 5                                                           | 12        | 0         |         | 21.59  | 21.52  | 21.70   |            |          |
| 5                                                           | 12        | 7         |         | 21.47  | 21.45  | 21.61   |            |          |
| 5                                                           | 12        | 13        |         | 21.47  | 21.48  | 21.59   |            |          |
| 5                                                           | 25        | 0         |         | 21.50  | 21.53  | 21.44   |            |          |
| 5                                                           | 1         | 0         | 16-QAM  | 21.58  | 21.68  | 21.71   | 22.67      | 0.1849   |
| 5                                                           | 1         | 12        |         | 21.54  | 21.61  | 21.58   |            |          |
| 5                                                           | 1         | 24        |         | 21.54  | 21.58  | 21.68   |            |          |
| 5                                                           | 12        | 0         |         | 20.54  | 20.51  | 20.66   |            |          |
| 5                                                           | 12        | 7         |         | 20.52  | 20.51  | 20.71   |            |          |
| 5                                                           | 12        | 13        |         | 20.51  | 20.50  | 20.61   |            |          |
| 5                                                           | 25        | 0         |         | 20.26  | 20.28  | 20.13   |            |          |
| 5                                                           | 1         | 0         | 64-QAM  | 20.41  | 20.31  | 20.44   | 21.55      | 0.1429   |
| 5                                                           | 1         | 12        |         | 20.16  | 20.34  | 20.25   |            |          |
| 5                                                           | 1         | 24        |         | 20.43  | 20.59  | 20.53   |            |          |
| 5                                                           | 12        | 0         |         | 19.48  | 19.65  | 19.53   |            |          |
| 5                                                           | 12        | 7         |         | 19.47  | 19.41  | 19.57   |            |          |
| 5                                                           | 12        | 13        |         | 19.45  | 19.54  | 19.55   |            |          |
| 5                                                           | 25        | 0         |         | 19.51  | 19.47  | 19.54   |            |          |
| 5                                                           | 1         | 0         | 256-QAM | 17.71  | 17.74  | 17.79   | 18.94      | 0.0783   |
| 5                                                           | 1         | 12        |         | 17.73  | 17.68  | 17.69   |            |          |
| 5                                                           | 1         | 24        |         | 17.78  | 17.72  | 17.75   |            |          |
| 5                                                           | 12        | 0         |         | 17.88  | 17.98  | 17.96   |            |          |
| 5                                                           | 12        | 7         |         | 17.83  | 17.81  | 17.98   |            |          |
| 5                                                           | 12        | 13        |         | 17.87  | 17.82  | 17.92   |            |          |
| 5                                                           | 25        | 0         |         | 17.82  | 17.88  | 17.94   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG190605B

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |        |        |         |            |          |
|----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                 | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                       | 1         | 0         | QPSK    | 22.74  | 22.90  | 22.78   | 23.90      | 0.2455   |
| 20                                                       | 1         | 49        |         | 22.65  | 22.75  | 22.75   |            |          |
| 20                                                       | 1         | 99        |         | 22.58  | 22.63  | 22.59   |            |          |
| 20                                                       | 50        | 0         |         | 21.70  | 21.86  | 21.77   |            |          |
| 20                                                       | 50        | 24        |         | 21.68  | 21.82  | 21.74   |            |          |
| 20                                                       | 50        | 50        |         | 21.68  | 21.66  | 21.62   |            |          |
| 20                                                       | 100       | 0         |         | 21.68  | 21.77  | 21.68   |            |          |
| 20                                                       | 1         | 0         | 16-QAM  | 21.86  | 21.96  | 21.98   | 23.02      | 0.2004   |
| 20                                                       | 1         | 49        |         | 22.02  | 21.98  | 21.90   |            |          |
| 20                                                       | 1         | 99        |         | 21.86  | 21.90  | 21.73   |            |          |
| 20                                                       | 50        | 0         |         | 20.73  | 20.88  | 20.72   |            |          |
| 20                                                       | 50        | 24        |         | 20.74  | 20.81  | 20.78   |            |          |
| 20                                                       | 50        | 50        |         | 20.82  | 20.63  | 20.60   |            |          |
| 20                                                       | 100       | 0         |         | 20.73  | 20.76  | 20.69   |            |          |
| 20                                                       | 1         | 0         | 64-QAM  | 20.77  | 20.89  | 20.91   | 21.94      | 0.1563   |
| 20                                                       | 1         | 49        |         | 20.89  | 20.94  | 20.90   |            |          |
| 20                                                       | 1         | 99        |         | 20.74  | 20.75  | 20.72   |            |          |
| 20                                                       | 50        | 0         |         | 19.72  | 19.85  | 19.71   |            |          |
| 20                                                       | 50        | 24        |         | 19.72  | 19.82  | 19.78   |            |          |
| 20                                                       | 50        | 50        |         | 19.78  | 19.66  | 19.60   |            |          |
| 20                                                       | 100       | 0         |         | 19.73  | 19.75  | 19.66   |            |          |
| 20                                                       | 1         | 0         | 256-QAM | 17.86  | 18.04  | 17.90   | 19.24      | 0.0839   |
| 20                                                       | 1         | 49        |         | 18.24  | 18.10  | 18.01   |            |          |
| 20                                                       | 1         | 99        |         | 17.67  | 17.93  | 17.79   |            |          |
| 20                                                       | 50        | 0         |         | 17.54  | 17.80  | 17.59   |            |          |
| 20                                                       | 50        | 24        |         | 17.86  | 17.77  | 17.71   |            |          |
| 20                                                       | 50        | 50        |         | 17.40  | 17.59  | 17.67   |            |          |
| 20                                                       | 100       | 0         |         | 17.50  | 17.64  | 17.45   |            |          |
| Limit                                                    | EIRP < 1W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG190605B

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |        |        |         |            |          |
|----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                 | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                       | 1         | 0         | QPSK    | 22.74  | 22.77  | 22.64   | 23.77      | 0.2382   |
| 15                                                       | 1         | 37        |         | 22.47  | 22.72  | 22.66   |            |          |
| 15                                                       | 1         | 74        |         | 22.45  | 22.46  | 22.49   |            |          |
| 15                                                       | 36        | 0         |         | 21.52  | 21.74  | 21.72   |            |          |
| 15                                                       | 36        | 20        |         | 21.60  | 21.72  | 21.73   |            |          |
| 15                                                       | 36        | 39        |         | 21.53  | 21.47  | 21.49   |            |          |
| 15                                                       | 75        | 0         |         | 21.54  | 21.75  | 21.59   |            |          |
| 15                                                       | 1         | 0         | 16-QAM  | 21.74  | 21.94  | 21.79   | 22.94      | 0.1968   |
| 15                                                       | 1         | 37        |         | 21.94  | 21.88  | 21.76   |            |          |
| 15                                                       | 1         | 74        |         | 21.82  | 21.85  | 21.65   |            |          |
| 15                                                       | 36        | 0         |         | 20.54  | 20.83  | 20.55   |            |          |
| 15                                                       | 36        | 20        |         | 20.57  | 20.80  | 20.73   |            |          |
| 15                                                       | 36        | 39        |         | 20.76  | 20.58  | 20.49   |            |          |
| 15                                                       | 75        | 0         |         | 20.63  | 20.62  | 20.69   |            |          |
| 15                                                       | 1         | 0         | 64-QAM  | 20.69  | 20.76  | 20.88   | 21.88      | 0.1542   |
| 15                                                       | 1         | 37        |         | 20.88  | 20.82  | 20.76   |            |          |
| 15                                                       | 1         | 74        |         | 20.59  | 20.65  | 20.63   |            |          |
| 15                                                       | 36        | 0         |         | 19.67  | 19.68  | 19.55   |            |          |
| 15                                                       | 36        | 20        |         | 19.61  | 19.71  | 19.60   |            |          |
| 15                                                       | 36        | 39        |         | 19.71  | 19.66  | 19.41   |            |          |
| 15                                                       | 75        | 0         |         | 19.63  | 19.56  | 19.62   |            |          |
| 15                                                       | 1         | 0         | 256-QAM | 17.73  | 18.00  | 17.74   | 19.15      | 0.0822   |
| 15                                                       | 1         | 37        |         | 18.15  | 18.06  | 17.93   |            |          |
| 15                                                       | 1         | 74        |         | 17.66  | 17.85  | 17.69   |            |          |
| 15                                                       | 36        | 0         |         | 17.44  | 17.60  | 17.57   |            |          |
| 15                                                       | 36        | 20        |         | 17.84  | 17.69  | 17.56   |            |          |
| 15                                                       | 36        | 39        |         | 17.28  | 17.54  | 17.51   |            |          |
| 15                                                       | 75        | 0         |         | 17.36  | 17.45  | 17.36   |            |          |
| Limit                                                    | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |        |        |         |            |          |
|----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                 | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                       | 1         | 0         | QPSK    | 22.57  | 22.68  | 22.59   | 23.72      | 0.2355   |
| 10                                                       | 1         | 25        |         | 22.56  | 22.62  | 22.72   |            |          |
| 10                                                       | 1         | 49        |         | 22.53  | 22.61  | 22.43   |            |          |
| 10                                                       | 25        | 0         |         | 21.70  | 21.85  | 21.69   |            |          |
| 10                                                       | 25        | 12        |         | 21.62  | 21.79  | 21.64   |            |          |
| 10                                                       | 25        | 25        |         | 21.53  | 21.59  | 21.52   |            |          |
| 10                                                       | 50        | 0         |         | 21.50  | 21.76  | 21.55   |            |          |
| 10                                                       | 1         | 0         | 16-QAM  | 21.71  | 21.83  | 21.92   | 22.93      | 0.1963   |
| 10                                                       | 1         | 25        |         | 21.91  | 21.93  | 21.82   |            |          |
| 10                                                       | 1         | 49        |         | 21.75  | 21.77  | 21.61   |            |          |
| 10                                                       | 25        | 0         |         | 20.67  | 20.74  | 20.52   |            |          |
| 10                                                       | 25        | 12        |         | 20.73  | 20.74  | 20.71   |            |          |
| 10                                                       | 25        | 25        |         | 20.72  | 20.49  | 20.40   |            |          |
| 10                                                       | 50        | 0         |         | 20.62  | 20.76  | 20.62   |            |          |
| 10                                                       | 1         | 0         | 64-QAM  | 20.57  | 20.71  | 20.91   | 21.91      | 0.1552   |
| 10                                                       | 1         | 25        |         | 20.86  | 20.82  | 20.77   |            |          |
| 10                                                       | 1         | 49        |         | 20.62  | 20.70  | 20.67   |            |          |
| 10                                                       | 25        | 0         |         | 19.64  | 19.75  | 19.60   |            |          |
| 10                                                       | 25        | 12        |         | 19.65  | 19.63  | 19.60   |            |          |
| 10                                                       | 25        | 25        |         | 19.73  | 19.61  | 19.40   |            |          |
| 10                                                       | 50        | 0         |         | 19.71  | 19.59  | 19.60   |            |          |
| 10                                                       | 1         | 0         | 256-QAM | 17.77  | 18.01  | 17.88   | 19.09      | 0.0811   |
| 10                                                       | 1         | 25        |         | 18.07  | 18.09  | 18.01   |            |          |
| 10                                                       | 1         | 49        |         | 17.62  | 17.79  | 17.79   |            |          |
| 10                                                       | 25        | 0         |         | 17.43  | 17.77  | 17.59   |            |          |
| 10                                                       | 25        | 12        |         | 17.77  | 17.75  | 17.57   |            |          |
| 10                                                       | 25        | 25        |         | 17.26  | 17.55  | 17.57   |            |          |
| 10                                                       | 50        | 0         |         | 17.43  | 17.57  | 17.44   |            |          |
| Limit                                                    | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |        |        |         |            |          |
|----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                 | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                        | 1         | 0         | QPSK    | 22.66  | 22.64  | 22.71   | 23.71      | 0.2350   |
| 5                                                        | 1         | 12        |         | 22.54  | 22.61  | 22.70   |            |          |
| 5                                                        | 1         | 24        |         | 22.53  | 22.63  | 22.59   |            |          |
| 5                                                        | 12        | 0         |         | 21.70  | 21.86  | 21.70   |            |          |
| 5                                                        | 12        | 7         |         | 21.59  | 21.73  | 21.60   |            |          |
| 5                                                        | 12        | 13        |         | 21.50  | 21.65  | 21.43   |            |          |
| 5                                                        | 25        | 0         |         | 21.65  | 21.68  | 21.55   |            |          |
| 5                                                        | 1         | 0         | 16-QAM  | 21.71  | 21.79  | 21.96   | 22.98      | 0.1986   |
| 5                                                        | 1         | 12        |         | 21.98  | 21.83  | 21.81   |            |          |
| 5                                                        | 1         | 24        |         | 21.79  | 21.74  | 21.71   |            |          |
| 5                                                        | 12        | 0         |         | 20.54  | 20.78  | 20.61   |            |          |
| 5                                                        | 12        | 7         |         | 20.68  | 20.69  | 20.71   |            |          |
| 5                                                        | 12        | 13        |         | 20.67  | 20.49  | 20.48   |            |          |
| 5                                                        | 25        | 0         |         | 20.56  | 20.60  | 20.49   |            |          |
| 5                                                        | 1         | 0         | 64-QAM  | 20.70  | 20.80  | 20.91   | 21.91      | 0.1552   |
| 5                                                        | 1         | 12        |         | 20.79  | 20.77  | 20.78   |            |          |
| 5                                                        | 1         | 24        |         | 20.66  | 20.61  | 20.59   |            |          |
| 5                                                        | 12        | 0         |         | 19.58  | 19.83  | 19.71   |            |          |
| 5                                                        | 12        | 7         |         | 19.57  | 19.68  | 19.70   |            |          |
| 5                                                        | 12        | 13        |         | 19.74  | 19.49  | 19.46   |            |          |
| 5                                                        | 25        | 0         |         | 19.56  | 19.59  | 19.46   |            |          |
| 5                                                        | 1         | 0         | 256-QAM | 17.66  | 17.87  | 17.90   | 19.11      | 0.0815   |
| 5                                                        | 1         | 12        |         | 18.11  | 18.10  | 17.97   |            |          |
| 5                                                        | 1         | 24        |         | 17.63  | 17.83  | 17.66   |            |          |
| 5                                                        | 12        | 0         |         | 17.48  | 17.79  | 17.51   |            |          |
| 5                                                        | 12        | 7         |         | 17.86  | 17.63  | 17.67   |            |          |
| 5                                                        | 12        | 13        |         | 17.21  | 17.48  | 17.64   |            |          |
| 5                                                        | 25        | 0         |         | 17.36  | 17.57  | 17.31   |            |          |
| Limit                                                    | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |        |        |         |            |          |
|----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                 | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                        | 1         | 0         | QPSK    | 22.61  | 22.75  | 22.71   | 23.75      | 0.2371   |
| 3                                                        | 1         | 8         |         | 22.52  | 22.70  | 22.58   |            |          |
| 3                                                        | 1         | 14        |         | 22.52  | 22.50  | 22.57   |            |          |
| 3                                                        | 8         | 0         |         | 21.66  | 21.85  | 21.74   |            |          |
| 3                                                        | 8         | 4         |         | 21.52  | 21.67  | 21.70   |            |          |
| 3                                                        | 8         | 7         |         | 21.50  | 21.49  | 21.43   |            |          |
| 3                                                        | 15        | 0         |         | 21.49  | 21.74  | 21.51   |            |          |
| 3                                                        | 1         | 0         | 16-QAM  | 21.71  | 21.94  | 21.83   | 22.94      | 0.1968   |
| 3                                                        | 1         | 8         |         | 21.83  | 21.91  | 21.90   |            |          |
| 3                                                        | 1         | 14        |         | 21.85  | 21.71  | 21.66   |            |          |
| 3                                                        | 8         | 0         |         | 20.53  | 20.83  | 20.55   |            |          |
| 3                                                        | 8         | 4         |         | 20.72  | 20.80  | 20.68   |            |          |
| 3                                                        | 8         | 7         |         | 20.77  | 20.54  | 20.56   |            |          |
| 3                                                        | 15        | 0         |         | 20.62  | 20.67  | 20.59   |            |          |
| 3                                                        | 1         | 0         | 64-QAM  | 20.77  | 20.89  | 20.87   | 21.89      | 0.1545   |
| 3                                                        | 1         | 8         |         | 20.72  | 20.79  | 20.89   |            |          |
| 3                                                        | 1         | 14        |         | 20.63  | 20.73  | 20.65   |            |          |
| 3                                                        | 8         | 0         |         | 19.60  | 19.76  | 19.56   |            |          |
| 3                                                        | 8         | 4         |         | 19.69  | 19.69  | 19.75   |            |          |
| 3                                                        | 8         | 7         |         | 19.63  | 19.58  | 19.50   |            |          |
| 3                                                        | 15        | 0         |         | 19.71  | 19.74  | 19.46   |            |          |
| 3                                                        | 1         | 0         | 256-QAM | 17.85  | 18.03  | 17.80   | 19.14      | 0.0820   |
| 3                                                        | 1         | 8         |         | 18.14  | 17.95  | 17.93   |            |          |
| 3                                                        | 1         | 14        |         | 17.55  | 17.93  | 17.78   |            |          |
| 3                                                        | 8         | 0         |         | 17.35  | 17.64  | 17.58   |            |          |
| 3                                                        | 8         | 4         |         | 17.66  | 17.76  | 17.66   |            |          |
| 3                                                        | 8         | 7         |         | 17.26  | 17.41  | 17.49   |            |          |
| 3                                                        | 15        | 0         |         | 17.41  | 17.59  | 17.39   |            |          |
| Limit                                                    | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |        |        |         |            |          |
|----------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                 | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                      | 1         | 0         | QPSK    | 22.54  | 22.72  | 22.58   | 23.79      | 0.2393   |
| 1.4                                                      | 1         | 3         |         | 22.71  | 22.79  | 22.59   |            |          |
| 1.4                                                      | 1         | 5         |         | 22.61  | 22.78  | 22.61   |            |          |
| 1.4                                                      | 3         | 0         |         | 22.57  | 22.72  | 22.64   |            |          |
| 1.4                                                      | 3         | 1         |         | 22.62  | 22.68  | 22.77   |            |          |
| 1.4                                                      | 3         | 3         |         | 22.67  | 22.61  | 22.75   |            |          |
| 1.4                                                      | 6         | 0         |         | 21.69  | 21.93  | 21.60   |            |          |
| 1.4                                                      | 1         | 0         | 16-QAM  | 21.85  | 21.94  | 21.76   | 22.99      | 0.1991   |
| 1.4                                                      | 1         | 3         |         | 21.71  | 21.69  | 21.70   |            |          |
| 1.4                                                      | 1         | 5         |         | 21.56  | 21.98  | 21.77   |            |          |
| 1.4                                                      | 3         | 0         |         | 21.85  | 21.80  | 21.86   |            |          |
| 1.4                                                      | 3         | 1         |         | 21.85  | 21.99  | 21.73   |            |          |
| 1.4                                                      | 3         | 3         |         | 21.77  | 21.62  | 21.75   |            |          |
| 1.4                                                      | 6         | 0         |         | 20.63  | 20.79  | 20.58   |            |          |
| 1.4                                                      | 1         | 0         | 64-QAM  | 20.64  | 20.97  | 20.76   | 21.97      | 0.1574   |
| 1.4                                                      | 1         | 3         |         | 20.91  | 20.78  | 20.59   |            |          |
| 1.4                                                      | 1         | 5         |         | 20.65  | 20.91  | 20.63   |            |          |
| 1.4                                                      | 3         | 0         |         | 20.80  | 20.66  | 20.69   |            |          |
| 1.4                                                      | 3         | 1         |         | 20.72  | 20.74  | 20.80   |            |          |
| 1.4                                                      | 3         | 3         |         | 20.54  | 20.66  | 20.62   |            |          |
| 1.4                                                      | 6         | 0         |         | 19.69  | 19.65  | 19.69   |            |          |
| 1.4                                                      | 1         | 0         | 256-QAM | 17.81  | 17.72  | 17.91   | 18.98      | 0.0791   |
| 1.4                                                      | 1         | 3         |         | 17.57  | 17.98  | 17.93   |            |          |
| 1.4                                                      | 1         | 5         |         | 17.68  | 17.82  | 17.72   |            |          |
| 1.4                                                      | 3         | 0         |         | 17.70  | 17.85  | 17.59   |            |          |
| 1.4                                                      | 3         | 1         |         | 17.54  | 17.75  | 17.93   |            |          |
| 1.4                                                      | 3         | 3         |         | 17.86  | 17.61  | 17.58   |            |          |
| 1.4                                                      | 6         | 0         |         | 17.92  | 17.65  | 17.65   |            |          |
| Limit                                                    | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.52 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                          | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                                | 1         | 0         | QPSK   | 25.92  | 26.18  | 26.31   | 27.92      | 0.6194   |
| 20                                                                | 1         | 49        |        | 26.12  | 26.39  | 26.40   |            |          |
| 20                                                                | 1         | 99        |        | 26.08  | 26.28  | 26.25   |            |          |
| 20                                                                | 50        | 0         |        | 25.18  | 25.44  | 25.46   |            |          |
| 20                                                                | 50        | 24        |        | 25.19  | 25.42  | 25.47   |            |          |
| 20                                                                | 50        | 50        |        | 25.17  | 25.46  | 25.44   |            |          |
| 20                                                                | 100       | 0         |        | 25.16  | 25.42  | 25.43   |            |          |
| 20                                                                | 1         | 0         | 16-QAM | 25.14  | 25.50  | 25.51   | 27.03      | 0.5047   |
| 20                                                                | 1         | 0         | 64-QAM | 24.07  | 24.35  | 24.44   | 25.96      | 0.3945   |
| Limit                                                             | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.52 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                          | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                                | 1         | 0         | QPSK   | 26.06  | 26.35  | 26.36   | 27.88      | 0.6138   |
| 15                                                                | 1         | 0         | 16-QAM | 25.16  | 25.55  | 25.48   | 27.07      | 0.5093   |
| 15                                                                | 1         | 0         | 64-QAM | 24.12  | 24.40  | 24.39   | 25.92      | 0.3908   |
| Limit                                                             | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.52 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                          | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                                | 1         | 0         | QPSK   | 26.04  | 26.34  | 26.37   | 27.89      | 0.6152   |
| 10                                                                | 1         | 0         | 16-QAM | 25.27  | 25.64  | 25.59   | 27.16      | 0.5200   |
| 10                                                                | 1         | 0         | 64-QAM | 24.14  | 24.48  | 24.51   | 26.03      | 0.4009   |
| Limit                                                             | EIRP < 2W |           |        | Result |        |         | Pass       |          |

| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 1.52 dB) |           |           |        |        |        |         |            |          |
|-------------------------------------------------------------------|-----------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                          | RB Size   | RB Offset | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                                 | 1         | 0         | QPSK   | 26.05  | 26.34  | 26.38   | 27.90      | 0.6166   |
| 5                                                                 | 1         | 0         | 16-QAM | 25.27  | 25.62  | 25.64   | 27.16      | 0.5200   |
| 5                                                                 | 1         | 0         | 64-QAM | 24.23  | 24.53  | 24.53   | 26.05      | 0.4027   |
| Limit                                                             | EIRP < 2W |           |        | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG190605B

| LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |           |      |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|-----------|------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | PCC       |           | SCC     |           | Mod  | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                              | RB Size   | RB Offset | RB Size | RB Offset |      |        |        |         |            |          |
| 15+5                                                         | 1         | 0         | 1       | 24        | QPSK | 22.12  | 22.32  | 22.41   | 23.41      | 0.2193   |
| Limit                                                        | EIRP < 1W |           |         |           |      | Result |        |         | Pass       |          |

**FCC RADIO TEST REPORT**

Report No. : FG190605B

| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1 dB) |           |           |         |           |      |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|-----------|------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | PCC       |           | SCC     |           | Mod  | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                              | RB Size   | RB Offset | RB Size | RB Offset |      |        |        |         |            |          |
| 20+20                                                        | 1         | 0         | 1       | 99        | QPSK | 22.09  | 22.48  | 22.51   | 23.51      | 0.2244   |
| Limit                                                        | EIRP < 1W |           |         |           |      | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG190605B

| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.51 dB) |           |           |         |           |      |        |        |         |            |          |
|----------------------------------------------------------------|-----------|-----------|---------|-----------|------|--------|--------|---------|------------|----------|
| BW [MHz]                                                       | PCC       |           | SCC     |           | Mod  | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                | RB Size   | RB Offset | RB Size | RB Offset |      |        |        |         |            |          |
| 20+20                                                          | 1         | 0         | 1       | 99        | QPSK | 22.17  | 22.41  | 22.40   | 23.92      | 0.2466   |
| Limit                                                          | EIRP < 2W |           |         |           |      | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG190605B

| LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 0.96 dB) |           |           |         |           |      |        |        |         |            |          |
|-----------------------------------------------------------------|-----------|-----------|---------|-----------|------|--------|--------|---------|------------|----------|
| BW [MHz]                                                        | PCC       |           | SCC     |           | Mod  | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                 | RB Size   | RB Offset | RB Size | RB Offset |      |        |        |         |            |          |
| 20+20                                                           | 1         | 0         | 1       | 99        | QPSK | 22.13  | 22.14  | 22.32   | 23.28      | 0.2128   |
| Limit                                                           | EIRP < 2W |           |         |           |      | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG190605B

| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.52 dB) |           |           |         |           |        |        |        |         |            |          |
|-----------------------------------------------------------------|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                        | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                 | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | QPSK   | 19.85  | 18.65  | 19.98   | 23.34      | 0.2158   |
| 20+20                                                           | 1         | 0         | 1       | 99        |        | 12.70  | 12.49  | 12.72   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |        | 21.82  | 21.59  | 21.73   |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | 16-QAM | 19.07  | 18.86  | 19.07   | 22.33      | 0.1710   |
| 20+20                                                           | 1         | 0         | 1       | 99        |        | 12.71  | 12.47  | 12.76   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |        | 20.81  | 20.64  | 20.74   |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | 64-QAM | 18.99  | 18.82  | 19.02   | 20.54      | 0.1132   |
| 20+20                                                           | 1         | 0         | 1       | 99        |        | 12.73  | 12.49  | 12.71   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |        | 18.91  | 18.76  | 18.84   |            |          |
| 20+15                                                           | 100       | 0         | 75      | 0         | QPSK   | 19.89  | 19.67  | 19.88   | 23.42      | 0.2198   |
| 20+15                                                           | 1         | 0         | 1       | 74        |        | 12.92  | 12.78  | 12.97   |            |          |
| 20+15                                                           | 1         | 99        | 1       | 0         |        | 21.89  | 21.61  | 21.90   |            |          |
| 20+15                                                           | 100       | 0         | 75      | 0         | 16-QAM | 19.12  | 18.89  | 19.06   | 22.45      | 0.1758   |
| 20+15                                                           | 1         | 0         | 1       | 74        |        | 13.00  | 12.82  | 13.01   |            |          |
| 20+15                                                           | 1         | 99        | 1       | 0         |        | 20.92  | 20.68  | 20.93   |            |          |
| 20+15                                                           | 100       | 0         | 75      | 0         | 64-QAM | 19.11  | 18.85  | 19.05   | 20.63      | 0.1156   |
| 20+15                                                           | 1         | 0         | 1       | 74        |        | 12.96  | 12.81  | 13.02   |            |          |
| 20+15                                                           | 1         | 99        | 1       | 0         |        | 19.01  | 18.81  | 19.02   |            |          |
| 15+20                                                           | 75        | 0         | 100     | 0         | QPSK   | 19.84  | 19.61  | 18.89   | 23.28      | 0.2128   |
| 15+20                                                           | 1         | 0         | 1       | 99        |        | 12.78  | 12.77  | 12.93   |            |          |
| 15+20                                                           | 1         | 74        | 1       | 0         |        | 21.76  | 21.56  | 20.79   |            |          |
| 15+20                                                           | 75        | 0         | 100     | 0         | 16-QAM | 18.96  | 18.77  | 18.87   | 22.40      | 0.1738   |
| 15+20                                                           | 1         | 0         | 1       | 99        |        | 12.89  | 12.68  | 12.86   |            |          |
| 15+20                                                           | 1         | 74        | 1       | 0         |        | 20.88  | 20.50  | 18.83   |            |          |
| Limit                                                           | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 1.52 dB) |           |           |         |           |        |        |        |         |            |          |
|-----------------------------------------------------------------|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                        | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                 | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+10                                                           | 100       | 0         | 50      | 0         | QPSK   | 19.71  | 18.74  | 18.90   | 23.28      | 0.2128   |
| 20+10                                                           | 1         | 0         | 1       | 49        |        | 12.87  | 12.62  | 12.84   |            |          |
| 20+10                                                           | 1         | 99        | 1       | 0         |        | 21.76  | 20.63  | 20.80   |            |          |
| 20+10                                                           | 100       | 0         | 50      | 0         | 16-QAM | 19.00  | 18.80  | 18.88   | 20.52      | 0.1127   |
| 20+10                                                           | 1         | 0         | 1       | 49        |        | 12.94  | 12.80  | 12.92   |            |          |
| 10+20                                                           | 50        | 0         | 100     | 0         | QPSK   | 19.79  | 19.52  | 19.88   | 23.39      | 0.2183   |
| 10+20                                                           | 1         | 0         | 1       | 99        |        | 12.83  | 12.64  | 12.92   |            |          |
| 10+20                                                           | 1         | 49        | 1       | 0         |        | 21.84  | 21.49  | 21.87   |            |          |
| 10+20                                                           | 1         | 0         | 1       | 99        | 16-QAM | 12.94  | 12.80  | 13.00   | 22.30      | 0.1698   |
| 10+20                                                           | 1         | 49        | 1       | 0         |        | 20.77  | 20.54  | 20.78   |            |          |
| 20+5                                                            | 100       | 0         | 25      | 0         | QPSK   | 19.85  | 19.64  | 19.85   | 23.28      | 0.2128   |
| 20+5                                                            | 1         | 0         | 1       | 24        |        | 12.80  | 12.64  | 12.97   |            |          |
| 20+5                                                            | 1         | 99        | 1       | 0         |        | 21.76  | 21.60  | 21.75   |            |          |
| 20+5                                                            | 1         | 0         | 1       | 24        | 16-QAM | 12.96  | 12.76  | 12.93   | 22.31      | 0.1702   |
| 20+5                                                            | 1         | 99        | 1       | 0         |        | 20.73  | 20.51  | 20.79   |            |          |
| 5+20                                                            | 25        | 0         | 100     | 0         | QPSK   | 19.76  | 19.67  | 19.79   | 23.35      | 0.2163   |
| 5+20                                                            | 1         | 0         | 1       | 99        |        | 12.90  | 12.73  | 12.91   |            |          |
| 5+20                                                            | 1         | 24        | 1       | 0         |        | 21.73  | 21.50  | 21.83   |            |          |
| 5+20                                                            | 1         | 0         | 1       | 99        | 16-QAM | 12.87  | 12.62  | 12.94   | 22.39      | 0.1734   |
| 5+20                                                            | 1         | 24        | 1       | 0         |        | 20.87  | 20.53  | 20.75   |            |          |
| 15+10                                                           | 75        | 0         | 50      | 0         | QPSK   | 19.69  | 19.61  | 19.79   | 23.35      | 0.2163   |
| 15+10                                                           | 1         | 0         | 1       | 49        |        | 12.83  | 12.61  | 12.92   |            |          |
| 15+10                                                           | 1         | 74        | 1       | 0         |        | 21.83  | 21.50  | 21.71   |            |          |
| 15+10                                                           | 1         | 0         | 1       | 49        | 16-QAM | 12.85  | 12.70  | 12.82   | 22.34      | 0.1714   |
| 15+10                                                           | 1         | 74        | 1       | 0         |        | 20.78  | 20.50  | 20.82   |            |          |
| 10+15                                                           | 50        | 0         | 75      | 0         | QPSK   | 19.70  | 19.58  | 19.84   | 23.34      | 0.2158   |
| 10+15                                                           | 1         | 0         | 1       | 74        |        | 12.83  | 12.61  | 12.96   |            |          |
| 10+15                                                           | 1         | 49        | 1       | 0         |        | 21.80  | 21.60  | 21.82   |            |          |
| 10+15                                                           | 1         | 0         | 1       | 74        | 16-QAM | 12.83  | 12.70  | 12.92   | 22.45      | 0.1758   |
| 10+15                                                           | 1         | 49        | 1       | 0         |        | 20.85  | 20.49  | 20.93   |            |          |
| 15+15                                                           | 75        | 0         | 75      | 0         | QPSK   | 19.70  | 18.84  | 18.86   | 23.21      | 0.2094   |
| 15+15                                                           | 1         | 0         | 1       | 74        |        | 12.79  | 12.77  | 12.87   |            |          |
| 15+15                                                           | 1         | 74        | 1       | 0         |        | 21.69  | 20.49  | 20.89   |            |          |
| 15+15                                                           | 1         | 0         | 1       | 74        | 16-QAM | 12.98  | 12.72  | 12.96   | 22.30      | 0.1698   |
| 15+15                                                           | 1         | 74        | 1       | 0         |        | 20.78  | 18.68  | 18.90   |            |          |
| Limit                                                           | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG190605B

| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.52 dB) |           |           |         |           |        |        |        |         |            |          |
|-----------------------------------------------------------------------|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                              | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                       | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+20                                                                 | 100       | 0         | 100     | 0         | QPSK   | 24.34  | 24.33  | 24.40   | 27.84      | 0.6081   |
| 20+20                                                                 | 1         | 0         | 1       | 99        |        | 17.31  | 17.32  | 17.32   |            |          |
| 20+20                                                                 | 1         | 99        | 1       | 0         |        | 26.24  | 26.24  | 26.32   |            |          |
| 20+20                                                                 | 100       | 0         | 100     | 0         | 16-QAM | 23.40  | 23.38  | 23.44   | 26.37      | 0.4335   |
| 20+20                                                                 | 1         | 0         | 1       | 99        |        | 17.30  | 17.35  | 17.40   |            |          |
| 20+20                                                                 | 1         | 99        | 1       | 0         |        | 24.79  | 24.82  | 24.85   |            |          |
| 20+20                                                                 | 100       | 0         | 100     | 0         | 64-QAM | 23.39  | 23.39  | 23.45   | 24.97      | 0.3141   |
| 20+20                                                                 | 1         | 0         | 1       | 99        |        | 17.16  | 17.18  | 17.25   |            |          |
| 20+20                                                                 | 1         | 99        | 1       | 0         |        | 23.16  | 23.14  | 23.20   |            |          |
| 20+15                                                                 | 100       | 0         | 75      | 0         | QPSK   | 24.63  | 24.65  | 24.54   | 27.83      | 0.6067   |
| 20+15                                                                 | 1         | 0         | 1       | 74        |        | 17.68  | 17.58  | 17.75   |            |          |
| 20+15                                                                 | 1         | 99        | 1       | 0         |        | 26.31  | 26.08  | 26.13   |            |          |
| 20+15                                                                 | 100       | 0         | 75      | 0         | 16-QAM | 23.69  | 23.61  | 23.63   | 26.64      | 0.4613   |
| 20+15                                                                 | 1         | 0         | 1       | 74        |        | 17.68  | 17.59  | 17.77   |            |          |
| 20+15                                                                 | 1         | 99        | 1       | 0         |        | 25.12  | 24.88  | 25.06   |            |          |
| 20+15                                                                 | 100       | 0         | 75      | 0         | 64-QAM | 23.67  | 23.57  | 23.60   | 25.19      | 0.3304   |
| 20+15                                                                 | 1         | 0         | 1       | 74        |        | 17.67  | 17.64  | 17.77   |            |          |
| 20+15                                                                 | 1         | 99        | 1       | 0         |        | 23.56  | 23.46  | 23.49   |            |          |
| 15+20                                                                 | 75        | 0         | 100     | 0         | QPSK   | 24.59  | 24.61  | 24.63   | 27.77      | 0.5984   |
| 15+20                                                                 | 1         | 0         | 1       | 99        |        | 17.67  | 17.61  | 17.74   |            |          |
| 15+20                                                                 | 1         | 74        | 1       | 0         |        | 26.25  | 26.24  | 26.14   |            |          |
| 15+20                                                                 | 75        | 0         | 100     | 0         | 16-QAM | 23.66  | 23.64  | 23.67   | 26.68      | 0.4656   |
| 15+20                                                                 | 1         | 0         | 1       | 99        |        | 17.72  | 17.65  | 17.83   |            |          |
| 15+20                                                                 | 1         | 74        | 1       | 0         |        | 25.13  | 25.14  | 25.16   |            |          |
| 15+20                                                                 | 75        | 0         | 100     | 0         | 64-QAM | 23.67  | 23.65  | 23.66   | 25.19      | 0.3304   |
| 15+20                                                                 | 1         | 0         | 1       | 99        |        | 17.68  | 17.61  | 17.76   |            |          |
| 15+20                                                                 | 1         | 74        | 1       | 0         |        | 23.55  | 23.56  | 23.58   |            |          |
| Limit                                                                 | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG190605B

| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.52 dB) |           |           |         |           |        |        |        |         |            |          |
|-----------------------------------------------------------------------|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                              | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                       | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 20+10                                                                 | 100       | 0         | 50      | 0         | QPSK   | 24.60  | 24.58  | 24.57   | 27.77      | 0.5984   |
| 20+10                                                                 | 1         | 0         | 1       | 49        |        | 17.62  | 17.63  | 17.76   |            |          |
| 20+10                                                                 | 1         | 99        | 1       | 0         |        | 26.25  | 24.23  | 26.06   |            |          |
| 20+10                                                                 | 100       | 0         | 50      | 0         | 16-QAM | 23.67  | 23.58  | 23.64   | 26.36      | 0.4325   |
| 20+10                                                                 | 1         | 0         | 1       | 49        |        | 17.53  | 17.57  | 17.69   |            |          |
| 20+10                                                                 | 1         | 99        | 1       | 0         |        | 24.84  | 24.69  | 24.77   |            |          |
| 20+10                                                                 | 100       | 0         | 50      | 0         | 64-QAM | 23.65  | 23.60  | 23.60   | 25.17      | 0.3289   |
| 20+10                                                                 | 1         | 0         | 1       | 49        |        | 18.09  | 17.68  | 17.79   |            |          |
| 20+10                                                                 | 1         | 99        | 1       | 0         |        | 23.44  | 23.34  | 23.37   |            |          |
| 10+20                                                                 | 50        | 0         | 100     | 0         | QPSK   | 24.59  | 24.67  | 24.64   | 27.79      | 0.6012   |
| 10+20                                                                 | 1         | 0         | 1       | 99        |        | 17.64  | 17.66  | 17.73   |            |          |
| 10+20                                                                 | 1         | 49        | 1       | 0         |        | 26.21  | 26.23  | 26.27   |            |          |
| 10+20                                                                 | 50        | 0         | 100     | 0         | 16-QAM | 23.64  | 23.65  | 23.68   | 26.46      | 0.4426   |
| 10+20                                                                 | 1         | 0         | 1       | 99        |        | 17.53  | 17.51  | 17.65   |            |          |
| 10+20                                                                 | 1         | 49        | 1       | 0         |        | 24.88  | 24.94  | 24.87   |            |          |
| 10+20                                                                 | 50        | 0         | 100     | 0         | 64-QAM | 23.62  | 23.67  | 23.67   | 25.19      | 0.3304   |
| 10+20                                                                 | 1         | 0         | 1       | 99        |        | 17.68  | 17.67  | 17.76   |            |          |
| 10+20                                                                 | 1         | 49        | 1       | 0         |        | 23.46  | 23.48  | 23.46   |            |          |
| 20+5                                                                  | 100       | 0         | 25      | 0         | QPSK   | 24.62  | 24.62  | 24.53   | 27.66      | 0.5834   |
| 20+5                                                                  | 1         | 0         | 1       | 24        |        | 17.78  | 17.89  | 17.82   |            |          |
| 20+5                                                                  | 1         | 99        | 1       | 0         |        | 26.14  | 22.33  | 25.89   |            |          |
| 20+5                                                                  | 100       | 0         | 25      | 0         | 16-QAM | 23.68  | 23.67  | 23.63   | 26.59      | 0.4560   |
| 20+5                                                                  | 1         | 0         | 1       | 24        |        | 17.78  | 17.86  | 17.86   |            |          |
| 20+5                                                                  | 1         | 99        | 1       | 0         |        | 25.07  | 22.37  | 25.03   |            |          |
| 20+5                                                                  | 100       | 0         | 25      | 0         | 64-QAM | 23.69  | 23.65  | 23.62   | 25.21      | 0.3319   |
| 20+5                                                                  | 1         | 0         | 1       | 24        |        | 17.80  | 17.84  | 17.51   |            |          |
| 20+5                                                                  | 1         | 99        | 1       | 0         |        | 23.42  | 22.34  | 23.37   |            |          |
| Limit                                                                 | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = 1.52 dB) |           |           |         |           |        |        |        |         |            |          |
|-----------------------------------------------------------------------|-----------|-----------|---------|-----------|--------|--------|--------|---------|------------|----------|
| BW [MHz]                                                              | PCC       |           | SCC     |           | Mod    | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                       | RB Size   | RB Offset | RB Size | RB Offset |        |        |        |         |            |          |
| 5+20                                                                  | 25        | 0         | 100     | 0         | QPSK   | 24.36  | 24.72  | 24.52   | 27.76      | 0.5970   |
| 5+20                                                                  | 1         | 0         | 1       | 99        |        | 17.76  | 17.82  | 17.81   |            |          |
| 5+20                                                                  | 1         | 24        | 1       | 0         |        | 26.07  | 26.24  | 26.14   |            |          |
| 5+20                                                                  | 25        | 0         | 100     | 0         | 16-QAM | 23.63  | 23.78  | 23.75   | 26.62      | 0.4592   |
| 5+20                                                                  | 1         | 0         | 1       | 99        |        | 17.74  | 17.81  | 17.81   |            |          |
| 5+20                                                                  | 1         | 24        | 1       | 0         |        | 25.07  | 25.10  | 25.08   |            |          |
| 5+20                                                                  | 25        | 0         | 100     | 0         | 64-QAM | 23.66  | 23.30  | 23.75   | 25.27      | 0.3365   |
| 5+20                                                                  | 1         | 0         | 1       | 99        |        | 17.81  | 17.84  | 17.86   |            |          |
| 5+20                                                                  | 1         | 24        | 1       | 0         |        | 23.38  | 23.47  | 23.42   |            |          |
| 15+10                                                                 | 75        | 0         | 50      | 0         | QPSK   | 24.42  | 24.46  | 24.43   | 27.80      | 0.6026   |
| 15+10                                                                 | 1         | 0         | 1       | 49        |        | 17.61  | 17.75  | 17.73   |            |          |
| 15+10                                                                 | 1         | 74        | 1       | 0         |        | 26.28  | 26.03  | 26.20   |            |          |
| 15+10                                                                 | 75        | 0         | 50      | 0         | 16-QAM | 23.45  | 23.48  | 23.43   | 26.38      | 0.4345   |
| 15+10                                                                 | 1         | 0         | 1       | 49        |        | 17.63  | 17.75  | 17.75   |            |          |
| 15+10                                                                 | 1         | 74        | 1       | 0         |        | 24.81  | 24.85  | 24.86   |            |          |
| 15+10                                                                 | 75        | 0         | 50      | 0         | 64-QAM | 23.48  | 23.49  | 23.46   | 25.01      | 0.3170   |
| 15+10                                                                 | 1         | 0         | 1       | 49        |        | 17.48  | 17.58  | 17.57   |            |          |
| 15+10                                                                 | 1         | 74        | 1       | 0         |        | 23.19  | 23.20  | 23.18   |            |          |
| 10+15                                                                 | 50        | 0         | 75      | 0         | QPSK   | 24.39  | 24.50  | 24.45   | 27.83      | 0.6067   |
| 10+15                                                                 | 1         | 0         | 1       | 74        |        | 17.62  | 17.72  | 17.70   |            |          |
| 10+15                                                                 | 1         | 49        | 1       | 0         |        | 26.31  | 26.22  | 26.16   |            |          |
| 10+15                                                                 | 50        | 0         | 75      | 0         | 16-QAM | 23.45  | 23.54  | 23.53   | 26.43      | 0.4395   |
| 10+15                                                                 | 1         | 0         | 1       | 74        |        | 17.62  | 17.72  | 17.71   |            |          |
| 10+15                                                                 | 1         | 49        | 1       | 0         |        | 24.85  | 24.91  | 24.83   |            |          |
| 10+15                                                                 | 50        | 0         | 75      | 0         | 64-QAM | 23.48  | 23.55  | 23.53   | 25.07      | 0.3214   |
| 10+15                                                                 | 1         | 0         | 1       | 74        |        | 17.50  | 17.57  | 17.57   |            |          |
| 10+15                                                                 | 1         | 49        | 1       | 0         |        | 23.22  | 23.26  | 23.17   |            |          |
| 15+15                                                                 | 75        | 0         | 75      | 0         | QPSK   | 24.44  | 24.49  | 24.44   | 27.82      | 0.6053   |
| 15+15                                                                 | 1         | 0         | 1       | 74        |        | 17.65  | 17.68  | 17.74   |            |          |
| 15+15                                                                 | 1         | 74        | 1       | 0         |        | 26.30  | 26.30  | 26.30   |            |          |
| 15+15                                                                 | 75        | 0         | 75      | 0         | 16-QAM | 23.47  | 23.50  | 23.46   | 26.52      | 0.4487   |
| 15+15                                                                 | 1         | 0         | 1       | 74        |        | 17.63  | 17.67  | 17.77   |            |          |
| 15+15                                                                 | 1         | 74        | 1       | 0         |        | 24.95  | 25.00  | 24.89   |            |          |
| 15+15                                                                 | 75        | 0         | 75      | 0         | 64-QAM | 23.49  | 23.52  | 23.50   | 25.04      | 0.3192   |
| 15+15                                                                 | 1         | 0         | 1       | 74        |        | 17.52  | 17.52  | 17.58   |            |          |
| 15+15                                                                 | 1         | 74        | 1       | 0         |        | 23.32  | 22.90  | 23.30   |            |          |
| Limit                                                                 | EIRP < 2W |           |         |           |        | Result |        |         | Pass       |          |



## Appendix B. Test Results of Radiated Test

<Main Antenna>

### 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                 | -52.04          | -13              | -39.04                  | -70.6                   | -63.25                   | 1.41                       | 12.62                       | H                     |
|                            | 5556                 | -45.89          | -13              | -32.89                  | -68.78                  | -57.45                   | 1.74                       | 13.30                       | H                     |
|                            | 7404                 | -44.69          | -13              | -31.69                  | -71.67                  | -54.01                   | 1.94                       | 11.25                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3702                 | -52.13          | -13              | -39.13                  | -70.84                  | -63.34                   | 1.41                       | 12.62                       | V                     |
|                            | 5553                 | -49.49          | -13              | -36.49                  | -71.92                  | -61.05                   | 1.74                       | 13.30                       | V                     |
|                            | 7404                 | -44.67          | -13              | -31.67                  | -71.5                   | -53.99                   | 1.94                       | 11.25                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 3742                 | -52.09          | -13              | -39.09                  | -70.74                  | -63.31                   | 1.42                       | 12.65                       | H                     |
|                            | 5613                 | -47.84          | -13              | -34.84                  | -70.67                  | -59.40                   | 1.74                       | 13.30                       | H                     |
|                            | 7484                 | -45.22          | -13              | -32.22                  | -71.86                  | -54.36                   | 1.98                       | 11.13                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3744                 | -52.08          | -13              | -39.08                  | -70.94                  | -63.30                   | 1.42                       | 12.65                       | V                     |
|                            | 5613                 | -49.25          | -13              | -36.25                  | -71.74                  | -60.81                   | 1.74                       | 13.30                       | V                     |
|                            | 7482                 | -44.85          | -13              | -31.85                  | -71.44                  | -54.00                   | 1.98                       | 11.13                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3792 | -52.12 | -13 | -39.12 | -70.89 | -63.36 | 1.44 | 12.68 | H |
|         | 5688 | -46.82 | -13 | -33.82 | -70    | -58.39 | 1.73 | 13.30 | H |
|         | 7584 | -45.36 | -13 | -32.36 | -71.5  | -54.48 | 2.00 | 11.12 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3792 | -51.50 | -13 | -38.50 | -70.53 | -62.74 | 1.44 | 12.68 | V |
|         | 5688 | -49.34 | -13 | -36.34 | -71.99 | -60.91 | 1.73 | 13.30 | V |
|         | 7584 | -46.20 | -13 | -33.20 | -72.3  | -55.32 | 2.00 | 11.12 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

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

**LTE Band 26**

| 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                 | -60.16         | -13              | -47.16                  | -69.81                  | -65.75                   | 0.92                       | 8.66                        | H                     |
|                            | 2474                 | -43.12         | -13              | -30.12                  | -57.07                  | -50.49                   | 1.14                       | 10.66                       | H                     |
|                            | 3296                 | -54.93         | -13              | -41.93                  | -70.99                  | -63.47                   | 1.32                       | 12.01                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1648                 | -61.27         | -13              | -48.27                  | -70.39                  | -66.86                   | 0.92                       | 8.66                        | V                     |
|                            | 2474                 | -39.47         | -13              | -26.47                  | -53.57                  | -46.84                   | 1.14                       | 10.66                       | V                     |
|                            | 3296                 | -54.83         | -13              | -41.83                  | -71.36                  | -63.37                   | 1.32                       | 12.01                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1656                 | -60.65         | -13              | -47.65                  | -70.32                  | -66.27                   | 0.92                       | 8.69                        | H                     |
|                            | 2488                 | -44.03         | -13              | -31.03                  | -57.99                  | -51.42                   | 1.15                       | 10.68                       | H                     |
|                            | 3319                 | -54.69         | -13              | -41.69                  | -70.71                  | -63.28                   | 1.33                       | 12.07                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1656                 | -61.12         | -13              | -48.12                  | -70.22                  | -66.74                   | 0.92                       | 8.69                        | V                     |
|                            | 2488                 | -40.70         | -13              | -27.70                  | -54.85                  | -48.09                   | 1.15                       | 10.68                       | V                     |
|                            | 3319                 | -54.68         | -13              | -41.68                  | -71.16                  | -63.27                   | 1.33                       | 12.07                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1672 | -60.50 | -13 | -47.50 | -70.22 | -66.18 | 0.93 | 8.75  | H |
|         | 2504 | -42.89 | -13 | -29.89 | -56.85 | -50.29 | 1.15 | 10.70 | H |
|         | 3336 | -54.51 | -13 | -41.51 | -70.49 | -63.14 | 1.33 | 12.11 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1672 | -59.96 | -13 | -46.96 | -69.05 | -65.64 | 0.93 | 8.75  | V |
|         | 2504 | -41.06 | -13 | -28.06 | -55.23 | -48.46 | 1.15 | 10.70 | V |
|         | 3336 | -54.33 | -13 | -41.33 | -70.78 | -62.96 | 1.33 | 12.11 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | 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 ) | 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                           | 1664                 | -60.13         | -13              | -47.13                  | -69.82                  | -65.78                   | 0.93                       | 8.72                        | H                     |
|                                  | 2504                 | -42.91         | -13              | -29.91                  | -56.87                  | -50.31                   | 1.15                       | 10.70                       | H                     |
|                                  | 3336                 | -55.07         | -13              | -42.07                  | -71.06                  | -63.70                   | 1.33                       | 12.11                       | H                     |
|                                  |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                                  |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                                  |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                                  | 1664                 | -59.60         | -13              | -46.60                  | -68.7                   | -65.25                   | 0.93                       | 8.72                        | V                     |
|                                  | 2504                 | -44.18         | -13              | -31.18                  | -58.35                  | -51.58                   | 1.15                       | 10.70                       | V                     |
|                                  | 3336                 | -54.94         | -13              | -41.94                  | -71.39                  | -63.57                   | 1.33                       | 12.11                       | V                     |
|                                  |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                                  |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                                  |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                           | 1672                 | -58.08         | -13              | -45.08                  | -67.8                   | -63.76                   | 0.93                       | 8.75                        | H                     |
|                                  | 2508                 | -47.65         | -13              | -34.65                  | -61.6                   | -55.06                   | 1.15                       | 10.71                       | H                     |
|                                  | 3344                 | -46.37         | -13              | -33.37                  | -62.35                  | -55.01                   | 1.33                       | 12.13                       | H                     |
|                                  |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                                  |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                                  |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                                  | 1672                 | -65.16         | -13              | -52.16                  | -66.16                  | -70.84                   | 0.93                       | 8.75                        | V                     |
|                                  | 2508                 | -55.87         | -13              | -42.87                  | -56.89                  | -63.28                   | 1.15                       | 10.71                       | V                     |
|                                  | 3344                 | -70.09         | -13              | -57.09                  | -71.09                  | -78.73                   | 1.33                       | 12.13                       | V                     |
|                                  |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                                  |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                                  |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1680 | -60.52 | -13 | -47.52 | -70.24 | -66.22 | 0.93 | 8.78  | H |
|         | 2515 | -41.82 | -13 | -28.82 | -55.78 | -49.23 | 1.15 | 10.72 | H |
|         | 3354 | -55.04 | -13 | -42.04 | -70.99 | -63.71 | 1.33 | 12.15 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1680 | -58.48 | -13 | -45.48 | -67.55 | -64.18 | 0.93 | 8.78  | V |
|         | 2515 | -43.82 | -13 | -30.82 | -57.96 | -51.23 | 1.15 | 10.72 | V |
|         | 3354 | -54.71 | -13 | -41.71 | -71.11 | -63.38 | 1.33 | 12.15 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | 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                     | 1399                 | -58.06         | -13.00           | -45.06                  | -68.99                  | -62.70                   | 0.84                       | 7.64                        | H                     |
|                            | 2099                 | -44.69         | -13.00           | -31.69                  | -58.22                  | -51.62                   | 1.06                       | 10.14                       | H                     |
|                            | 2798                 | -55.72         | -13.00           | -42.72                  | -70.53                  | -63.41                   | 1.22                       | 11.06                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1399                 | -59.83         | -13.00           | -46.83                  | -69.54                  | -64.47                   | 0.84                       | 7.64                        | V                     |
|                            | 2099                 | -40.94         | -13.00           | -27.94                  | -53.37                  | -47.87                   | 1.06                       | 10.14                       | V                     |
|                            | 2798                 | -55.51         | -13.00           | -42.51                  | -70.26                  | -63.20                   | 1.22                       | 11.06                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1406                 | -57.80         | -13.00           | -44.80                  | -68.69                  | -62.47                   | 0.85                       | 7.67                        | H                     |
|                            | 2109                 | -46.38         | -13.00           | -33.38                  | -60.07                  | -53.32                   | 1.06                       | 10.15                       | H                     |
|                            | 2812                 | -55.70         | -13.00           | -42.70                  | -70.57                  | -63.40                   | 1.22                       | 11.07                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1406                 | -60.05         | -13.00           | -47.05                  | -69.72                  | -64.72                   | 0.85                       | 7.67                        | V                     |
|                            | 2109                 | -41.19         | -13.00           | -28.19                  | -53.77                  | -48.13                   | 1.06                       | 10.15                       | V                     |
|                            | 2812                 | -55.62         | -13.00           | -42.62                  | -70.44                  | -63.32                   | 1.22                       | 11.07                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |        |        |        |        |      |       |   |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1413 | -57.13 | -13.00 | -44.13 | -67.99 | -61.83 | 0.85 | 7.70  | H |
|         | 2120 | -45.07 | -13.00 | -32.07 | -58.94 | -52.02 | 1.07 | 10.17 | H |
|         | 2824 | -55.75 | -13.00 | -42.75 | -70.68 | -63.46 | 1.23 | 11.09 | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         | 1413 | -59.95 | -13.00 | -46.95 | -69.58 | -64.65 | 0.85 | 7.70  | V |
|         | 2120 | -44.93 | -13.00 | -31.93 | -57.67 | -51.88 | 1.07 | 10.17 | V |
|         | 2824 | -55.71 | -13.00 | -42.71 | -70.61 | -63.42 | 1.23 | 11.09 | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | V |

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

**LTE Band 13**

| LTE Band 13 / 5MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<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                    | 1555                 | -55.30         | -13              | -42.30                  | -65.20                  | -60.57                   | 0.89                       | 8.31                        | H                     |
|                           | 2332                 | -38.54         | -13              | -25.54                  | -52.90                  | -45.74                   | 1.11                       | 10.46                       | H                     |
|                           | 3109                 | -55.03         | -13              | -42.03                  | -71.03                  | -63.15                   | 1.29                       | 11.56                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1555                 | -58.87         | -13              | -45.87                  | -68.09                  | -64.14                   | 0.89                       | 8.31                        | V                     |
|                           | 2332                 | -38.92         | -13              | -25.92                  | -52.83                  | -46.12                   | 1.11                       | 10.46                       | V                     |
|                           | 3109                 | -54.46         | -13              | -41.46                  | -70.80                  | -62.58                   | 1.29                       | 11.56                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 1560                 | -54.78         | -42.15           | -12.63                  | -64.64                  | -60.07                   | 0.89                       | 8.33                        | H                     |
|                           | 2336                 | -36.08         | -13              | -23.08                  | -50.39                  | -43.29                   | 1.11                       | 10.47                       | H                     |
|                           | 3120                 | -54.67         | -13              | -41.67                  | -70.70                  | -62.82                   | 1.29                       | 11.59                       | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                           | 1560                 | -57.34         | -42.15           | -15.19                  | -66.56                  | -62.63                   | 0.89                       | 8.33                        | V                     |
|                           | 2336                 | -39.39         | -13              | -26.39                  | -53.29                  | -46.60                   | 1.11                       | 10.47                       | V                     |
|                           | 3120                 | -53.98         | -13              | -40.98                  | -70.37                  | -62.13                   | 1.29                       | 11.59                       | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |        |        |        |        |      |       |   |
|---------|------|--------|--------|--------|--------|--------|------|-------|---|
| Highest | 1565 | -56.27 | -42.15 | -14.12 | -66.09 | -61.57 | 0.89 | 8.35  | H |
|         | 2347 | -35.87 | -13    | -22.87 | -50.14 | -43.09 | 1.12 | 10.49 | H |
|         | 3129 | -54.46 | -13    | -41.46 | -70.52 | -62.63 | 1.29 | 11.61 | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         |      |        |        |        |        |        |      |       | H |
|         | 1565 | -56.37 | -42.15 | -14.22 | -65.58 | -61.67 | 0.89 | 8.35  | V |
|         | 2347 | -41.44 | -13    | -28.44 | -55.35 | -48.66 | 1.12 | 10.49 | V |
|         | 3129 | -54.36 | -13    | -41.36 | -70.79 | -62.53 | 1.29 | 11.61 | V |
|         |      |        |        |        |        |        |      |       | V |
|         |      |        |        |        |        |        |      |       | 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                     | 1555                 | -55.37         | -13              | -42.37                  | -65.27                  | -60.64                   | 0.89                       | 8.31                        | H                     |
|                            | 2333                 | -37.65         | -13              | -24.65                  | -52                     | -44.85                   | 1.11                       | 10.47                       | H                     |
|                            | 3112                 | -54.94         | -13              | -41.94                  | -70.96                  | -63.07                   | 1.29                       | 11.57                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1555                 | -57.48         | -13              | -44.48                  | -66.7                   | -62.75                   | 0.89                       | 8.31                        | V                     |
|                            | 2333                 | -39.52         | -13              | -26.52                  | -53.43                  | -46.72                   | 1.11                       | 10.47                       | V                     |
|                            | 3112                 | -54.90         | -13              | -41.90                  | -71.25                  | -63.03                   | 1.29                       | 11.57                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |

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

**LTE Band 71**

| LTE Band 71 / 20MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<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                 | -58.88         | -13              | -45.88                  | -69.51                  | -65.36                   | 0.83                       | 7.31                        | H                     |
|                            | 1992                 | -43.22         | -13              | -30.22                  | -55.04                  | -52.15                   | 1.04                       | 9.97                        | H                     |
|                            | 2656                 | -56.02         | -13              | -43.02                  | -70.25                  | -65.72                   | 1.19                       | 10.89                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1328                 | -59.45         | -13              | -46.45                  | -69.24                  | -65.93                   | 0.83                       | 7.31                        | V                     |
|                            | 1992                 | -43.18         | -13              | -30.18                  | -54.03                  | -52.11                   | 1.04                       | 9.97                        | V                     |
|                            | 2656                 | -56.47         | -13              | -43.47                  | -70.66                  | -66.17                   | 1.19                       | 10.89                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 1352                 | -59.05         | -13              | -46.05                  | -69.77                  | -65.64                   | 0.83                       | 7.42                        | H                     |
|                            | 2022                 | -46.99         | -13              | -33.99                  | -59.29                  | -55.98                   | 1.04                       | 10.03                       | H                     |
|                            | 2696                 | -56.02         | -13              | -43.02                  | -70.4                   | -65.76                   | 1.20                       | 10.94                       | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | H                     |
|                            | 1352                 | -60.38         | -13              | -47.38                  | -70.14                  | -66.97                   | 0.83                       | 7.42                        | V                     |
|                            | 2022                 | -45.74         | -13              | -32.74                  | -57.01                  | -54.73                   | 1.04                       | 10.03                       | V                     |
|                            | 2696                 | -56.16         | -13              | -43.16                  | -70.49                  | -65.90                   | 1.20                       | 10.94                       | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1360 | -58.88 | -13 | -45.88 | -69.64 | -65.50 | 0.83 | 7.46  | H |
|         | 2037 | -49.93 | -13 | -36.93 | -62.44 | -58.93 | 1.05 | 10.05 | H |
|         | 2712 | -56.07 | -13 | -43.07 | -70.52 | -65.82 | 1.20 | 10.95 | H |
|         | 3392 | -55.12 | -13 | -42.12 | -71.02 | -66.02 | 1.34 | 12.24 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1360 | -59.90 | -13 | -46.90 | -69.65 | -66.52 | 0.83 | 7.46  | V |
|         | 2037 | -48.91 | -13 | -35.91 | -60.44 | -57.91 | 1.05 | 10.05 | V |
|         | 2712 | -56.01 | -13 | -43.01 | -70.41 | -65.76 | 1.20 | 10.95 | V |
|         | 3392 | -52.50 | -13 | -39.50 | -68.83 | -63.40 | 1.34 | 12.24 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

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

**LTE Band 7**

| LTE Band 7 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<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                    | 5002                 | -50.17          | -25              | -25.17                  | -71.68                  | -61.16                   | 1.61                       | 12.60                       | H                     |
|                           | 7503                 | -45.39          | -25              | -20.39                  | -71.95                  | -54.50                   | 1.99                       | 11.10                       | H                     |
|                           | 10004                | -42.28          | -25              | -17.28                  | -71.24                  | -51.18                   | 2.40                       | 11.30                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5002                 | -50.64          | -25              | -25.64                  | -71.71                  | -61.63                   | 1.61                       | 12.60                       | V                     |
|                           | 7503                 | -45.48          | -25              | -20.48                  | -72.01                  | -54.59                   | 1.99                       | 11.10                       | V                     |
|                           | 10004                | -41.95          | -25              | -16.95                  | -71.69                  | -50.85                   | 2.40                       | 11.30                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                    | 5052                 | -50.07          | -25              | -25.07                  | -71.6                   | -61.12                   | 1.62                       | 12.67                       | H                     |
|                           | 7578                 | -45.19          | -25              | -20.19                  | -71.36                  | -54.30                   | 2.00                       | 11.12                       | H                     |
|                           | 10104                | -42.27          | -25              | -17.27                  | -71.54                  | -51.09                   | 2.40                       | 11.22                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5052                 | -50.12          | -25              | -25.12                  | -71.28                  | -61.17                   | 1.62                       | 12.67                       | V                     |
|                           | 7578                 | -45.69          | -25              | -20.69                  | -71.82                  | -54.80                   | 2.00                       | 11.12                       | V                     |
|                           | 10104                | -41.58          | -25              | -16.58                  | -71.42                  | -50.40                   | 2.40                       | 11.22                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5102  | -50.04 | -25 | -25.04 | -71.6  | -61.15 | 1.64 | 12.74 | H |
|         | 7653  | -45.28 | -25 | -20.28 | -71.36 | -54.40 | 2.01 | 11.13 | H |
|         | 10204 | -42.07 | -25 | -17.07 | -71.65 | -50.81 | 2.40 | 11.14 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5102  | -50.47 | -25 | -25.47 | -71.73 | -61.58 | 1.64 | 12.74 | V |
|         | 7653  | -45.99 | -25 | -20.99 | -71.95 | -55.11 | 2.01 | 11.13 | V |
|         | 10204 | -41.50 | -25 | -16.50 | -71.43 | -50.24 | 2.40 | 11.14 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | 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                 | -49.38          | -25              | -24.38                  | -70.92                  | -60.42                   | 1.62                       | 12.66                       | H                     |
|                                 | 7554                 | -44.52          | -25              | -19.52                  | -70.82                  | -53.63                   | 2.00                       | 11.11                       | H                     |
|                                 | 10071                | -42.10          | -25              | -17.10                  | -71.26                  | -50.94                   | 2.40                       | 11.24                       | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 | 5040                 | -50.09          | -25              | -25.09                  | -71.23                  | -61.13                   | 1.62                       | 12.66                       | V                     |
|                                 | 7554                 | -44.16          | -25              | -19.16                  | -70.41                  | -53.27                   | 2.00                       | 11.11                       | V                     |
|                                 | 10071                | -41.51          | -25              | -16.51                  | -71.32                  | -50.35                   | 2.40                       | 11.24                       | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                          | 5070                 | -49.93          | -25              | -24.93                  | -71.47                  | -61.00                   | 1.63                       | 12.70                       | H                     |
|                                 | 7602                 | -45.77          | -25              | -20.77                  | -71.83                  | -54.89                   | 2.00                       | 11.12                       | H                     |
|                                 | 10134                | -41.92          | -25              | -16.92                  | -71.28                  | -50.72                   | 2.40                       | 11.19                       | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 | 5070                 | -49.86          | -25              | -24.86                  | -71.05                  | -60.93                   | 1.63                       | 12.70                       | V                     |
|                                 | 7602                 | -44.05          | -25              | -19.05                  | -70.06                  | -53.17                   | 2.00                       | 11.12                       | V                     |
|                                 | 10134                | -41.37          | -25              | -16.37                  | -71.24                  | -50.17                   | 2.40                       | 11.19                       | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5100  | -49.83 | -25 | -24.83 | -71.39 | -60.93 | 1.64 | 12.74 | H |
|         | 7647  | -45.76 | -25 | -20.76 | -71.82 | -54.88 | 2.01 | 11.13 | H |
|         | 10197 | -41.68 | -25 | -16.68 | -71.23 | -50.43 | 2.40 | 11.14 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5100  | -49.93 | -25 | -24.93 | -71.19 | -61.03 | 1.64 | 12.74 | V |
|         | 7647  | -46.16 | -25 | -21.16 | -72.12 | -55.28 | 2.01 | 11.13 | V |
|         | 10197 | -41.64 | -25 | -16.64 | -71.56 | -50.39 | 2.40 | 11.14 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

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

**LTE Band 66**

| LTE Band 66 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<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                 | -54.67          | -13              | -41.67                  | -71.49                  | -65.64                   | 1.35                       | 12.31                       | H                     |
|                            | 5133                 | -49.28          | -13              | -36.28                  | -70.85                  | -60.42                   | 1.64                       | 12.79                       | H                     |
|                            | 6844                 | -46.82          | -13              | -33.82                  | -72.24                  | -57.20                   | 1.74                       | 12.12                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3422                 | -53.83          | -13              | -40.83                  | -71.07                  | -64.80                   | 1.35                       | 12.31                       | V                     |
|                            | 5133                 | -44.17          | -13              | -31.17                  | -65.49                  | -55.31                   | 1.64                       | 12.79                       | V                     |
|                            | 6844                 | -47.50          | -13              | -34.50                  | -72.53                  | -57.88                   | 1.74                       | 12.12                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 3472                 | -53.75          | -13              | -40.75                  | -71.1                   | -64.83                   | 1.35                       | 12.43                       | H                     |
|                            | 5208                 | -50.02          | -13              | -37.02                  | -71.66                  | -61.25                   | 1.66                       | 12.89                       | H                     |
|                            | 6944                 | -46.08          | -13              | -33.08                  | -72.01                  | -56.33                   | 1.73                       | 11.98                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3472                 | -53.65          | -13              | -40.65                  | -71.38                  | -64.73                   | 1.35                       | 12.43                       | V                     |
|                            | 5208                 | -44.06          | -13              | -31.06                  | -65.53                  | -55.29                   | 1.66                       | 12.89                       | V                     |
|                            | 6944                 | -46.89          | -13              | -33.89                  | -72.36                  | -57.14                   | 1.73                       | 11.98                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3522 | -53.61 | -13 | -40.61 | -71.4  | -64.76 | 1.37 | 12.51 | H |
|         | 5283 | -49.55 | -13 | -36.55 | -71.48 | -60.86 | 1.68 | 13.00 | H |
|         | 7044 | -45.70 | -13 | -32.70 | -72.08 | -55.79 | 1.74 | 11.83 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3522 | -53.25 | -13 | -40.25 | -71.32 | -64.40 | 1.37 | 12.51 | V |
|         | 5283 | -44.53 | -13 | -31.53 | -66.19 | -55.84 | 1.68 | 13.00 | V |
|         | 7044 | -46.20 | -13 | -33.20 | -72.13 | -56.29 | 1.74 | 11.83 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | 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                            | 3441                 | -53.93          | -13              | -40.93                  | -70.96                  | -64.94                   | 1.35                       | 12.36                       | H                     |
|                                   | 5156                 | -45.09          | -13              | -32.09                  | -66.67                  | -56.26                   | 1.65                       | 12.82                       | H                     |
|                                   | 6878                 | -46.42          | -13              | -33.42                  | -72.01                  | -56.75                   | 1.74                       | 12.07                       | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   | 3441                 | -52.53          | -13              | -39.53                  | -69.96                  | -63.54                   | 1.35                       | 12.36                       | V                     |
|                                   | 5156                 | -40.79          | -13              | -27.79                  | -62.15                  | -51.96                   | 1.65                       | 12.82                       | V                     |
|                                   | 6878                 | -46.83          | -13              | -33.83                  | -72                     | -57.16                   | 1.74                       | 12.07                       | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                            | 3511                 | -53.17          | -13              | -40.17                  | -70.88                  | -64.31                   | 1.36                       | 12.51                       | H                     |
|                                   | 5261                 | -46.55          | -13              | -33.55                  | -68.39                  | -57.84                   | 1.68                       | 12.97                       | H                     |
|                                   | 7018                 | -45.44          | -13              | -32.44                  | -71.73                  | -55.58                   | 1.73                       | 11.87                       | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   | 3511                 | -52.95          | -13              | -39.95                  | -70.98                  | -64.09                   | 1.36                       | 12.51                       | V                     |
|                                   | 5261                 | -39.41          | -13              | -26.41                  | -61.02                  | -50.70                   | 1.68                       | 12.97                       | V                     |
|                                   | 7018                 | -45.69          | -13              | -32.69                  | -71.5                   | -55.83                   | 1.73                       | 11.87                       | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3539 | -53.48 | -13 | -40.48 | -71.39 | -64.63 | 1.37 | 12.52 | H |
|         | 5310 | -48.73 | -13 | -35.73 | -70.77 | -60.07 | 1.69 | 13.03 | H |
|         | 7081 | -45.33 | -13 | -32.33 | -71.84 | -55.34 | 1.76 | 11.77 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3539 | -53.01 | -13 | -40.01 | -71.14 | -64.16 | 1.37 | 12.52 | V |
|         | 5310 | -40.50 | -13 | -27.50 | -62.24 | -51.84 | 1.69 | 13.03 | V |
|         | 7081 | -45.23 | -13 | -32.23 | -71.33 | -55.24 | 1.76 | 11.77 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | 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                            | 3455                 | -53.94          | -13              | -40.94                  | -71.11                  | -64.37                   | 1.83                       | 12.27                       | H                     |
|                                   | 5186                 | -50.16          | -13              | -37.16                  | -71.75                  | -60.01                   | 2.28                       | 12.14                       | H                     |
|                                   | 6915                 | -45.85          | -13              | -32.85                  | -71.64                  | -54.44                   | 2.39                       | 10.99                       | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   | 3455                 | -54.01          | -13              | -41.01                  | -71.57                  | -64.44                   | 1.83                       | 12.27                       | V                     |
|                                   | 5186                 | -45.57          | -13              | -32.57                  | -66.98                  | -55.42                   | 2.28                       | 12.14                       | V                     |
|                                   | 6915                 | -46.36          | -13              | -33.36                  | -71.7                   | -54.95                   | 2.39                       | 10.99                       | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                            | 3509                 | -53.48          | -13              | -40.48                  | -71.17                  | -64.00                   | 1.87                       | 12.39                       | H                     |
|                                   | 5261                 | -49.79          | -13              | -36.79                  | -71.63                  | -59.69                   | 2.25                       | 12.15                       | H                     |
|                                   | 7018                 | -45.27          | -13              | -32.27                  | -71.56                  | -53.73                   | 2.41                       | 10.87                       | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   | 3509                 | -53.08          | -13              | -40.08                  | -71.1                   | -63.60                   | 1.87                       | 12.39                       | V                     |
|                                   | 5261                 | -44.19          | -13              | -31.19                  | -65.8                   | -54.09                   | 2.25                       | 12.15                       | V                     |
|                                   | 7018                 | -45.79          | -13              | -32.79                  | -71.6                   | -54.25                   | 2.41                       | 10.87                       | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3518 | -53.70 | -13 | -40.70 | -71.46 | -64.21 | 1.88 | 12.39 | H |
|         | 5277 | -48.38 | -13 | -35.38 | -70.29 | -58.29 | 2.25 | 12.16 | H |
|         | 7036 | -45.36 | -13 | -32.36 | -71.71 | -53.80 | 2.40 | 10.84 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3518 | -53.19 | -13 | -40.19 | -71.24 | -63.70 | 1.88 | 12.39 | V |
|         | 5277 | -44.17 | -13 | -31.17 | -65.82 | -54.08 | 2.25 | 12.16 | V |
|         | 7036 | -46.18 | -13 | -33.18 | -72.07 | -54.62 | 2.40 | 10.84 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

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

## **LTE Band 41 HPUE**

| LTE Band 41_HPUE / 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                          | 5168                 | -49.91          | -25              | -24.91                  | -71.5                   | -61.09                   | 1.65                       | 12.84                       | H                     |
|                                 | 7752                 | -43.35          | -25              | -18.35                  | -69.45                  | -52.48                   | 2.03                       | 11.15                       | H                     |
|                                 | 10336                | -41.77          | -25              | -16.77                  | -71.75                  | -50.41                   | 2.39                       | 11.03                       | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 | 5168                 | -50.33          | -25              | -25.33                  | -71.71                  | -61.51                   | 1.65                       | 12.84                       | V                     |
|                                 | 7752                 | -39.04          | -25              | -14.04                  | -64.9                   | -48.17                   | 2.03                       | 11.15                       | V                     |
|                                 | 10336                | -41.69          | -25              | -16.69                  | -71.74                  | -50.33                   | 2.39                       | 11.03                       | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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

## LTE Band 41C HPUE

| LTE Band 41C_HPUE / 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                                 | 5184                 | -50.22          | -25              | -25.22                  | -71.81                  | -61.42                   | 1.66                       | 12.86                       | H                     |
|                                        | 7776                 | -45.02          | -25              | -20.02                  | -71.12                  | -54.15                   | 2.03                       | 11.16                       | H                     |
|                                        | 10368                | -42.03          | -25              | -17.03                  | -72.11                  | -50.64                   | 2.39                       | 11.01                       | H                     |
|                                        |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                        |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                        |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                        |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                        | 5184                 | -50.22          | -25              | -25.22                  | -71.63                  | -61.42                   | 1.66                       | 12.86                       | V                     |
|                                        | 7776                 | -44.48          | -25              | -19.48                  | -70.31                  | -53.61                   | 2.03                       | 11.16                       | V                     |
|                                        | 10368                | -42.00          | -25              | -17.00                  | -72.08                  | -50.61                   | 2.39                       | 11.01                       | V                     |
|                                        |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                        |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                        |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                        |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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

**LTE Band 38**

| LTE Band 38 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 5142                 | -50.08          | -25              | -25.08                  | -71.67                  | -61.23                   | 1.65                       | 12.80                       | H                     |
|                            | 7713                 | -45.35          | -25              | -20.35                  | -71.43                  | -54.47                   | 2.02                       | 11.14                       | H                     |
|                            | 10284                | -41.80          | -25              | -16.80                  | -71.62                  | -50.48                   | 2.39                       | 11.07                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5142                 | -50.26          | -25              | -25.26                  | -71.6                   | -61.41                   | 1.65                       | 12.80                       | V                     |
|                            | 7713                 | -43.79          | -25              | -18.79                  | -69.68                  | -52.91                   | 2.02                       | 11.14                       | V                     |
|                            | 10284                | -41.67          | -25              | -16.67                  | -71.67                  | -50.35                   | 2.39                       | 11.07                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 5172                 | -50.25          | -25              | -25.25                  | -71.84                  | -61.44                   | 1.65                       | 12.84                       | H                     |
|                            | 7758                 | -45.70          | -25              | -20.70                  | -71.8                   | -54.83                   | 2.03                       | 11.15                       | H                     |
|                            | 10344                | -41.53          | -25              | -16.53                  | -71.54                  | -50.16                   | 2.39                       | 11.02                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5172                 | -50.20          | -25              | -25.20                  | -71.59                  | -61.39                   | 1.65                       | 12.84                       | V                     |
|                            | 7758                 | -44.36          | -25              | -19.36                  | -70.21                  | -53.49                   | 2.03                       | 11.15                       | V                     |
|                            | 10344                | -41.67          | -25              | -16.67                  | -71.73                  | -50.30                   | 2.39                       | 11.02                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5202  | -50.33 | -25 | -25.33 | -71.95 | -61.55 | 1.66 | 12.88 | H |
|         | 7803  | -46.10 | -25 | -21.10 | -72.23 | -55.23 | 2.03 | 11.16 | H |
|         | 10404 | -41.43 | -25 | -16.43 | -71.63 | -50.01 | 2.39 | 10.98 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5202  | -50.66 | -25 | -25.66 | -72.11 | -61.88 | 1.66 | 12.88 | V |
|         | 7803  | -42.91 | -25 | -17.91 | -68.74 | -52.04 | 2.03 | 11.16 | V |
|         | 10404 | -41.44 | -25 | -16.44 | -71.56 | -50.02 | 2.39 | 10.98 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

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



&lt;MIMO 2 Antenna&gt;

**LTE Band 41 HPUE**

| LTE Band 41_HPUE / 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                 | -49.98          | -25              | -24.98                  | -71.48                  | -60.97                   | 1.61                       | 12.60                       | H                     |
|                                 | 7491                 | -45.72          | -25              | -20.72                  | -72.33                  | -54.85                   | 1.99                       | 11.11                       | H                     |
|                                 | 9988                 | -42.46          | -25              | -17.46                  | -71.45                  | -51.37                   | 2.40                       | 11.30                       | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 | 4994                 | -50.37          | -25              | -25.37                  | -71.41                  | -61.36                   | 1.61                       | 12.60                       | V                     |
|                                 | 7491                 | -45.94          | -25              | -20.94                  | -72.51                  | -55.07                   | 1.99                       | 11.11                       | V                     |
|                                 | 9988                 | -41.73          | -25              | -16.73                  | -71.48                  | -50.64                   | 2.40                       | 11.30                       | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                          | 5168                 | -49.75          | -25              | -24.75                  | -71.34                  | -60.93                   | 1.65                       | 12.84                       | H                     |
|                                 | 7752                 | -44.57          | -25              | -19.57                  | -70.67                  | -53.70                   | 2.03                       | 11.15                       | H                     |
|                                 | 10336                | -41.50          | -25              | -16.50                  | -71.47                  | -50.14                   | 2.39                       | 11.03                       | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 | 5168                 | -50.72          | -25              | -25.72                  | -72.1                   | -61.90                   | 1.65                       | 12.84                       | V                     |
|                                 | 7752                 | -45.13          | -25              | -20.13                  | -70.99                  | -54.26                   | 2.03                       | 11.15                       | V                     |
|                                 | 10336                | -41.77          | -25              | -16.77                  | -71.82                  | -50.41                   | 2.39                       | 11.03                       | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5342  | -50.20 | -25 | -25.20 | -72.36 | -61.58 | 1.70 | 13.08 | H |
|         | 8013  | -44.20 | -25 | -19.20 | -71.67 | -53.37 | 2.06 | 11.23 | H |
|         | 10683 | -41.38 | -25 | -16.38 | -72.22 | -49.79 | 2.49 | 10.90 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5342  | -50.87 | -25 | -25.87 | -72.68 | -62.25 | 1.70 | 13.08 | V |
|         | 8013  | -43.35 | -25 | -18.35 | -70.71 | -52.52 | 2.06 | 11.23 | V |
|         | 10683 | -41.63 | -25 | -16.63 | -72.23 | -50.04 | 2.49 | 10.90 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

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

**LTE Band 41C HPUE**

| LTE Band 41C / 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                            | 5028                 | -49.61          | -25              | -24.61                  | -71.14                  | -60.63                   | 1.62                       | 12.64                       | H                     |
|                                   | 7544                 | -45.77          | -25              | -20.77                  | -72.12                  | -54.88                   | 2.00                       | 11.11                       | H                     |
|                                   | 10062                | -42.17          | -25              | -17.17                  | -71.31                  | -51.02                   | 2.40                       | 11.25                       | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   | 5028                 | -50.17          | -25              | -25.17                  | -71.29                  | -61.19                   | 1.62                       | 12.64                       | V                     |
|                                   | 7544                 | -45.69          | -25              | -20.69                  | -72                     | -54.80                   | 2.00                       | 11.11                       | V                     |
|                                   | 10062                | -41.34          | -25              | -16.34                  | -71.14                  | -50.19                   | 2.40                       | 11.25                       | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                            | 5184                 | -50.11          | -25              | -25.11                  | -71.7                   | -61.31                   | 1.66                       | 12.86                       | H                     |
|                                   | 7776                 | -45.65          | -25              | -20.65                  | -71.75                  | -54.78                   | 2.03                       | 11.16                       | H                     |
|                                   | 10368                | -41.54          | -25              | -16.54                  | -71.62                  | -50.15                   | 2.39                       | 11.01                       | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   | 5184                 | -50.71          | -25              | -25.71                  | -72.12                  | -61.91                   | 1.66                       | 12.86                       | V                     |
|                                   | 7776                 | -45.92          | -25              | -20.92                  | -71.75                  | -55.05                   | 2.03                       | 11.16                       | V                     |
|                                   | 10368                | -41.31          | -25              | -16.31                  | -71.39                  | -49.92                   | 2.39                       | 11.01                       | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5304  | -50.07 | -25 | -25.07 | -72.08 | -61.41 | 1.69 | 13.03 | H |
|         | 7956  | -44.56 | -25 | -19.56 | -71.77 | -53.70 | 2.05 | 11.19 | H |
|         | 10602 | -41.14 | -25 | -16.14 | -71.83 | -49.60 | 2.44 | 10.90 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5304  | -50.42 | -25 | -25.42 | -72.13 | -61.76 | 1.69 | 13.03 | V |
|         | 7956  | -44.70 | -25 | -19.70 | -71.73 | -53.84 | 2.05 | 11.19 | V |
|         | 10602 | -41.51 | -25 | -16.51 | -71.93 | -49.97 | 2.44 | 10.90 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

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

**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                 | -52.36          | -13              | -39.36                  | -70.92                  | -63.57                   | 1.41                       | 12.62                       | H                     |
|                            | 5556                 | -46.77          | -13              | -33.77                  | -69.66                  | -58.33                   | 1.74                       | 13.30                       | H                     |
|                            | 7404                 | -44.93          | -13              | -31.93                  | -71.91                  | -54.25                   | 1.94                       | 11.25                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3702                 | -52.06          | -13              | -39.06                  | -70.77                  | -63.27                   | 1.41                       | 12.62                       | V                     |
|                            | 5553                 | -48.85          | -13              | -35.85                  | -71.28                  | -60.41                   | 1.74                       | 13.30                       | V                     |
|                            | 7404                 | -44.79          | -13              | -31.79                  | -71.62                  | -54.11                   | 1.94                       | 11.25                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 3742                 | -52.31          | -13              | -39.31                  | -70.96                  | -63.53                   | 1.42                       | 12.65                       | H                     |
|                            | 5613                 | -46.45          | -13              | -33.45                  | -69.28                  | -58.01                   | 1.74                       | 13.30                       | H                     |
|                            | 7484                 | -45.53          | -13              | -32.53                  | -72.17                  | -54.67                   | 1.98                       | 11.13                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3742                 | -51.85          | -13              | -38.85                  | -70.7                   | -63.07                   | 1.42                       | 12.65                       | V                     |
|                            | 5613                 | -44.63          | -13              | -31.63                  | -67.12                  | -56.19                   | 1.74                       | 13.30                       | V                     |
|                            | 7484                 | -45.28          | -13              | -32.28                  | -71.87                  | -54.43                   | 1.98                       | 11.13                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3792 | -51.74 | -13 | -38.74 | -70.51 | -62.98 | 1.44 | 12.68 | H |
|         | 5688 | -47.59 | -13 | -34.59 | -70.77 | -59.16 | 1.73 | 13.30 | H |
|         | 7584 | -45.87 | -13 | -32.87 | -72.01 | -54.99 | 2.00 | 11.12 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3792 | -51.76 | -13 | -38.76 | -70.79 | -63.00 | 1.44 | 12.68 | V |
|         | 5688 | -46.86 | -13 | -33.86 | -69.51 | -58.43 | 1.73 | 13.30 | V |
|         | 7584 | -45.95 | -13 | -32.95 | -72.05 | -55.07 | 2.00 | 11.12 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

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

**LTE Band 66**

| LTE Band 66 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<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                     | 3472                 | -53.69          | -13              | -40.69                  | -71.04                  | -64.77                   | 1.35                       | 12.43                       | H                     |
|                            | 5208                 | -49.31          | -13              | -36.31                  | -70.95                  | -60.54                   | 1.66                       | 12.89                       | H                     |
|                            | 6944                 | -46.08          | -13              | -33.08                  | -72.01                  | -56.33                   | 1.73                       | 11.98                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 3472                 | -53.75          | -13              | -40.75                  | -71.48                  | -64.83                   | 1.35                       | 12.43                       | V                     |
|                            | 5208                 | -47.83          | -13              | -34.83                  | -69.3                   | -59.06                   | 1.66                       | 12.89                       | V                     |
|                            | 6944                 | -46.80          | -13              | -33.80                  | -72.27                  | -57.05                   | 1.73                       | 11.98                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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

## **LTE Band 66B**

| LTE Band 66B / 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) |
| Middle                            | 3511                 | -53.47          | -13              | -40.47                  | -71.18                  | -64.61                   | 1.36                       | 12.51                       | H                     |
|                                   | 5261                 | -50.05          | -13              | -37.05                  | -71.89                  | -61.34                   | 1.68                       | 12.97                       | H                     |
|                                   | 7018                 | -45.90          | -13              | -32.90                  | -72.19                  | -56.04                   | 1.73                       | 11.87                       | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   | 3511                 | -53.03          | -13              | -40.03                  | -71.06                  | -64.17                   | 1.36                       | 12.51                       | V                     |
|                                   | 5261                 | -49.52          | -13              | -36.52                  | -71.13                  | -60.81                   | 1.68                       | 12.97                       | V                     |
|                                   | 7018                 | -46.19          | -13              | -33.19                  | -72                     | -56.33                   | 1.73                       | 11.87                       | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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

**LTE Band 66C**

| LTE Band 66C / 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                            | 3509                 | -51.33          | -13              | -38.33                  | -69.02                  | -61.85                   | 1.87                       | 12.39                       | H                     |
|                                   | 5261                 | -45.46          | -13              | -32.46                  | -72.07                  | -55.36                   | 2.25                       | 12.15                       | H                     |
|                                   | 7018                 | -45.78          | -13              | -32.78                  | -72.07                  | -54.24                   | 2.41                       | 10.87                       | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                   | 3509                 | -53.42          | -13              | -40.42                  | -71.44                  | -63.94                   | 1.87                       | 12.39                       | V                     |
|                                   | 5261                 | -44.66          | -13              | -31.66                  | -66.27                  | -54.56                   | 2.25                       | 12.15                       | V                     |
|                                   | 7018                 | -46.20          | -13              | -33.20                  | -72.01                  | -54.66                   | 2.41                       | 10.87                       | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                   |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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

## LTE Band 7

| LTE Band 7 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|---------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                   | Frequency<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                    | 5052                 | -49.51          | -25              | -24.51                  | -71.04                  | -60.56                   | 1.62                       | 12.67                       | H                     |
|                           | 7578                 | -46.01          | -25              | -21.01                  | -72.18                  | -55.12                   | 2.00                       | 11.12                       | H                     |
|                           | 10104                | -43.32          | -25              | -18.32                  | -72.58                  | -52.14                   | 2.40                       | 11.22                       | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                           | 5052                 | -50.29          | -25              | -25.29                  | -71.45                  | -61.34                   | 1.62                       | 12.67                       | V                     |
|                           | 7578                 | -45.72          | -25              | -20.72                  | -71.85                  | -54.83                   | 2.00                       | 11.12                       | V                     |
|                           | 10104                | -42.52          | -25              | -17.52                  | -72.36                  | -51.34                   | 2.40                       | 11.22                       | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                           |                      |                 |                  |                         |                         |                          |                            |                             | 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) |
| Middle                          | 5070                 | -50.02          | -25              | -25.02                  | -71.56                  | -61.09                   | 1.63                       | 12.70                       | H                     |
|                                 | 7602                 | -45.89          | -25              | -20.89                  | -71.95                  | -55.01                   | 2.00                       | 11.12                       | H                     |
|                                 | 10134                | -42.90          | -25              | -17.90                  | -72.26                  | -51.70                   | 2.40                       | 11.19                       | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                                 | 5070                 | -50.34          | -25              | -25.34                  | -71.53                  | -61.41                   | 1.63                       | 12.70                       | V                     |
|                                 | 7602                 | -46.07          | -25              | -21.07                  | -72.08                  | -55.19                   | 2.00                       | 11.12                       | V                     |
|                                 | 10134                | -42.53          | -25              | -17.53                  | -72.4                   | -51.33                   | 2.40                       | 11.19                       | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                                 |                      |                 |                  |                         |                         |                          |                            |                             | V                     |

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

**LTE Band 38**

| LTE Band 38 / 20MHz / QPSK |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                     | 5142                 | -49.93          | -25              | -24.93                  | -71.52                  | -61.08                   | 1.65                       | 12.80                       | H                     |
|                            | 7713                 | -41.02          | -25              | -16.02                  | -67.1                   | -50.14                   | 2.02                       | 11.14                       | H                     |
|                            | 10284                | -41.90          | -25              | -16.90                  | -71.72                  | -50.58                   | 2.39                       | 11.07                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5142                 | -50.09          | -25              | -25.09                  | -71.43                  | -61.24                   | 1.65                       | 12.80                       | V                     |
|                            | 7713                 | -41.77          | -25              | -16.77                  | -67.66                  | -50.89                   | 2.02                       | 11.14                       | V                     |
|                            | 10284                | -41.33          | -25              | -16.33                  | -71.33                  | -50.01                   | 2.39                       | 11.07                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
| Middle                     | 5172                 | -50.38          | -25              | -25.38                  | -71.97                  | -61.57                   | 1.65                       | 12.84                       | H                     |
|                            | 7758                 | -37.98          | -25              | -12.98                  | -64.08                  | -47.11                   | 2.03                       | 11.15                       | H                     |
|                            | 10344                | -41.47          | -25              | -16.47                  | -71.48                  | -50.10                   | 2.39                       | 11.02                       | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | H                     |
|                            | 5172                 | -50.47          | -25              | -25.47                  | -71.86                  | -61.66                   | 1.65                       | 12.84                       | V                     |
|                            | 7758                 | -41.47          | -25              | -16.47                  | -67.32                  | -50.60                   | 2.03                       | 11.15                       | V                     |
|                            | 10344                | -41.52          | -25              | -16.52                  | -71.58                  | -50.15                   | 2.39                       | 11.02                       | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |
|                            |                      |                 |                  |                         |                         |                          |                            |                             | V                     |



|         |       |        |     |        |        |        |      |       |   |
|---------|-------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 5202  | -50.45 | -25 | -25.45 | -72.07 | -61.67 | 1.66 | 12.88 | H |
|         | 7803  | -38.32 | -25 | -13.32 | -64.45 | -47.45 | 2.03 | 11.16 | H |
|         | 10404 | -41.17 | -25 | -16.17 | -71.37 | -49.75 | 2.39 | 10.98 | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         |       |        |     |        |        |        |      |       | H |
|         | 5202  | -50.39 | -25 | -25.39 | -71.84 | -61.61 | 1.66 | 12.88 | V |
|         | 7803  | -42.43 | -25 | -17.43 | -68.26 | -51.56 | 2.03 | 11.16 | V |
|         | 10404 | -40.84 | -25 | -15.84 | -70.96 | -49.42 | 2.39 | 10.98 | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |
|         |       |        |     |        |        |        |      |       | V |

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