



# FCC RADIO TEST REPORT

FCC ID : UZ7TC58AE  
Equipment : Touch Computer  
Brand Name : Zebra  
Model Name : TC58AE  
Applicant : Zebra Technologies Corporation  
1 Zebra Plaza, Holtsville, NY 11742  
Manufacturer : Zebra Technologies Corporation  
1 Zebra Plaza, Holtsville, NY 11742  
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27,  
Part 90(R), Part 90(S)

The product was received on Jan. 29, 2024 and testing was performed from Feb. 01, 2024 to Apr. 17, 2024. We, Sporton International Inc. EMC & Wireless Communications 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 report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

*Louis Wu*

Approved by: Louis Wu

**Sporton International Inc. EMC & Wireless Communications Laboratory**

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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## History of this test report

| Report No. | Version | Description             | Issue Date   |
|------------|---------|-------------------------|--------------|
| FG411111B  | 01      | Initial issue of report | May 10, 2024 |
|            |         |                         |              |
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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)<br>§90.635                                                             | Effective Radiated Power<br>(Band 5) (Band 26)                                                                                               | Pass               |        |
|               | §27.50 (b)(10)<br>§27.50 (c)(10)                                                      | Effective Radiated Power<br>(Band 12) (Band 13)<br>(Band 17) (Band 71)                                                                       |                    |        |
|               | §24.232 (c)<br>§27.50 (h)(2)                                                          | Equivalent Isotropic Radiated Power<br>(Band 2) (Band 25)<br>(Band 7) (Band 38) (Band 41)                                                    |                    |        |
|               | §27.50 (d)(4)                                                                         | Equivalent Isotropic Radiated Power<br>(Band 4) (Band 66)                                                                                    |                    |        |
|               | §27.50 (a)(3)                                                                         | Effective Isotropic Radiated Power<br>(Band 30)                                                                                              |                    |        |
|               | §90.542 (a)(7)                                                                        | Effective Radiated Power<br>(Band 14)                                                                                                        |                    |        |
| 3.3           | §24.232 (d)<br>§27.50 (d)(5)                                                          | Peak-to-Average Ratio                                                                                                                        | Pass               | -      |
| 3.4           | §2.1049                                                                               | Occupied Bandwidth                                                                                                                           | Reporting only     | -      |
| 3.5           | §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<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               | -      |
|               | §2.1051<br>§27.53 (m)(4)                                                              | Conducted Band Edge Measurement<br>(Band 7) (Band 38) (Band 41)                                                                              |                    |        |
|               | §2.1051<br>§27.53 (a)(4)                                                              | Conducted Band Edge Measurement<br>(Band 30)                                                                                                 |                    |        |
|               | §2.1051<br>§90.543 (e)(2)                                                             | Conducted Band Edge Measuremen<br>(Band 14)                                                                                                  |                    |        |
| 3.6           | §2.1051<br>§90.210 (n)                                                                | Emission Mask<br>(Band 14)                                                                                                                   | Pass               | -      |
|               | §2.1051<br>§90.691                                                                    | Emission masks<br>(Band 26)                                                                                                                  |                    |        |



| Report Clause | Ref Std. Clause                                                                                             | Test Items                                                                                                                               | Result (PASS/FAIL) | Remark                                       |
|---------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------|
| 3.7           | §2.1051<br>§22.917 (a)<br>§24.238 (a)<br>§27.53 (c)(2)<br>§27.53 (g)<br>§27.53 (h)<br>§90.691               | Conducted 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               | -                                            |
|               | §2.1051<br>§27.53 (m)(4)                                                                                    | Conducted Spurious Emission<br>(Band 7) (Band 38) (Band 41)                                                                              |                    |                                              |
|               | §2.1051<br>§27.53 (a)(4)                                                                                    | Conducted Spurious Emission<br>(Band 30)                                                                                                 |                    |                                              |
|               | §2.1051<br>§90.543 (e)(3)                                                                                   | Conducted Spurious Emission<br>(Band 14)                                                                                                 |                    |                                              |
| 3.8           | §2.1055<br>§22.355<br>§24.235<br>§27.54<br>§90.539 (e)<br>§90.213                                           | Frequency Stability<br>Temperature & Voltage                                                                                             | Pass               | -                                            |
| 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)<br>§90.691 | 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               | 5.16 dB<br>under the limit at<br>6916.00 MHz |
|               | §2.1053<br>§27.53 (m)(4)                                                                                    | Radiated Spurious Emission<br>(Band 7) (Band 38) (Band 41)                                                                               |                    |                                              |
|               | §2.1053<br>§27.53 (a)(4)                                                                                    | Radiated Spurious Emission<br>(Band 30)                                                                                                  |                    |                                              |
|               | §2.1053<br>§90.543 (e)(3)<br>§90.543 (f)                                                                    | Radiated Spurious Emission<br>(Band 14)                                                                                                  |                    |                                              |

**Conformity Assessment Condition:**

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

**Disclaimer:**

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

**Reviewed by: Wei Chen****Report Producer: Rebecca Wu**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

| Product Feature                 |                                                                                                                                                          |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment                       | Touch Computer                                                                                                                                           |
| Brand Name                      | Zebra                                                                                                                                                    |
| Model Name                      | TC58AE                                                                                                                                                   |
| FCC ID                          | UZ7TC58AE                                                                                                                                                |
| Sample 1                        | SE55 + 8GB   128G (Samsung/SK Hynix )                                                                                                                    |
| Sample 2                        | SE4720 + 6GB   64G (SK Hynix/WD)                                                                                                                         |
| Sample 3                        | SE4770 + 6GB   64G (SK Hynix/WD)                                                                                                                         |
| EUT supports Radios application | WCDMA/HSPA/LTE/5G NR/NFC/GNSS<br>WLAN 11a/b/g/n HT20/HT40<br>WLAN 11ac VHT20/VHT40/VHT80/VHT160<br>WLAN 11ax HE20/HE40/HE80/HE160<br>Bluetooth BR/EDR/LE |
| HW Version                      | DV1-2                                                                                                                                                    |
| SW Version                      | nemesis_A13_userdebug_GMS_RelKey_2023-12-12-0451_main_SE                                                                                                 |
| FW Version                      | FUSION_QA_6_1.1.0.004_T                                                                                                                                  |
| MFD                             | 06DEC23                                                                                                                                                  |
| EUT Stage                       | Identical Prototype                                                                                                                                      |

**Remark:** The EUT's information above is declared by manufacturer.

| Specification of Accessories        |            |       |             |                      |
|-------------------------------------|------------|-------|-------------|----------------------|
| Adapter                             | Brand Name | Zebra | Part Number | PWR-WUA5V12W0US      |
| Battery 1 (1x)                      | Brand Name | Zebra | Part Number | BT-000442-0020       |
| Battery 2 (1.5x)                    | Brand Name | Zebra | Part Number | BT-000442-0820       |
| Battery 3 (BLE battery)             | Brand Name | Zebra | Part Number | BT-000442-002B       |
| Battery 4 (Wireless Battery)        | Brand Name | Zebra | Part Number | BT-000442-002A       |
| Battery 5 (1x)                      | Brand Name | Zebra | Part Number | BT-000442-1020       |
| USB TYPE A to TYPE C cable          | Brand Name | Zebra | Part Number | CBL-TC5X-USBC2A-01   |
| USB TYPE C to 3.5mm audio connector | Brand Name | Zebra | Part Number | ADP-USBC-35MM1-01    |
| 3.5mm Earphone                      | Brand Name | Zebra | Part Number | HDST-35MM-PTT1-01    |
| Rugged Headset                      | Brand Name | Zebra | Part Number | HS2100-OTH           |
| USB TYPE C Earphone                 | Brand Name | Zebra | Part Number | HPST-USBC-PTT1-01    |
| Trigger Handle                      | Brand Name | Zebra | Part Number | TRG-NGTC5-ELEC-01    |
| Soft Holster                        | Brand Name | Zebra | Part Number | SG-NGTC5TC7-HLSTR-01 |
| TC53/TC58 RUGGED BOOT               | Brand Name | Zebra | Part Number | SG-NGTC5EXO1-01      |
| 3.5mm to 3.5mm audio connector      | Brand Name | Zebra | Part Number | CBL-HS2100-3MS1-01   |



## 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 14: 790.5 MHz ~ 795.5 MHz<br>LTE Band 17: 706.5 MHz ~ 713.5 MHz<br>LTE Band 25: 1850.7 MHz ~ 1914.3 MHz<br>LTE Band 26: 824.7 MHz ~ 848.3 MHz (Part22H)<br>LTE Band 26: 814.7 MHz ~ 823.3 MHz (Part90S)<br>LTE Band 30: 2307.5 MHz ~ 2312.5 MHz<br>LTE Band 38: 2572.5 MHz ~ 2617.5 MHz<br>LTE Band 41: 2498.5 MHz ~ 2687.5 MHz<br>LTE Band 66: 1710.7 MHz ~ 1754.3 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: 2622.5 MHz ~ 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 14: 760.5 MHz ~ 765.5 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 (Part22H)<br>LTE Band 26: 859.7 MHz ~ 868.3 MHz (Part90S)<br>LTE Band 30: 2352.5 MHz ~ 2357.5 MHz<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 ~ 2154.3 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 14: 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 30: 5MHz / 10MHz<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                   | LTE Band 2: 24.27 dBm<br>LTE Band 2C: 24.77 dBm<br>LTE Band 4: 24.17 dBm<br>LTE Band 5: 24.36 dBm<br>LTE Band 5B: 25.57 dBm<br>LTE Band 7: 23.61 dBm<br>LTE Band 7C: 25.13 dBm<br>LTE Band 12: 23.88 dBm<br>LTE Band 13: 23.78 dBm<br>LTE Band 14: 23.80 dBm<br>LTE Band 17: 23.77 dBm<br>LTE Band 25: 24.21 dBm<br>LTE Band 26: 24.42 dBm (Part22H)<br>LTE Band 26: 24.40 dBm (Part90S)<br>LTE Band 30: 23.85 dBm<br>LTE Band 38: 23.51 dBm<br>LTE Band 38C: 24.83 dBm<br>LTE Band 41: 24.35 dBm<br>LTE Band 41: 26.09 dBm for HPUE<br>LTE Band 41C: 24.39 dBm<br>LTE Band 41C: 26.59 dBm for HPUE<br>LTE Band 66: 24.10 dBm<br>LTE Band 66B: 24.42 dBm<br>LTE Band 66C: 24.50 dBm<br>LTE Band 71: 23.65 dBm |
| Antenna Type / Antenna Gain                       | <Ant. 1>: PIFA Antenna<br>LTE Band 2: -0.65 dBi<br>LTE Band 4: -0.32 dBi<br>LTE Band 5: -2.02 dBi<br>LTE Band 12: -1.04 dBi<br>LTE Band 13: -1.82 dBi<br>LTE Band 14 : -2.63 dBi<br>LTE Band 17: -1.04 dBi<br>LTE Band 25: -0.65 dBi<br>LTE Band 26: -2.02 dBi<br>LTE Band 66: -0.27 dBi<br>LTE Band 71: -1.32 dBi<br><Ant. 5>: Coupling Antenna<br>LTE Band 2: -1.20 dBi<br>LTE Band 4: -0.28 dBi<br>LTE Band 7: -7.07 dBi<br>LTE Band 25: -1.20 dBi<br>LTE Band 30 : -2.26 dBi<br>LTE Band 38: -7.67 dBi<br>LTE Band 41: -7.04 dBi<br>LTE Band 66: -0.28 dBi                                                                                                                                                |
| Type of Modulation                                | QPSK / 16QAM / 64QAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



| Support band and evaluated information |                                                                                                                                                                                                                                                     |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Supported band</b>                  | B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71, B2C, B5B, B7C, B38C, B41C, B66B, B66C                                                                                                                                        |
| <b>Evaluated and Tested band</b>       | B5, B7, B12, B13, B14, B25, B26, B30, B38, B41, B66, B71, B2C, B5B, B7C, B38C, B41C, B66B, B66C                                                                                                                                                     |
| <b>Band covered information</b>        | <p>Wider operating frequency band range covers narrower one when the power is worse as follows:</p> <ul style="list-style-type: none"> <li>■ B25 cover B2 (Part 24)</li> <li>■ B66 cover B4 (Part 27)</li> <li>■ B12 cover B17 (Part 27)</li> </ul> |

| TDD band Power Class   |     |     |
|------------------------|-----|-----|
|                        | PC3 | PC2 |
| <b>B2/ B2C</b>         | V   |     |
| <b>B4</b>              | V   |     |
| <b>B5/ B5B</b>         | V   |     |
| <b>B7 B7C</b>          | V   |     |
| <b>B12</b>             | V   |     |
| <b>B13</b>             | V   |     |
| <b>B14</b>             | V   |     |
| <b>B17</b>             | V   |     |
| <b>B25</b>             | V   |     |
| <b>B26</b>             | V   |     |
| <b>B30</b>             | V   |     |
| <b>B38 B38C</b>        | V   |     |
| <b>B41/ B41C</b>       | V   | V   |
| <b>B66/ B66B/ B66C</b> | V   |     |
| <b>B71</b>             | V   |     |

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

### 1.3 Modification of EUT

No modifications made to the EUT during the testing.



## 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, Taiwan (R.O.C.)<br>TEL: +886-3-327-3456<br>FAX: +886-3-328-4978 |
| Test Site No.         | <b>Sporton Site No.</b><br>TH03-HY                                                                                     |
| Test Engineer         | HaoEn Zhang                                                                                                            |
| Temperature (°C)      | 21.5~23.6 °C                                                                                                           |
| Relative Humidity (%) | 51.8~54.5 %                                                                                                            |

|                       |                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Site             | Sporton International Inc. Wensan Laboratory                                                                                                     |
| Test Site Location    | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City 333010, Taiwan (R.O.C.)<br>TEL: +886-3-327-0868<br>FAX: +886-3-327-0855 |
| Test Site No.         | <b>Sporton Site No.</b><br>03CH10-HY (TAF Code: 3786)                                                                                            |
| Test Engineer         | Jesse Fan, Tim Lee, and Wilson Wu                                                                                                                |
| Temperature (°C)      | 20~25 °C                                                                                                                                         |
| Relative Humidity (%) | 50~60 %                                                                                                                                          |
| Remark                | The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.                                          |

**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, Part 90(R), Part 90(S)
- ♦ 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 the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. 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 three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report..

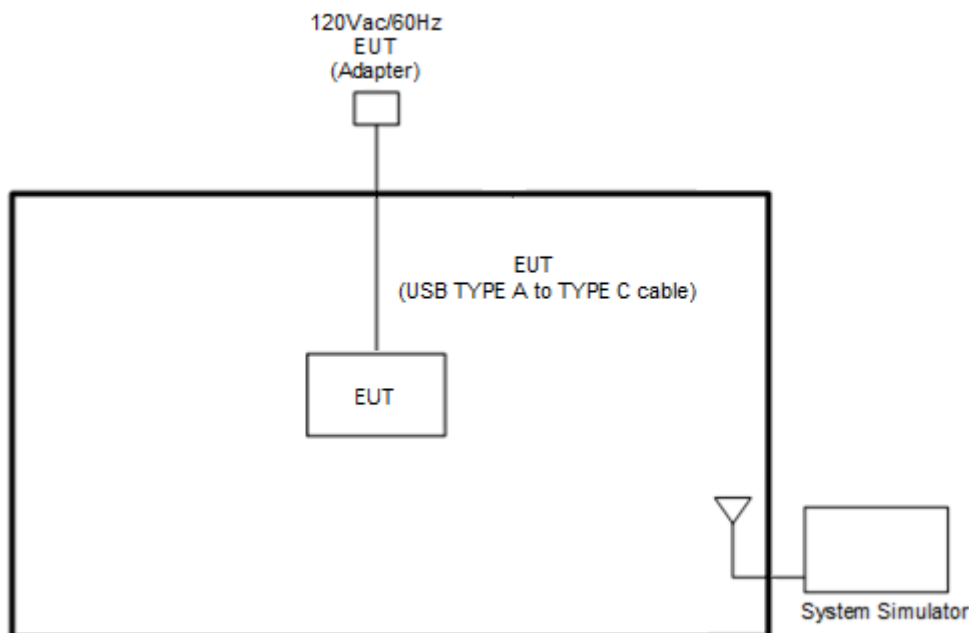
| Modulation Type | Modulation |
|-----------------|------------|
| A               | QPSK       |
| B               | 16QAM      |
| C               | 64QAM      |
| D               | 256QAM     |

| Test Item              | Modulation Type | Bandwidth         | RB Size       | Channel |
|------------------------|-----------------|-------------------|---------------|---------|
| Conducted Power        | A, B, C, D      | All               | 1, Half, Full | L, M, H |
| EIRP                   | A, B, C, D      | All               | 1, Half, Full | L, M, H |
| PAR                    | A, B, C, D      | Max               | Full          | M       |
| Bandwidth              | A, B, C, D      | All               | Full          | M       |
| CBE,<br>Mask (Part 90) | A, B, C, D      | All               | 1RB<br>Full   | L, H    |
| CSE                    | A               | All               | 1RB           | L, M, H |
| Frequency Stability    | A               | 10 MHz or<br>less | Full          | M       |
| RSE                    | A               | Max               | 1RB           | L, M, H |

**Remark:**

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. 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.
3. One representative bandwidth is selected to perform frequency stability.
4. All the radiated test cases were performed with Battery 1 (1x) and Sample 1.

## 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.   | System Simulator | Anritsu    | MT8000    | N/A    | N/A        | Unshielded, 1.8 m |

## 2.4 Measurement Results Explanation Example

### For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

*Offset = RF cable loss + attenuator factor.*

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

Example :

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\
 &= 4.2 + 10 = 14.2 \text{ (dB)}
 \end{aligned}$$



## 2.5 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 14 Channel and Frequency List |                        |        |        |         |
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                     | Channel                | -      | 23330  | -       |
|                                        | Frequency              | -      | 793    | -       |
| 5                                      | Channel                | 23305  | 23330  | 23355   |
|                                        | Frequency              | 790.5  | 793    | 795.5   |
| 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 (Part22H) |                        |        |        |         |
|--------------------------------------------------|------------------------|--------|--------|---------|
| 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 26 Channel and Frequency List (Part90 S) |                        |        |        |         |
|---------------------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                                          | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                                | Channel                | -      | 26740  | -       |
|                                                   | Frequency              | -      | 819    | -       |
| 5                                                 | Channel                | 26715  | 26740  | 26765   |
|                                                   | Frequency              | 816.5  | 819    | 821.5   |
| 3                                                 | Channel                | 26705  | 26740  | 26775   |
|                                                   | Frequency              | 815.5  | 819    | 822.5   |
| 1.4                                               | Channel                | 26697  | 26740  | 26783   |
|                                                   | Frequency              | 814.7  | 819    | 823.3   |

| LTE Band 26 Channel and Frequency List (Part90 S) |                        |                     |       |   |
|---------------------------------------------------|------------------------|---------------------|-------|---|
| BW [MHz]                                          | Channel/Frequency(MHz) | cross-rule channels |       |   |
| 15                                                | Channel                | 26765               | 26790 | - |
|                                                   | Frequency              | 821.5               | 824   | - |
| 10                                                | Channel                | -                   | 26790 | - |
|                                                   | Frequency              | -                   | 824   | - |
| 5                                                 | Channel                | -                   | 26790 | - |
|                                                   | Frequency              | -                   | 824   | - |
| 3                                                 | Channel                | -                   | 26790 | - |
|                                                   | Frequency              | -                   | 824   | - |
| 1.4                                               | Channel                | -                   | 26790 | - |
|                                                   | Frequency              | -                   | 824   | - |



| LTE Band 30 Channel and Frequency List |                        |        |        |         |
|----------------------------------------|------------------------|--------|--------|---------|
| BW [MHz]                               | Channel/Frequency(MHz) | Lowest | Middle | Highest |
| 10                                     | Channel                | -      | 27710  | -       |
|                                        | Frequency              | -      | 2310   | -       |
| 5                                      | Channel                | 27685  | 27710  | 27735   |
|                                        | Frequency              | 2307.5 | 2310   | 2312.5  |

| 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 2C Channel and Frequency List_CA |                        |           |        |        |         |
|-------------------------------------------|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                  | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 10 + 15                                   | PCC                    | Channel   | 18653  | 18829  | 19005   |
|                                           |                        | Frequency | 1855.3 | 1872.9 | 1890.5  |
|                                           | SCC                    | Channel   | 18773  | 18949  | 19125   |
|                                           |                        | Frequency | 1867.3 | 1884.9 | 1902.5  |
| 15 + 10                                   | PCC                    | Channel   | 18675  | 18851  | 19027   |
|                                           |                        | Frequency | 1857.5 | 1875.1 | 1892.7  |
|                                           | SCC                    | Channel   | 18795  | 18971  | 19147   |
|                                           |                        | Frequency | 1869.5 | 1887.1 | 1904.7  |
| 10 + 20                                   | PCC                    | Channel   | 18655  | 18806  | 18956   |
|                                           |                        | Frequency | 1855.5 | 1870.6 | 1885.6  |
|                                           | SCC                    | Channel   | 18799  | 18950  | 19100   |
|                                           |                        | Frequency | 1869.9 | 1885   | 1900    |
| 20 + 10                                   | PCC                    | Channel   | 18700  | 18551  | 19001   |
|                                           |                        | Frequency | 1860   | 1875.1 | 1890.1  |
|                                           | SCC                    | Channel   | 18844  | 18995  | 19145   |
|                                           |                        | Frequency | 1874.4 | 1889.5 | 1904.5  |
| 15 + 15                                   | PCC                    | Channel   | 18675  | 18825  | 18975   |
|                                           |                        | Frequency | 1857.5 | 1872.5 | 1887.5  |
|                                           | SCC                    | Channel   | 18825  | 18975  | 19125   |
|                                           |                        | Frequency | 1872.5 | 1887.5 | 1902.5  |
| 15 + 20                                   | PCC                    | Channel   | 18678  | 18803  | 18929   |
|                                           |                        | Frequency | 1857.8 | 1870.3 | 1882.9  |
|                                           | SCC                    | Channel   | 18849  | 18974  | 19100   |
|                                           |                        | Frequency | 1874.9 | 1887.4 | 1900    |
| 20 + 20                                   | PCC                    | Channel   | 18700  | 18801  | 18902   |
|                                           |                        | Frequency | 1860   | 1870.1 | 1880.2  |
|                                           | SCC                    | Channel   | 18898  | 18999  | 19100   |
|                                           |                        | Frequency | 1879.8 | 1889.9 | 1900    |
| 20 + 15                                   | PCC                    | Channel   | 18700  | 18826  | 18951   |
|                                           |                        | Frequency | 1860   | 1872.6 | 1885.1  |
|                                           | SCC                    | Channel   | 18871  | 18997  | 19122   |
|                                           |                        | Frequency | 1877.1 | 1889.7 | 1902.2  |



| LTE Band 2C Channel and Frequency List_CA |     |           |        |        |        |
|-------------------------------------------|-----|-----------|--------|--------|--------|
| 20 + 5                                    | PCC | Channel   | 18700  | 18875  | 19050  |
|                                           |     | Frequency | 1860   | 1877.5 | 1895   |
|                                           | SCC | Channel   | 18817  | 18992  | 19167  |
|                                           |     | Frequency | 1871.7 | 1889.2 | 1906.7 |
| 5 + 20                                    | PCC | Channel   | 18633  | 18808  | 18983  |
|                                           |     | Frequency | 1853.3 | 1870.8 | 1888.3 |
|                                           | SCC | Channel   | 18750  | 18925  | 19100  |
|                                           |     | Frequency | 1865   | 1882.5 | 1900   |

| LTE Band 5B Channel and Frequency List_CA |                        |           |        |        |         |
|-------------------------------------------|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                  | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 3 + 5                                     | PCC                    | Channel   | 20416  | 20501  | 20586   |
|                                           |                        | Frequency | 825.6  | 834.1  | 842.6   |
|                                           | SCC                    | Channel   | 20455  | 20540  | 20575   |
|                                           |                        | Frequency | 829.5  | 838.0  | 841.5   |
| 5 + 3                                     | PCC                    | Channel   | 20425  | 20510  | 20595   |
|                                           |                        | Frequency | 826.5  | 835.0  | 843.5   |
|                                           | SCC                    | Channel   | 20464  | 20549  | 20634   |
|                                           |                        | Frequency | 830.4  | 838.9  | 847.4   |
| 5 + 10                                    | PCC                    | Channel   | 20428  | 20478  | 20528   |
|                                           |                        | Frequency | 826.8  | 831.8  | 836.8   |
|                                           | SCC                    | Channel   | 20500  | 20550  | 20600   |
|                                           |                        | Frequency | 834.0  | 839.0  | 844.0   |
| 10 + 5                                    | PCC                    | Channel   | 20450  | 20500  | 20550   |
|                                           |                        | Frequency | 829.0  | 834.0  | 839.0   |
|                                           | SCC                    | Channel   | 20522  | 20572  | 20622   |
|                                           |                        | Frequency | 836.2  | 841.2  | 846.2   |
| 10 + 10                                   | PCC                    | Channel   | 20450  | 20476  | 20501   |
|                                           |                        | Frequency | 829.0  | 831.6  | 834.1   |
|                                           | SCC                    | Channel   | 20549  | 20575  | 20600   |
|                                           |                        | Frequency | 838.9  | 841.5  | 844.0   |



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



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

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





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



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



| LTE Band 66C Channel and Frequency List_CA |                        |           |        |        |         |
|--------------------------------------------|------------------------|-----------|--------|--------|---------|
| BW [MHz]                                   | Channel/Frequency(MHz) |           | Lowest | Middle | Highest |
| 10 + 15                                    | PCC                    | Channel   | 132025 | 132351 | 132477  |
|                                            |                        | Frequency | 1715.3 | 1747.9 | 1760.5  |
|                                            | SCC                    | Channel   | 132145 | 133371 | 132597  |
|                                            |                        | Frequency | 1727.3 | 1759.9 | 1772.5  |
| 15 + 10                                    | PCC                    | Channel   | 132047 | 132373 | 132499  |
|                                            |                        | Frequency | 1717.5 | 1750.1 | 1762.7  |
|                                            | SCC                    | Channel   | 132167 | 132493 | 132619  |
|                                            |                        | Frequency | 1729.5 | 1762.1 | 1774.7  |
| 10 + 20                                    | PCC                    | Channel   | 132027 | 132328 | 132428  |
|                                            |                        | Frequency | 1715.5 | 1745.6 | 1755.6  |
|                                            | SCC                    | Channel   | 131171 | 133372 | 132572  |
|                                            |                        | Frequency | 1729.9 | 1760.0 | 1770.0  |
| 20 + 10                                    | PCC                    | Channel   | 132072 | 132373 | 132473  |
|                                            |                        | Frequency | 1720.0 | 1750.1 | 1760.1  |
|                                            | SCC                    | Channel   | 132216 | 133417 | 132617  |
|                                            |                        | Frequency | 1734.4 | 1764.5 | 1774.5  |
| 15 + 15                                    | PCC                    | Channel   | 132047 | 132347 | 132447  |
|                                            |                        | Frequency | 1717.5 | 1747.5 | 1757.5  |
|                                            | SCC                    | Channel   | 132197 | 133397 | 132597  |
|                                            |                        | Frequency | 1732.5 | 1762.5 | 1772.5  |
| 15 + 20                                    | PCC                    | Channel   | 132050 | 132325 | 132401  |
|                                            |                        | Frequency | 1717.8 | 1745.3 | 1752.9  |
|                                            | SCC                    | Channel   | 132221 | 133396 | 132572  |
|                                            |                        | Frequency | 1734.9 | 1762.4 | 1770.0  |
| 20 + 15                                    | PCC                    | Channel   | 132072 | 132348 | 132423  |
|                                            |                        | Frequency | 1720.0 | 1747.6 | 1755.1  |
|                                            | SCC                    | Channel   | 132243 | 133419 | 132594  |
|                                            |                        | Frequency | 1737.1 | 1764.7 | 1772.2  |
| 20 + 5                                     | PCC                    | Channel   | 132072 | 132397 | 132522  |
|                                            |                        | Frequency | 1720.0 | 1752.5 | 1765.0  |
|                                            | SCC                    | Channel   | 132189 | 133414 | 132639  |
|                                            |                        | Frequency | 1731.7 | 1764.2 | 1776.7  |



| LTE Band 66C Channel and Frequency List_CA |     |           |        |        |        |
|--------------------------------------------|-----|-----------|--------|--------|--------|
| 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 |

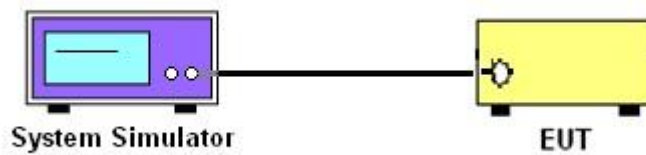
### 3 Conducted Test Items

#### 3.1 Measuring Instruments

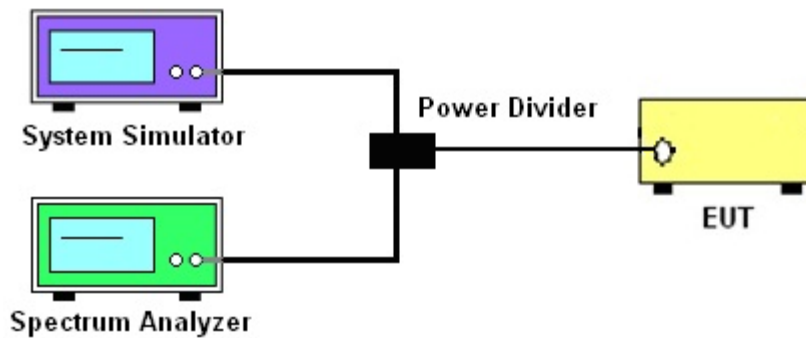
See list of measuring instruments of this test report.

##### 3.1.1 Test Setup

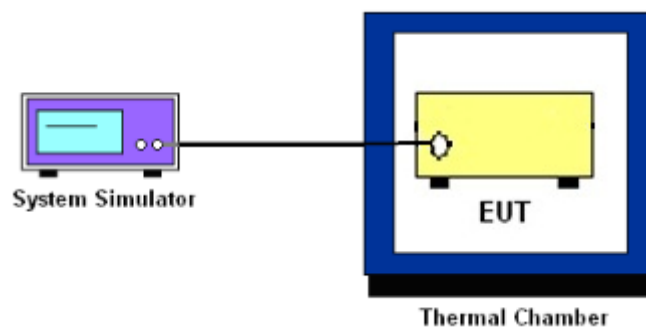
##### 3.1.2 Conducted Output Power



##### 3.1.3 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge, Emission Mask and Conducted Spurious Emission



##### 3.1.4 Frequency Stability



##### 3.1.5 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, Band 26 (Part 22H)

The output power of mobile transmitters must not exceed 100 Watts for LTE Band 26 (Part 90S)

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12, Band 13, Band 14, Band 17, Band 71

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

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

The EIRP of mobile transmitters must not exceed 250mW/5MHz for LTE Band 30

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.



### **3.3 Peak-to-Average Ratio**

#### **3.3.1 Description of the PAR Measurement**

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

**Note:** The smallest unit forming an OFDMA signal is the subcarrier, and each subcarrier carries an equal amount of energy. Different bandwidths vary only in the number of subcarriers they contain. Therefore, for evaluation purposes, the PAPR (Peak-to-Average Power Ratio) is tested and report presents the test results conducted at the specifically bandwidth.

#### **3.3.2 Test Procedures**

The testing follows ANSI C63.26-2015 Section 5.2.6

1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio.



## **3.4 Occupied Bandwidth**

### **3.4.1 Description of Occupied Bandwidth Measurement**

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

### **3.4.2 Test Procedures**

The testing follows ANSI C63.26-2015 Section 5.4.3 (26dB) and Section 5.4.4 (99OB)

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.  
(this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.





## **3.5 Conducted Band Edge**

### **3.5.1 Description of Conducted Band Edge Measurement**

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (c)

For operations in the 776-788 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed. In addition, the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power,  $P$  (dBW), by at least  $65 + 10 \log_{10} p(\text{watts})$ , dB, for mobile and portable equipment.

27.53 (g)

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

27.53 (h)

For operations in the 1710 – 1755 MHz band, 1755-1780 MHz, the FCC limit is  $43 + 10\log_{10}(P[\text{Watts}])$  dB below the transmitter power  $P(\text{Watts})$  in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

**27.53(m)(4)**

For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

**27.53 (a)(4)**

For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

- (i) By a factor of not less than:  $43 + 10 \log (P)$  dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than  $55 + 10 \log (P)$  dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than  $61 + 10 \log (P)$  dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than  $67 + 10 \log (P)$  dB on all frequencies between 2328 and 2337 MHz.
- (ii) By a factor of not less than  $43 + 10 \log (P)$  dB on all frequencies between 2300 and 2305 MHz,  $55 + 10 \log (P)$  dB on all frequencies between 2296 and 2300 MHz,  $61 + 10 \log (P)$  dB on all frequencies between 2292 and 2296 MHz,  $67 + 10 \log (P)$  dB on all frequencies between 2288 and 2292 MHz, and  $70 + 10 \log (P)$  dB below 2288 MHz.
- (iii) By a factor of not less than  $43 + 10 \log (P)$  dB on all frequencies between 2360 and 2365 MHz, and not less than  $70 + 10 \log (P)$  dB above 2365 MHz.

**90.543(e)**

- (1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than  $76 + 10 \log (P)$  dB in a 6.25 kHz band segment, for base and fixed stations.
- (2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than  $65 + 10 \log (P)$  dB in a 6.25 kHz band segment, for mobile and portable stations.
- (3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least  $43 + 10 \log (P)$  dB.



### 3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW  $\geq$  1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.

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

For LTE Band 7, 38, 41

The other 40 dB, and 55 dB have additionally applied same calculation above.



## **3.6 Emission Mask**

### **3.6.1 Description of Emissions Mask Measurement**

For LTE Band 14

Transmitters designed must meet the emission mask comply with the emission mask provisions of FCC Part 90.210(n).

For LTE Band 26

Equipment used in this licensed to EA or non-EA systems shall comply with the emission mask provisions of FCC Part 90.691

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $116 \log_{10}(f/6.1)$  decibels or  $50 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.



### 3.6.2 Test Procedures

For LTE Band 14

The testing follows FCC KDB 971168 D01 v03r01 Section 6.0.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The power of the modulated signal was measured on a spectrum analyzer using an RMS and 10 second sweep time in order to maximize the level.
3. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

For LTE Band 26

1. The EUT was connected to spectrum analyzer and base station via power divider.
2. The emissions mask of low and high channels for the highest RF powers were measured.
3. Set RBW and VBW 3 times of RBW to make the measurement with the spectrum analyzer's, and according to KDB 971168 D02 Misc Rev Approve License Devices v02r01 standards, set RBW = 300 Hz to make offsets less than 37.5 kHz from a channel edge , RBW = 100 kHz to make offsets greater than 37.5 kHz, that is allowed.
4. The test results were shown below plots with a correction offset factor including cable loss, insertion loss of power divider.



### **3.7 Conducted Spurious Emission**

#### **3.7.1 Description of Conducted Spurious Emission Measurement**

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

For LTE Band 30

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least  $70 + 10 \log (P)$  dB.

For LTE Band 7, 38, 41

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

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10<sup>th</sup> harmonic.

#### **3.7.2 Test Procedures**

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.  
The path loss was compensated to the results for each measurement.
3. The conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GHz, VBW = 3 \* RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. The limit line is derived from  $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For LTE Band 30

The limit line is derived from  $70 + 10\log(P)$ 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)



### **3.8 Frequency Stability**

#### **3.8.1 Description of Frequency Stability Measurement**

22.355

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within  $\pm 0.00025\%$  ( $\pm 2.5\text{ppm}$ ) of the center frequency.

24.235 & 27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

#### **3.8.2 Test Procedures for Temperature Variation**

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to  $-30^{\circ}\text{C}$  and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in  $10^{\circ}\text{C}$  step up to  $50^{\circ}\text{C}$ . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

#### **3.8.3 Test Procedures for Voltage Variation**

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at  $20\pm 5^{\circ}\text{C}$  and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

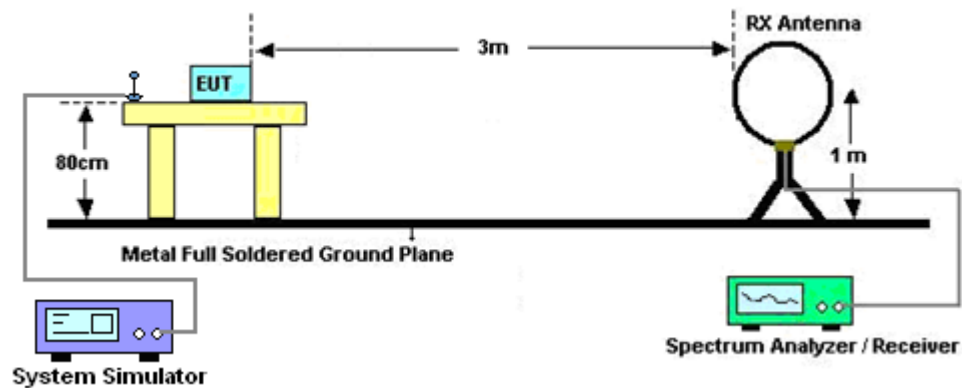
## 4 Radiated Test Items

### 4.1 Measuring Instruments

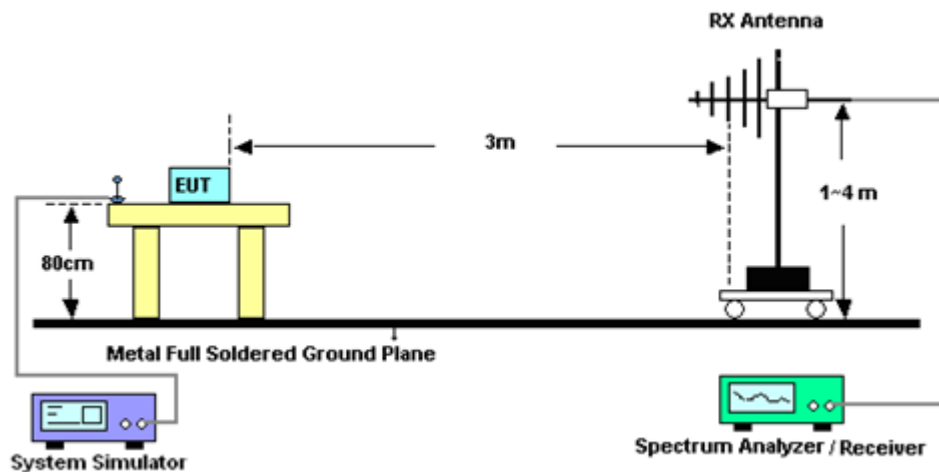
See list of measuring instruments of this test report.

#### 4.1.1 Test Setup

For radiated test below 30MHz

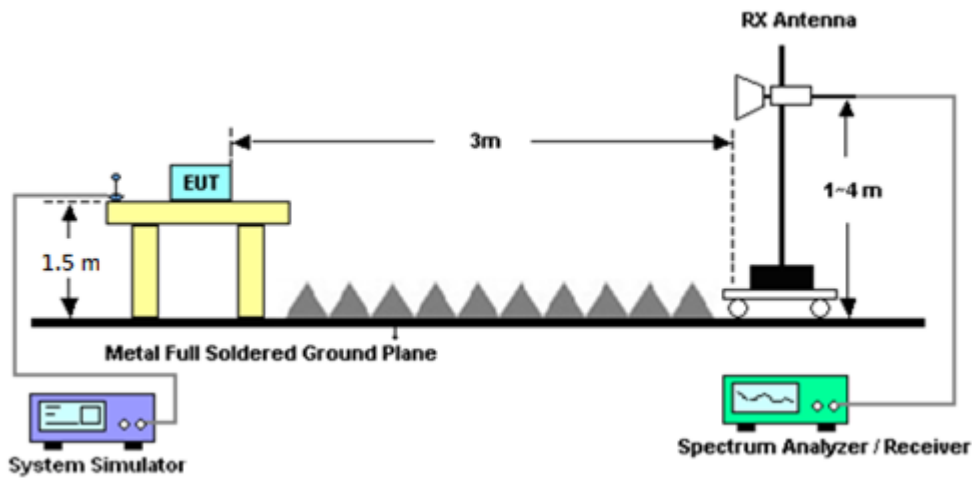


For radiated test from 30MHz to 1GHz

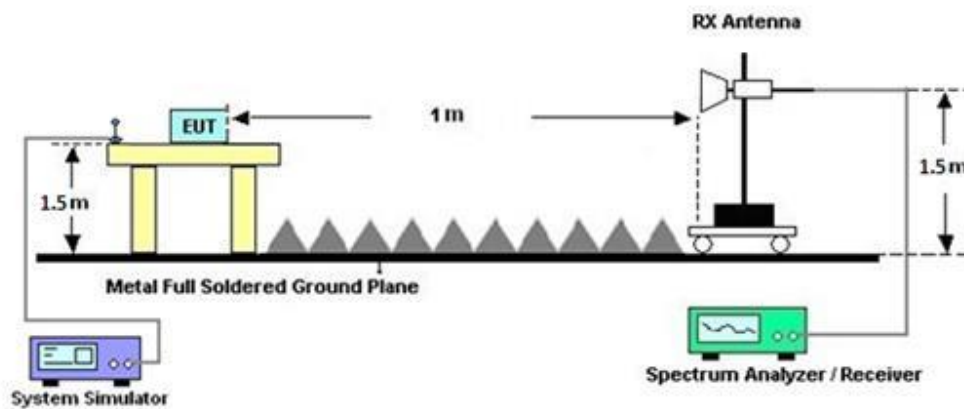




For radiated test from 1GHz to 18GHz



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.

For LTE Band 30

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  $70 + 10 \log (P)$  dB.

For LTE Band 14

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics 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. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

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 C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

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. To convert spectrum reading E(dBuV/m) to EIRP(dBm)  
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.  
The limit line is derived from  $43 + 10\log(P)\text{dB}$  below the transmitter power P(Watts)  
For LTE Band 30  
The limit line is derived from  $70 + 10\log(P)\text{dB}$  below the transmitter power P(Watts)  
For LTE Band 7, 38, 41  
The limit line is derived from  $55 + 10\log(P)\text{dB}$  below the transmitter power P(Watts)



## 5 List of Measuring Equipment

| Instrument                       | Brand Name             | Model No.                            | Serial No.  | Characteristics                  | Calibration Date | Test Date                       | Due Date      | Remark                   |
|----------------------------------|------------------------|--------------------------------------|-------------|----------------------------------|------------------|---------------------------------|---------------|--------------------------|
| Loop Antenna                     | Rohde & Schwarz        | HFH2-Z2                              | 100315      | 9 kHz~30 MHz                     | Feb. 23, 2024    | Feb. 23, 2024~<br>Apr. 17, 2024 | Feb. 22, 2025 | Radiation<br>(03CH12-HY) |
| Bilog Antenna                    | TESEQ                  | CBL 6111D &<br>00800N1D01N-06        | 37059 & 01  | 30MHz~1GHz                       | Nov. 3, 2023     | Feb. 23, 2024~<br>Apr. 17, 2024 | Nov. 02, 2024 | Radiation<br>(03CH12-HY) |
| Horn Antenna                     | SCHWARZBECK            | BBHA 9120 D                          | 9120D-02114 | 1GHz~18GHz                       | Jul. 31, 2023    | Feb. 23, 2024~<br>Apr. 17, 2024 | Jul. 30, 2024 | Radiation<br>(03CH12-HY) |
| SHF-EHF Horn Antenna             | SCHWARZBECK            | BBHA9170                             | 00993       | 18GHz~40GHz                      | Nov. 24, 2023    | Feb. 23, 2024~<br>Apr. 17, 2024 | Nov. 23, 2024 | Radiation<br>(03CH12-HY) |
| Preamplifier                     | COM-POWER              | PA-103A                              | 161075      | 10MHz~1GHz                       | Mar. 21, 2023    | Feb. 23, 2024~<br>Mar. 19, 2024 | Mar. 20, 2024 | Radiation<br>(03CH12-HY) |
| Preamplifier                     | COM-POWER              | PA-103A                              | 161075      | 10MHz~1GHz                       | Mar. 20, 2024    | Mar. 20, 2024~<br>Apr. 17, 2024 | Mar. 19, 2025 | Radiation<br>(03CH12-HY) |
| Preamplifier                     | Agilent                | 8449B                                | 3008A02375  | 1GHz~26.5GHz                     | May 23, 2023     | Feb. 23, 2024~<br>Apr. 17, 2024 | May 22, 2024  | Radiation<br>(03CH12-HY) |
| Preamplifier                     | E-INSTRUMENT TECH LTD. | ERA-100M-18<br>G-56-01-A70           | EC1900249   | 1GHz-18GHz                       | Dec. 20, 2023    | Feb. 23, 2024~<br>Apr. 17, 2024 | Dec. 19, 2024 | Radiation<br>(03CH12-HY) |
| Preamplifier                     | EMEC                   | EM18G40G                             | 060715      | 18GHz~40GHz                      | Dec. 07, 2023    | Feb. 23, 2024~<br>Apr. 17, 2024 | Dec. 06, 2024 | Radiation<br>(03CH12-HY) |
| Spectrum Analyzer                | Agilent                | N9010A                               | MY53470118  | 10Hz~44GHz                       | Jan. 10, 2024    | Feb. 23, 2024~<br>Apr. 17, 2024 | Jan. 09, 2025 | Radiation<br>(03CH12-HY) |
| Filter                           | Wainwright             | WHKX12-900-<br>1000-15000-6<br>OSS   | SN11        | 1GHz High Pass<br>Filter         | Nov. 02, 2023    | Feb. 23, 2024~<br>Apr. 17, 2024 | Nov. 01, 2024 | Radiation<br>(03CH12-HY) |
| Filter                           | Wainwright             | WHKX12-2700<br>-3000-18000-6<br>OSS  | SN2         | 3GHz High Pass<br>Filter         | Jul. 10, 2023    | Feb. 23, 2024~<br>Apr. 17, 2024 | Jul. 09, 2024 | Radiation<br>(03CH12-HY) |
| Filter                           | Wainwright             | WHKX8-5872.<br>5-6750-18000-<br>40ST | SN5         | 6.75GHz High<br>Pass Filter      | Mar. 09, 2023    | Feb. 23, 2024~<br>Mar. 07, 2024 | Mar. 08, 2024 | Radiation<br>(03CH12-HY) |
| Filter                           | Wainwright             | WHKX8-5872.<br>5-6750-18000-<br>40ST | SN5         | 6.75GHz High<br>Pass Filter      | Mar. 08, 2024    | Mar. 08, 2024~<br>Apr. 17, 2024 | Mar. 07, 2025 | Radiation<br>(03CH12-HY) |
| RF Cable                         | HUBER +<br>SUHNER      | SUCOFLEX<br>102                      | 803951/2    | 9kHz~30MHz                       | Mar. 07, 2023    | Feb. 23, 2024~<br>Mar. 05, 2024 | Mar. 06, 2024 | Radiation<br>(03CH12-HY) |
| RF Cable                         | HUBER +<br>SUHNER      | SUCOFLEX<br>102                      | 803951/2    | 9kHz~30MHz                       | Mar. 06, 2024    | Mar. 06, 2024~<br>Apr. 17, 2024 | Mar. 05, 2025 | Radiation<br>(03CH12-HY) |
| RF Cable                         | HUBER +<br>SUHNER      | SUCOFLEX<br>126E                     | 0058/126E   | 30MHz~18GHz                      | Dec. 18, 2023    | Feb. 23, 2024~<br>Apr. 17, 2024 | Dec. 17, 2024 | Radiation<br>(03CH12-HY) |
| RF Cable                         | HUBER +<br>SUHNER      | SUCOFLEX<br>102                      | 505134/2    | 30MHz~40GHz                      | Dec. 18, 2023    | Feb. 23, 2024~<br>Apr. 17, 2024 | Dec. 17, 2024 | Radiation<br>(03CH12-HY) |
| RF Cable                         | HUBER +<br>SUHNER      | SUCOFLEX<br>102                      | 803953/2    | 30MHz~40GHz                      | Dec. 18, 2023    | Feb. 23, 2024~<br>Apr. 17, 2024 | Dec. 17, 2024 | Radiation<br>(03CH12-HY) |
| Hygrometer                       | TECPEL                 | DTM-303B                             | TP210117    | N/A                              | Oct. 19, 2023    | Feb. 23, 2024~<br>Apr. 17, 2024 | Oct. 18, 2024 | Radiation<br>(03CH12-HY) |
| Controller                       | EMEC                   | EM1000                               | N/A         | Control Turn<br>table & Ant Mast | N/A              | Feb. 23, 2024~<br>Apr. 17, 2024 | N/A           | Radiation<br>(03CH12-HY) |
| Antenna Mast                     | EMEC                   | AM-BS-4500-B                         | N/A         | 1m~4m                            | N/A              | Feb. 23, 2024~<br>Apr. 17, 2024 | N/A           | Radiation<br>(03CH12-HY) |
| Radio Communication Test Station | Anritsu                | NT8000A                              | 6272337370  | N/A                              | Nov. 14, 2023    | Feb. 23, 2024~<br>Apr. 17, 2024 | Nov. 13, 2024 | Radiation<br>(03CH12-HY) |
| Turn Table                       | EMEC                   | TT2000                               | N/A         | 0~360 Degree                     | N/A              | Feb. 23, 2024~<br>Apr. 17, 2024 | N/A           | Radiation<br>(03CH12-HY) |
| Software                         | Audix                  | E3<br>6.2009-8-24                    | RK-000989   | N/A                              | N/A              | Feb. 23, 2024~<br>Apr. 17, 2024 | N/A           | Radiation<br>(03CH12-HY) |



| Instrument             | Brand Name      | Model No.                        | Serial No. | Characteristics                                            | Calibration Date | Test Date                    | Due Date      | Remark              |
|------------------------|-----------------|----------------------------------|------------|------------------------------------------------------------|------------------|------------------------------|---------------|---------------------|
| Base Station(Measur e) | Anritsu         | MT8821C                          | 6201664755 | LTE FDD/TDD(with4 4), LTE-4CC DLCA/2CC ULCA, CatM1/NB1/NB2 | Jul. 18, 2023    | Feb. 01, 2024~ Apr. 01, 2024 | Jul. 17, 2024 | Conducted (TH03-HY) |
| Spectrum Analyzer      | Rohde & Schwarz | FSV40                            | 101908     | 10Hz~40GHz                                                 | Sep. 11, 2023    | Feb. 01, 2024~ Apr. 01, 2024 | Sep. 10, 2024 | Conducted (TH03-HY) |
| Thermal Chamber        | ESPEC           | SH-241                           | 92003713   | -30℃ ~95℃                                                  | May 17, 2023     | Feb. 01, 2024~ Apr. 01, 2024 | May 16, 2024  | Conducted (TH03-HY) |
| DC Power Supply        | GW Instek       | GPP-2323                         | GES906037  | 0V~64V : 0A~6A                                             | Dec. 28, 2023    | Feb. 01, 2024~ Apr. 01, 2024 | Dec. 27 2024  | Conducted (TH03-HY) |
| Coupler                | Warison         | 20dB 25W SMA Directional Coupler | #B         | 1-18GHz                                                    | Jan. 08, 2024    | Feb. 01, 2024~ Apr. 01, 2024 | Jan. 07, 2025 | Conducted (TH03-HY) |



## 6 Measurement Uncertainty

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.07 dB |
|-------------------------------------------------------------------------|---------|

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.63 dB |
|-------------------------------------------------------------------------|---------|

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

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 4.14 dB |
|-------------------------------------------------------------------------|---------|



## Appendix A. Test Results of Conducted Test

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

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                          | 1         | 0         | QPSK    | 24.01  | 24.27  | 24.18   | 23.62      | 0.2301   |
| 20                                                          | 1         | 49        |         | 24.14  | 24.18  | 24.14   |            |          |
| 20                                                          | 1         | 99        |         | 24.13  | 24.21  | 24.12   |            |          |
| 20                                                          | 50        | 0         |         | 23.09  | 23.28  | 23.18   |            |          |
| 20                                                          | 50        | 24        |         | 23.17  | 23.27  | 23.32   |            |          |
| 20                                                          | 50        | 50        |         | 23.18  | 23.27  | 23.26   |            |          |
| 20                                                          | 100       | 0         |         | 23.16  | 23.24  | 23.29   |            |          |
| 20                                                          | 1         | 0         | 16-QAM  | 23.03  | 23.23  | 23.28   | 22.73      | 0.1875   |
| 20                                                          | 1         | 49        |         | 23.21  | 23.38  | 23.30   |            |          |
| 20                                                          | 1         | 99        |         | 23.31  | 23.31  | 23.22   |            |          |
| 20                                                          | 50        | 0         |         | 21.88  | 22.03  | 22.02   |            |          |
| 20                                                          | 50        | 24        |         | 22.04  | 22.06  | 22.06   |            |          |
| 20                                                          | 50        | 50        |         | 22.05  | 22.09  | 22.07   |            |          |
| 20                                                          | 100       | 0         |         | 22.00  | 22.02  | 22.07   |            |          |
| 20                                                          | 1         | 0         | 64-QAM  | 22.29  | 22.12  | 22.29   | 21.72      | 0.1486   |
| 20                                                          | 1         | 49        |         | 22.23  | 22.37  | 22.24   |            |          |
| 20                                                          | 1         | 99        |         | 22.23  | 22.18  | 22.13   |            |          |
| 20                                                          | 50        | 0         |         | 20.96  | 21.00  | 21.04   |            |          |
| 20                                                          | 50        | 24        |         | 21.03  | 21.06  | 21.09   |            |          |
| 20                                                          | 50        | 50        |         | 21.03  | 21.10  | 21.07   |            |          |
| 20                                                          | 100       | 0         |         | 21.02  | 21.04  | 21.10   |            |          |
| 20                                                          | 1         | 0         | 256-QAM | 18.91  | 19.19  | 19.09   | 18.69      | 0.0740   |
| 20                                                          | 1         | 49        |         | 19.05  | 19.25  | 19.17   |            |          |
| 20                                                          | 1         | 99        |         | 19.09  | 19.20  | 19.34   |            |          |
| 20                                                          | 50        | 0         |         | 18.97  | 19.05  | 19.08   |            |          |
| 20                                                          | 50        | 24        |         | 19.05  | 19.15  | 19.09   |            |          |
| 20                                                          | 50        | 50        |         | 19.07  | 19.17  | 19.16   |            |          |
| 20                                                          | 100       | 0         |         | 19.02  | 19.12  | 19.13   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                          | 1         | 0         | QPSK    | 23.83  | 24.12  | 24.01   | 23.47      | 0.2223   |
| 15                                                          | 1         | 37        |         | 24.03  | 23.99  | 23.99   |            |          |
| 15                                                          | 1         | 74        |         | 23.96  | 24.07  | 24.02   |            |          |
| 15                                                          | 36        | 0         |         | 22.95  | 23.13  | 23.03   |            |          |
| 15                                                          | 36        | 20        |         | 23.07  | 23.10  | 23.18   |            |          |
| 15                                                          | 36        | 39        |         | 23.03  | 23.14  | 23.12   |            |          |
| 15                                                          | 75        | 0         |         | 22.99  | 23.11  | 23.14   |            |          |
| 15                                                          | 1         | 0         | 16-QAM  | 22.83  | 23.10  | 23.08   | 22.57      | 0.1807   |
| 15                                                          | 1         | 37        |         | 23.08  | 23.22  | 23.17   |            |          |
| 15                                                          | 1         | 74        |         | 23.18  | 23.20  | 23.08   |            |          |
| 15                                                          | 36        | 0         |         | 21.69  | 21.86  | 21.85   |            |          |
| 15                                                          | 36        | 20        |         | 21.92  | 21.88  | 21.91   |            |          |
| 15                                                          | 36        | 39        |         | 21.95  | 21.96  | 21.96   |            |          |
| 15                                                          | 75        | 0         |         | 21.86  | 21.92  | 21.92   |            |          |
| 15                                                          | 1         | 0         | 64-QAM  | 22.16  | 21.93  | 22.13   | 21.61      | 0.1449   |
| 15                                                          | 1         | 37        |         | 22.07  | 22.26  | 22.14   |            |          |
| 15                                                          | 1         | 74        |         | 22.06  | 22.03  | 21.96   |            |          |
| 15                                                          | 36        | 0         |         | 20.79  | 20.90  | 20.88   |            |          |
| 15                                                          | 36        | 20        |         | 20.84  | 20.88  | 20.96   |            |          |
| 15                                                          | 36        | 39        |         | 20.93  | 20.97  | 20.90   |            |          |
| 15                                                          | 75        | 0         |         | 20.88  | 20.94  | 20.91   |            |          |
| 15                                                          | 1         | 0         | 256-QAM | 18.73  | 19.03  | 18.92   | 18.58      | 0.0721   |
| 15                                                          | 1         | 37        |         | 18.95  | 19.07  | 19.01   |            |          |
| 15                                                          | 1         | 74        |         | 18.91  | 19.01  | 19.23   |            |          |
| 15                                                          | 36        | 0         |         | 18.83  | 18.90  | 18.96   |            |          |
| 15                                                          | 36        | 20        |         | 18.90  | 19.00  | 18.99   |            |          |
| 15                                                          | 36        | 39        |         | 18.92  | 19.03  | 18.96   |            |          |
| 15                                                          | 75        | 0         |         | 18.84  | 18.94  | 19.01   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |





| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                          | 1         | 0         | QPSK    | 23.81  | 24.15  | 24.04   | 23.50      | 0.2239   |
| 10                                                          | 1         | 25        |         | 24.03  | 24.06  | 23.96   |            |          |
| 10                                                          | 1         | 49        |         | 23.99  | 24.09  | 23.95   |            |          |
| 10                                                          | 25        | 0         |         | 22.91  | 23.10  | 22.98   |            |          |
| 10                                                          | 25        | 12        |         | 22.98  | 23.10  | 23.12   |            |          |
| 10                                                          | 25        | 25        |         | 23.01  | 23.14  | 23.16   |            |          |
| 10                                                          | 50        | 0         |         | 23.02  | 23.10  | 23.16   |            |          |
| 10                                                          | 1         | 0         | 16-QAM  | 22.93  | 23.12  | 23.16   | 22.57      | 0.1807   |
| 10                                                          | 1         | 25        |         | 23.10  | 23.22  | 23.13   |            |          |
| 10                                                          | 1         | 49        |         | 23.12  | 23.19  | 23.07   |            |          |
| 10                                                          | 25        | 0         |         | 21.77  | 21.93  | 21.92   |            |          |
| 10                                                          | 25        | 12        |         | 21.86  | 21.88  | 21.91   |            |          |
| 10                                                          | 25        | 25        |         | 21.94  | 21.89  | 21.93   |            |          |
| 10                                                          | 50        | 0         |         | 21.87  | 21.88  | 21.89   |            |          |
| 10                                                          | 1         | 0         | 64-QAM  | 22.11  | 21.95  | 22.17   | 21.56      | 0.1432   |
| 10                                                          | 1         | 25        |         | 22.13  | 22.21  | 22.12   |            |          |
| 10                                                          | 1         | 49        |         | 22.05  | 21.98  | 22.00   |            |          |
| 10                                                          | 25        | 0         |         | 20.77  | 20.82  | 20.93   |            |          |
| 10                                                          | 25        | 12        |         | 20.88  | 20.88  | 20.99   |            |          |
| 10                                                          | 25        | 25        |         | 20.92  | 20.97  | 20.87   |            |          |
| 10                                                          | 50        | 0         |         | 20.84  | 20.84  | 20.90   |            |          |
| 10                                                          | 1         | 0         | 256-QAM | 18.71  | 19.09  | 18.93   | 18.57      | 0.0719   |
| 10                                                          | 1         | 25        |         | 18.93  | 19.13  | 19.07   |            |          |
| 10                                                          | 1         | 49        |         | 18.91  | 19.09  | 19.22   |            |          |
| 10                                                          | 25        | 0         |         | 18.85  | 18.95  | 18.96   |            |          |
| 10                                                          | 25        | 12        |         | 18.95  | 19.05  | 18.99   |            |          |
| 10                                                          | 25        | 25        |         | 18.89  | 19.07  | 18.96   |            |          |
| 10                                                          | 50        | 0         |         | 18.90  | 18.99  | 18.94   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                           | 1         | 0         | QPSK    | 23.84  | 24.14  | 24.07   | 23.49      | 0.2234   |
| 5                                                           | 1         | 12        |         | 23.99  | 24.04  | 23.97   |            |          |
| 5                                                           | 1         | 24        |         | 24.00  | 24.11  | 23.98   |            |          |
| 5                                                           | 12        | 0         |         | 22.92  | 23.11  | 23.06   |            |          |
| 5                                                           | 12        | 7         |         | 23.00  | 23.10  | 23.22   |            |          |
| 5                                                           | 12        | 13        |         | 22.99  | 23.10  | 23.11   |            |          |
| 5                                                           | 25        | 0         |         | 22.97  | 23.11  | 23.13   |            |          |
| 5                                                           | 1         | 0         | 16-QAM  | 22.90  | 23.09  | 23.11   | 22.55      | 0.1799   |
| 5                                                           | 1         | 12        |         | 23.02  | 23.20  | 23.14   |            |          |
| 5                                                           | 1         | 24        |         | 23.20  | 23.14  | 23.06   |            |          |
| 5                                                           | 12        | 0         |         | 21.72  | 21.85  | 21.89   |            |          |
| 5                                                           | 12        | 7         |         | 21.94  | 21.96  | 21.93   |            |          |
| 5                                                           | 12        | 13        |         | 21.95  | 21.90  | 21.90   |            |          |
| 5                                                           | 25        | 0         |         | 21.81  | 21.91  | 21.92   |            |          |
| 5                                                           | 1         | 0         | 64-QAM  | 22.15  | 22.00  | 22.14   | 21.61      | 0.1449   |
| 5                                                           | 1         | 12        |         | 22.06  | 22.26  | 22.08   |            |          |
| 5                                                           | 1         | 24        |         | 22.09  | 22.08  | 21.98   |            |          |
| 5                                                           | 12        | 0         |         | 20.86  | 20.87  | 20.85   |            |          |
| 5                                                           | 12        | 7         |         | 20.83  | 20.88  | 20.96   |            |          |
| 5                                                           | 12        | 13        |         | 20.88  | 20.92  | 20.91   |            |          |
| 5                                                           | 25        | 0         |         | 20.90  | 20.84  | 20.95   |            |          |
| 5                                                           | 1         | 0         | 256-QAM | 18.81  | 19.04  | 18.98   | 18.58      | 0.0721   |
| 5                                                           | 1         | 12        |         | 18.90  | 19.07  | 19.00   |            |          |
| 5                                                           | 1         | 24        |         | 18.98  | 19.10  | 19.23   |            |          |
| 5                                                           | 12        | 0         |         | 18.82  | 18.85  | 18.98   |            |          |
| 5                                                           | 12        | 7         |         | 18.93  | 18.98  | 18.89   |            |          |
| 5                                                           | 12        | 13        |         | 18.89  | 19.01  | 18.99   |            |          |
| 5                                                           | 25        | 0         |         | 18.90  | 18.95  | 18.99   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                           | 1         | 0         | QPSK    | 23.82  | 24.09  | 24.03   | 23.44      | 0.2208   |
| 3                                                           | 1         | 8         |         | 23.98  | 24.04  | 23.97   |            |          |
| 3                                                           | 1         | 14        |         | 23.98  | 24.02  | 24.01   |            |          |
| 3                                                           | 8         | 0         |         | 22.96  | 23.08  | 23.07   |            |          |
| 3                                                           | 8         | 4         |         | 22.98  | 23.14  | 23.21   |            |          |
| 3                                                           | 8         | 7         |         | 23.08  | 23.13  | 23.06   |            |          |
| 3                                                           | 15        | 0         |         | 23.02  | 23.04  | 23.12   |            |          |
| 3                                                           | 1         | 0         | 16-QAM  | 22.92  | 23.11  | 23.09   | 22.55      | 0.1799   |
| 3                                                           | 1         | 8         |         | 23.05  | 23.19  | 23.20   |            |          |
| 3                                                           | 1         | 14        |         | 23.14  | 23.15  | 23.03   |            |          |
| 3                                                           | 8         | 0         |         | 21.72  | 21.90  | 21.85   |            |          |
| 3                                                           | 8         | 4         |         | 21.92  | 21.88  | 21.88   |            |          |
| 3                                                           | 8         | 7         |         | 21.91  | 21.91  | 21.90   |            |          |
| 3                                                           | 15        | 0         |         | 21.89  | 21.90  | 21.87   |            |          |
| 3                                                           | 1         | 0         | 64-QAM  | 22.18  | 21.94  | 22.19   | 21.54      | 0.1426   |
| 3                                                           | 1         | 8         |         | 22.11  | 22.17  | 22.14   |            |          |
| 3                                                           | 1         | 14        |         | 22.09  | 21.99  | 21.93   |            |          |
| 3                                                           | 8         | 0         |         | 20.80  | 20.88  | 20.88   |            |          |
| 3                                                           | 8         | 4         |         | 20.84  | 20.89  | 20.98   |            |          |
| 3                                                           | 8         | 7         |         | 20.92  | 20.95  | 20.94   |            |          |
| 3                                                           | 15        | 0         |         | 20.88  | 20.89  | 20.91   |            |          |
| 3                                                           | 1         | 0         | 256-QAM | 18.71  | 19.01  | 18.90   | 18.52      | 0.0711   |
| 3                                                           | 1         | 8         |         | 18.90  | 19.14  | 19.07   |            |          |
| 3                                                           | 1         | 14        |         | 18.91  | 19.07  | 19.17   |            |          |
| 3                                                           | 8         | 0         |         | 18.84  | 18.89  | 18.88   |            |          |
| 3                                                           | 8         | 4         |         | 18.85  | 18.99  | 18.96   |            |          |
| 3                                                           | 8         | 7         |         | 18.95  | 18.98  | 19.06   |            |          |
| 3                                                           | 15        | 0         |         | 18.82  | 18.98  | 18.93   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                         | 1         | 0         | QPSK    | 23.88  | 24.12  | 24.03   | 23.47      | 0.2223   |
| 1.4                                                         | 1         | 3         |         | 24.00  | 24.03  | 23.98   |            |          |
| 1.4                                                         | 1         | 5         |         | 24.03  | 24.06  | 24.00   |            |          |
| 1.4                                                         | 3         | 0         |         | 23.77  | 23.96  | 23.90   |            |          |
| 1.4                                                         | 3         | 1         |         | 23.88  | 23.86  | 23.88   |            |          |
| 1.4                                                         | 3         | 3         |         | 23.88  | 23.86  | 23.88   |            |          |
| 1.4                                                         | 6         | 0         |         | 22.90  | 23.08  | 23.04   |            |          |
| 1.4                                                         | 1         | 0         | 16-QAM  | 22.99  | 23.09  | 23.12   | 22.72      | 0.1871   |
| 1.4                                                         | 1         | 3         |         | 23.00  | 23.10  | 23.15   |            |          |
| 1.4                                                         | 1         | 5         |         | 22.98  | 23.12  | 23.12   |            |          |
| 1.4                                                         | 3         | 0         |         | 23.08  | 23.26  | 23.35   |            |          |
| 1.4                                                         | 3         | 1         |         | 23.29  | 23.27  | 23.33   |            |          |
| 1.4                                                         | 3         | 3         |         | 23.37  | 23.32  | 23.23   |            |          |
| 1.4                                                         | 6         | 0         |         | 21.89  | 22.04  | 22.02   |            |          |
| 1.4                                                         | 1         | 0         | 64-QAM  | 22.11  | 22.08  | 22.15   | 21.73      | 0.1489   |
| 1.4                                                         | 1         | 3         |         | 22.05  | 22.15  | 22.15   |            |          |
| 1.4                                                         | 1         | 5         |         | 22.02  | 22.03  | 22.17   |            |          |
| 1.4                                                         | 3         | 0         |         | 22.33  | 22.15  | 22.38   |            |          |
| 1.4                                                         | 3         | 1         |         | 22.32  | 22.23  | 22.30   |            |          |
| 1.4                                                         | 3         | 3         |         | 22.27  | 22.24  | 22.22   |            |          |
| 1.4                                                         | 6         | 0         |         | 21.00  | 21.03  | 21.10   |            |          |
| 1.4                                                         | 1         | 0         | 256-QAM | 18.93  | 19.21  | 19.19   | 18.69      | 0.0740   |
| 1.4                                                         | 1         | 3         |         | 19.15  | 19.31  | 19.27   |            |          |
| 1.4                                                         | 1         | 5         |         | 19.11  | 19.24  | 19.34   |            |          |
| 1.4                                                         | 3         | 0         |         | 19.03  | 19.05  | 19.10   |            |          |
| 1.4                                                         | 3         | 1         |         | 19.14  | 19.18  | 19.16   |            |          |
| 1.4                                                         | 3         | 3         |         | 19.13  | 19.21  | 19.19   |            |          |
| 1.4                                                         | 6         | 0         |         | 19.05  | 19.19  | 19.21   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                           | 1         | 0         | QPSK    | 24.15  | 24.21  | 24.16   | 23.56      | 0.2270   |
| 20                                                           | 1         | 49        |         | 24.14  | 24.12  | 24.14   |            |          |
| 20                                                           | 1         | 99        |         | 24.08  | 24.13  | 24.08   |            |          |
| 20                                                           | 50        | 0         |         | 23.17  | 23.24  | 23.15   |            |          |
| 20                                                           | 50        | 24        |         | 23.24  | 23.35  | 23.21   |            |          |
| 20                                                           | 50        | 50        |         | 23.23  | 23.32  | 23.25   |            |          |
| 20                                                           | 100       | 0         |         | 23.22  | 23.23  | 23.19   |            |          |
| 20                                                           | 1         | 0         | 16-QAM  | 23.21  | 23.13  | 23.23   | 22.69      | 0.1858   |
| 20                                                           | 1         | 49        |         | 23.27  | 23.22  | 23.22   |            |          |
| 20                                                           | 1         | 99        |         | 23.34  | 23.24  | 23.22   |            |          |
| 20                                                           | 50        | 0         |         | 21.94  | 22.06  | 21.98   |            |          |
| 20                                                           | 50        | 24        |         | 22.06  | 22.10  | 21.98   |            |          |
| 20                                                           | 50        | 50        |         | 22.05  | 22.14  | 22.04   |            |          |
| 20                                                           | 100       | 0         |         | 22.01  | 22.05  | 21.96   |            |          |
| 20                                                           | 1         | 0         | 64-QAM  | 22.04  | 22.06  | 22.05   | 21.59      | 0.1442   |
| 20                                                           | 1         | 49        |         | 22.14  | 22.24  | 22.06   |            |          |
| 20                                                           | 1         | 99        |         | 22.03  | 22.23  | 22.15   |            |          |
| 20                                                           | 50        | 0         |         | 20.96  | 21.03  | 20.98   |            |          |
| 20                                                           | 50        | 24        |         | 21.07  | 21.15  | 21.01   |            |          |
| 20                                                           | 50        | 50        |         | 21.03  | 21.10  | 21.05   |            |          |
| 20                                                           | 100       | 0         |         | 21.04  | 21.04  | 21.04   |            |          |
| 20                                                           | 1         | 0         | 256-QAM | 18.94  | 19.11  | 19.01   | 18.60      | 0.0724   |
| 20                                                           | 1         | 49        |         | 19.08  | 19.17  | 19.10   |            |          |
| 20                                                           | 1         | 99        |         | 19.22  | 19.25  | 19.18   |            |          |
| 20                                                           | 50        | 0         |         | 19.01  | 19.10  | 19.06   |            |          |
| 20                                                           | 50        | 24        |         | 19.06  | 19.21  | 19.06   |            |          |
| 20                                                           | 50        | 50        |         | 19.09  | 19.19  | 19.08   |            |          |
| 20                                                           | 100       | 0         |         | 19.08  | 19.10  | 19.10   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                           | 1         | 0         | QPSK    | 23.99  | 24.01  | 24.04   | 23.39      | 0.2183   |
| 15                                                           | 1         | 37        |         | 24.00  | 24.01  | 23.94   |            |          |
| 15                                                           | 1         | 74        |         | 23.90  | 23.96  | 23.90   |            |          |
| 15                                                           | 36        | 0         |         | 23.00  | 23.12  | 23.02   |            |          |
| 15                                                           | 36        | 20        |         | 23.07  | 23.19  | 23.05   |            |          |
| 15                                                           | 36        | 39        |         | 23.13  | 23.13  | 23.08   |            |          |
| 15                                                           | 75        | 0         |         | 23.05  | 23.11  | 23.06   |            |          |
| 15                                                           | 1         | 0         | 16-QAM  | 23.21  | 23.22  | 23.24   | 22.67      | 0.1849   |
| 15                                                           | 1         | 37        |         | 23.28  | 23.27  | 23.25   |            |          |
| 15                                                           | 1         | 74        |         | 23.22  | 23.25  | 23.32   |            |          |
| 15                                                           | 36        | 0         |         | 21.96  | 22.16  | 22.03   |            |          |
| 15                                                           | 36        | 20        |         | 22.14  | 22.18  | 22.02   |            |          |
| 15                                                           | 36        | 39        |         | 22.05  | 22.21  | 22.13   |            |          |
| 15                                                           | 75        | 0         |         | 22.11  | 22.12  | 21.99   |            |          |
| 15                                                           | 1         | 0         | 64-QAM  | 22.13  | 22.15  | 22.05   | 21.68      | 0.1472   |
| 15                                                           | 1         | 37        |         | 22.21  | 22.24  | 22.15   |            |          |
| 15                                                           | 1         | 74        |         | 22.10  | 22.33  | 22.24   |            |          |
| 15                                                           | 36        | 0         |         | 21.00  | 21.06  | 21.02   |            |          |
| 15                                                           | 36        | 20        |         | 21.08  | 21.21  | 21.08   |            |          |
| 15                                                           | 36        | 39        |         | 21.06  | 21.11  | 21.12   |            |          |
| 15                                                           | 75        | 0         |         | 21.05  | 21.11  | 21.06   |            |          |
| 15                                                           | 1         | 0         | 256-QAM | 19.02  | 19.11  | 19.08   | 18.67      | 0.0736   |
| 15                                                           | 1         | 37        |         | 19.16  | 19.26  | 19.20   |            |          |
| 15                                                           | 1         | 74        |         | 19.32  | 19.26  | 19.27   |            |          |
| 15                                                           | 36        | 0         |         | 19.08  | 19.19  | 19.14   |            |          |
| 15                                                           | 36        | 20        |         | 19.16  | 19.31  | 19.09   |            |          |
| 15                                                           | 36        | 39        |         | 19.09  | 19.23  | 19.17   |            |          |
| 15                                                           | 75        | 0         |         | 19.10  | 19.13  | 19.15   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                           | 1         | 0         | QPSK    | 23.98  | 24.03  | 24.03   | 23.38      | 0.2178   |
| 10                                                           | 1         | 25        |         | 23.99  | 23.94  | 23.95   |            |          |
| 10                                                           | 1         | 49        |         | 23.91  | 24.01  | 23.90   |            |          |
| 10                                                           | 25        | 0         |         | 23.03  | 23.12  | 22.95   |            |          |
| 10                                                           | 25        | 12        |         | 23.06  | 23.25  | 23.01   |            |          |
| 10                                                           | 25        | 25        |         | 23.11  | 23.20  | 23.14   |            |          |
| 10                                                           | 50        | 0         |         | 23.02  | 23.08  | 23.00   |            |          |
| 10                                                           | 1         | 0         | 16-QAM  | 23.22  | 23.14  | 23.28   | 22.68      | 0.1854   |
| 10                                                           | 1         | 25        |         | 23.33  | 23.29  | 23.25   |            |          |
| 10                                                           | 1         | 49        |         | 23.21  | 23.24  | 23.23   |            |          |
| 10                                                           | 25        | 0         |         | 21.98  | 22.14  | 22.01   |            |          |
| 10                                                           | 25        | 12        |         | 22.09  | 22.17  | 22.01   |            |          |
| 10                                                           | 25        | 25        |         | 22.07  | 22.22  | 22.10   |            |          |
| 10                                                           | 50        | 0         |         | 22.06  | 22.05  | 22.02   |            |          |
| 10                                                           | 1         | 0         | 64-QAM  | 22.07  | 22.08  | 22.07   | 21.64      | 0.1459   |
| 10                                                           | 1         | 25        |         | 22.22  | 22.24  | 22.11   |            |          |
| 10                                                           | 1         | 49        |         | 22.08  | 22.29  | 22.25   |            |          |
| 10                                                           | 25        | 0         |         | 21.02  | 21.03  | 21.06   |            |          |
| 10                                                           | 25        | 12        |         | 21.10  | 21.21  | 21.10   |            |          |
| 10                                                           | 25        | 25        |         | 21.10  | 21.10  | 21.10   |            |          |
| 10                                                           | 50        | 0         |         | 21.05  | 21.09  | 21.08   |            |          |
| 10                                                           | 1         | 0         | 256-QAM | 19.03  | 19.15  | 19.09   | 18.69      | 0.0740   |
| 10                                                           | 1         | 25        |         | 19.13  | 19.23  | 19.16   |            |          |
| 10                                                           | 1         | 49        |         | 19.29  | 19.34  | 19.24   |            |          |
| 10                                                           | 25        | 0         |         | 19.06  | 19.20  | 19.07   |            |          |
| 10                                                           | 25        | 12        |         | 19.13  | 19.28  | 19.12   |            |          |
| 10                                                           | 25        | 25        |         | 19.10  | 19.24  | 19.12   |            |          |
| 10                                                           | 50        | 0         |         | 19.12  | 19.17  | 19.17   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                            | 1         | 0         | QPSK    | 23.96  | 24.06  | 24.05   | 23.41      | 0.2193   |
| 5                                                            | 1         | 12        |         | 24.01  | 23.94  | 24.02   |            |          |
| 5                                                            | 1         | 24        |         | 23.88  | 23.99  | 23.98   |            |          |
| 5                                                            | 12        | 0         |         | 23.03  | 23.11  | 23.00   |            |          |
| 5                                                            | 12        | 7         |         | 23.05  | 23.24  | 23.10   |            |          |
| 5                                                            | 12        | 13        |         | 23.11  | 23.20  | 23.12   |            |          |
| 5                                                            | 25        | 0         |         | 23.10  | 23.07  | 23.03   |            |          |
| 5                                                            | 1         | 0         | 16-QAM  | 23.21  | 23.19  | 23.24   | 22.69      | 0.1858   |
| 5                                                            | 1         | 12        |         | 23.27  | 23.25  | 23.26   |            |          |
| 5                                                            | 1         | 24        |         | 23.34  | 23.27  | 23.27   |            |          |
| 5                                                            | 12        | 0         |         | 22.02  | 22.08  | 22.05   |            |          |
| 5                                                            | 12        | 7         |         | 22.14  | 22.13  | 22.03   |            |          |
| 5                                                            | 12        | 13        |         | 22.12  | 22.22  | 22.09   |            |          |
| 5                                                            | 25        | 0         |         | 22.03  | 22.11  | 22.00   |            |          |
| 5                                                            | 1         | 0         | 64-QAM  | 22.13  | 22.15  | 22.06   | 21.66      | 0.1466   |
| 5                                                            | 1         | 12        |         | 22.21  | 22.24  | 22.14   |            |          |
| 5                                                            | 1         | 24        |         | 22.04  | 22.31  | 22.16   |            |          |
| 5                                                            | 12        | 0         |         | 20.96  | 21.07  | 21.08   |            |          |
| 5                                                            | 12        | 7         |         | 21.17  | 21.15  | 21.02   |            |          |
| 5                                                            | 12        | 13        |         | 21.06  | 21.17  | 21.14   |            |          |
| 5                                                            | 25        | 0         |         | 21.04  | 21.13  | 21.08   |            |          |
| 5                                                            | 1         | 0         | 256-QAM | 19.02  | 19.18  | 19.11   | 18.66      | 0.0735   |
| 5                                                            | 1         | 12        |         | 19.15  | 19.27  | 19.11   |            |          |
| 5                                                            | 1         | 24        |         | 19.30  | 19.26  | 19.26   |            |          |
| 5                                                            | 12        | 0         |         | 19.02  | 19.20  | 19.14   |            |          |
| 5                                                            | 12        | 7         |         | 19.08  | 19.31  | 19.16   |            |          |
| 5                                                            | 12        | 13        |         | 19.18  | 19.28  | 19.17   |            |          |
| 5                                                            | 25        | 0         |         | 19.10  | 19.16  | 19.15   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |





# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                            | 1         | 0         | QPSK    | 23.98  | 24.07  | 24.03   | 23.42      | 0.2198   |
| 3                                                            | 1         | 8         |         | 23.97  | 23.92  | 24.01   |            |          |
| 3                                                            | 1         | 14        |         | 23.98  | 23.94  | 23.90   |            |          |
| 3                                                            | 8         | 0         |         | 23.03  | 23.13  | 22.95   |            |          |
| 3                                                            | 8         | 4         |         | 23.12  | 23.15  | 23.04   |            |          |
| 3                                                            | 8         | 7         |         | 23.13  | 23.16  | 23.06   |            |          |
| 3                                                            | 15        | 0         |         | 23.11  | 23.11  | 23.02   |            |          |
| 3                                                            | 1         | 0         | 16-QAM  | 23.22  | 23.22  | 23.32   | 22.75      | 0.1884   |
| 3                                                            | 1         | 8         |         | 23.28  | 23.26  | 23.24   |            |          |
| 3                                                            | 1         | 14        |         | 23.40  | 23.33  | 23.31   |            |          |
| 3                                                            | 8         | 0         |         | 22.02  | 22.14  | 22.02   |            |          |
| 3                                                            | 8         | 4         |         | 22.09  | 22.12  | 22.07   |            |          |
| 3                                                            | 8         | 7         |         | 22.11  | 22.16  | 22.08   |            |          |
| 3                                                            | 15        | 0         |         | 22.09  | 22.05  | 22.00   |            |          |
| 3                                                            | 1         | 0         | 64-QAM  | 22.12  | 22.10  | 22.05   | 21.68      | 0.1472   |
| 3                                                            | 1         | 8         |         | 22.16  | 22.33  | 22.13   |            |          |
| 3                                                            | 1         | 14        |         | 22.08  | 22.32  | 22.21   |            |          |
| 3                                                            | 8         | 0         |         | 20.97  | 21.13  | 20.99   |            |          |
| 3                                                            | 8         | 4         |         | 21.10  | 21.15  | 21.04   |            |          |
| 3                                                            | 8         | 7         |         | 21.05  | 21.14  | 21.07   |            |          |
| 3                                                            | 15        | 0         |         | 21.10  | 21.13  | 21.09   |            |          |
| 3                                                            | 1         | 0         | 256-QAM | 18.94  | 19.11  | 19.04   | 18.63      | 0.0729   |
| 3                                                            | 1         | 8         |         | 19.17  | 19.24  | 19.16   |            |          |
| 3                                                            | 1         | 14        |         | 19.24  | 19.28  | 19.28   |            |          |
| 3                                                            | 8         | 0         |         | 19.07  | 19.18  | 19.14   |            |          |
| 3                                                            | 8         | 4         |         | 19.10  | 19.26  | 19.15   |            |          |
| 3                                                            | 8         | 7         |         | 19.17  | 19.23  | 19.17   |            |          |
| 3                                                            | 15        | 0         |         | 19.13  | 19.15  | 19.15   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                          | 1         | 0         | QPSK    | 23.99  | 24.06  | 24.00   | 23.41      | 0.2193   |
| 1.4                                                          | 1         | 3         |         | 24.04  | 23.94  | 23.97   |            |          |
| 1.4                                                          | 1         | 5         |         | 23.95  | 23.98  | 23.91   |            |          |
| 1.4                                                          | 3         | 0         |         | 23.90  | 24.06  | 23.91   |            |          |
| 1.4                                                          | 3         | 1         |         | 24.03  | 23.91  | 23.87   |            |          |
| 1.4                                                          | 3         | 3         |         | 23.85  | 23.91  | 23.83   |            |          |
| 1.4                                                          | 6         | 0         |         | 23.03  | 23.10  | 23.01   |            |          |
| 1.4                                                          | 1         | 0         | 16-QAM  | 23.14  | 23.22  | 23.01   | 22.69      | 0.1858   |
| 1.4                                                          | 1         | 3         |         | 23.11  | 23.14  | 23.10   |            |          |
| 1.4                                                          | 1         | 5         |         | 23.11  | 23.04  | 23.01   |            |          |
| 1.4                                                          | 3         | 0         |         | 23.30  | 23.18  | 23.31   |            |          |
| 1.4                                                          | 3         | 1         |         | 23.32  | 23.24  | 23.30   |            |          |
| 1.4                                                          | 3         | 3         |         | 23.34  | 23.31  | 23.29   |            |          |
| 1.4                                                          | 6         | 0         |         | 22.02  | 22.10  | 21.98   |            |          |
| 1.4                                                          | 1         | 0         | 64-QAM  | 22.08  | 22.10  | 22.06   | 21.65      | 0.1462   |
| 1.4                                                          | 1         | 3         |         | 22.08  | 22.19  | 22.14   |            |          |
| 1.4                                                          | 1         | 5         |         | 22.01  | 22.14  | 21.98   |            |          |
| 1.4                                                          | 3         | 0         |         | 22.10  | 22.08  | 22.08   |            |          |
| 1.4                                                          | 3         | 1         |         | 22.16  | 22.30  | 22.10   |            |          |
| 1.4                                                          | 3         | 3         |         | 22.08  | 22.26  | 22.24   |            |          |
| 1.4                                                          | 6         | 0         |         | 21.03  | 21.07  | 21.07   |            |          |
| 1.4                                                          | 1         | 0         | 256-QAM | 18.94  | 19.15  | 19.04   | 18.63      | 0.0729   |
| 1.4                                                          | 1         | 3         |         | 19.13  | 19.21  | 19.20   |            |          |
| 1.4                                                          | 1         | 5         |         | 19.26  | 19.25  | 19.28   |            |          |
| 1.4                                                          | 3         | 0         |         | 19.03  | 19.10  | 19.08   |            |          |
| 1.4                                                          | 3         | 1         |         | 19.07  | 19.23  | 19.07   |            |          |
| 1.4                                                          | 3         | 3         |         | 19.09  | 19.28  | 19.17   |            |          |
| 1.4                                                          | 6         | 0         |         | 19.13  | 19.15  | 19.18   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.32 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                          | 1         | 0         | QPSK    | 23.90  | 23.88  | 24.17   | 23.85      | 0.2427   |
| 20                                                          | 1         | 49        |         | 23.80  | 23.92  | 24.03   |            |          |
| 20                                                          | 1         | 99        |         | 23.95  | 24.06  | 24.14   |            |          |
| 20                                                          | 50        | 0         |         | 22.81  | 22.99  | 23.05   |            |          |
| 20                                                          | 50        | 24        |         | 22.96  | 23.01  | 23.05   |            |          |
| 20                                                          | 50        | 50        |         | 22.91  | 23.05  | 23.16   |            |          |
| 20                                                          | 100       | 0         |         | 22.91  | 23.03  | 23.17   |            |          |
| 20                                                          | 1         | 0         | 16-QAM  | 23.01  | 23.19  | 23.31   | 23.19      | 0.2084   |
| 20                                                          | 1         | 49        |         | 23.17  | 23.35  | 23.38   |            |          |
| 20                                                          | 1         | 99        |         | 23.16  | 23.39  | 23.51   |            |          |
| 20                                                          | 50        | 0         |         | 21.88  | 22.01  | 22.04   |            |          |
| 20                                                          | 50        | 24        |         | 21.95  | 22.01  | 22.10   |            |          |
| 20                                                          | 50        | 50        |         | 22.01  | 22.09  | 22.17   |            |          |
| 20                                                          | 100       | 0         |         | 21.91  | 22.01  | 22.13   |            |          |
| 20                                                          | 1         | 0         | 64-QAM  | 22.01  | 22.17  | 22.19   | 22.06      | 0.1607   |
| 20                                                          | 1         | 49        |         | 22.07  | 22.25  | 22.21   |            |          |
| 20                                                          | 1         | 99        |         | 22.15  | 22.25  | 22.38   |            |          |
| 20                                                          | 50        | 0         |         | 20.87  | 21.00  | 21.07   |            |          |
| 20                                                          | 50        | 24        |         | 20.96  | 21.60  | 21.09   |            |          |
| 20                                                          | 50        | 50        |         | 20.94  | 21.10  | 21.16   |            |          |
| 20                                                          | 100       | 0         |         | 20.97  | 21.02  | 21.14   |            |          |
| 20                                                          | 1         | 0         | 256-QAM | 18.86  | 18.95  | 19.09   | 18.96      | 0.0787   |
| 20                                                          | 1         | 49        |         | 18.95  | 19.07  | 19.11   |            |          |
| 20                                                          | 1         | 99        |         | 19.11  | 19.20  | 19.28   |            |          |
| 20                                                          | 50        | 0         |         | 18.85  | 18.99  | 19.02   |            |          |
| 20                                                          | 50        | 24        |         | 18.97  | 18.99  | 19.11   |            |          |
| 20                                                          | 50        | 50        |         | 19.01  | 19.10  | 19.15   |            |          |
| 20                                                          | 100       | 0         |         | 18.89  | 19.02  | 19.15   |            |          |
| Limit                                                       | EIRP < 1W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.32 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                          | 1         | 0         | QPSK    | 23.75  | 23.68  | 24.03   | 23.71      | 0.2350   |
| 15                                                          | 1         | 37        |         | 23.60  | 23.78  | 23.89   |            |          |
| 15                                                          | 1         | 74        |         | 23.84  | 23.92  | 23.99   |            |          |
| 15                                                          | 36        | 0         |         | 22.71  | 22.80  | 22.90   |            |          |
| 15                                                          | 36        | 20        |         | 22.79  | 22.83  | 22.85   |            |          |
| 15                                                          | 36        | 39        |         | 22.71  | 22.87  | 23.04   |            |          |
| 15                                                          | 75        | 0         |         | 22.77  | 22.85  | 22.97   |            |          |
| 15                                                          | 1         | 0         | 16-QAM  | 22.89  | 23.01  | 23.18   | 23.03      | 0.2009   |
| 15                                                          | 1         | 37        |         | 23.04  | 23.16  | 23.19   |            |          |
| 15                                                          | 1         | 74        |         | 23.01  | 23.22  | 23.35   |            |          |
| 15                                                          | 36        | 0         |         | 21.75  | 21.91  | 21.92   |            |          |
| 15                                                          | 36        | 20        |         | 21.85  | 21.84  | 21.95   |            |          |
| 15                                                          | 36        | 39        |         | 21.89  | 21.96  | 22.00   |            |          |
| 15                                                          | 75        | 0         |         | 21.71  | 21.82  | 22.01   |            |          |
| 15                                                          | 1         | 0         | 64-QAM  | 21.89  | 22.05  | 22.07   | 21.88      | 0.1542   |
| 15                                                          | 1         | 37        |         | 21.89  | 22.11  | 22.01   |            |          |
| 15                                                          | 1         | 74        |         | 22.03  | 22.12  | 22.20   |            |          |
| 15                                                          | 36        | 0         |         | 20.72  | 20.89  | 20.92   |            |          |
| 15                                                          | 36        | 20        |         | 20.84  | 21.02  | 20.93   |            |          |
| 15                                                          | 36        | 39        |         | 20.83  | 20.98  | 20.97   |            |          |
| 15                                                          | 75        | 0         |         | 20.80  | 20.83  | 21.00   |            |          |
| 15                                                          | 1         | 0         | 256-QAM | 18.75  | 18.81  | 18.99   | 18.85      | 0.0767   |
| 15                                                          | 1         | 37        |         | 18.78  | 18.97  | 19.01   |            |          |
| 15                                                          | 1         | 74        |         | 18.91  | 19.01  | 19.17   |            |          |
| 15                                                          | 36        | 0         |         | 18.75  | 18.83  | 18.82   |            |          |
| 15                                                          | 36        | 20        |         | 18.85  | 18.84  | 18.97   |            |          |
| 15                                                          | 36        | 39        |         | 18.89  | 18.97  | 18.98   |            |          |
| 15                                                          | 75        | 0         |         | 18.71  | 18.82  | 18.96   |            |          |
| Limit                                                       | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.32 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                          | 1         | 0         | QPSK    | 23.75  | 23.73  | 24.07   | 23.75      | 0.2371   |
| 10                                                          | 1         | 25        |         | 23.61  | 23.75  | 23.88   |            |          |
| 10                                                          | 1         | 49        |         | 23.82  | 23.93  | 23.97   |            |          |
| 10                                                          | 25        | 0         |         | 22.63  | 22.81  | 22.89   |            |          |
| 10                                                          | 25        | 12        |         | 22.80  | 22.86  | 22.94   |            |          |
| 10                                                          | 25        | 25        |         | 22.77  | 22.87  | 22.98   |            |          |
| 10                                                          | 50        | 0         |         | 22.79  | 22.91  | 22.98   |            |          |
| 10                                                          | 1         | 0         | 16-QAM  | 22.87  | 22.99  | 23.19   | 23.06      | 0.2023   |
| 10                                                          | 1         | 25        |         | 23.03  | 23.21  | 23.25   |            |          |
| 10                                                          | 1         | 49        |         | 22.98  | 23.24  | 23.38   |            |          |
| 10                                                          | 25        | 0         |         | 21.77  | 21.86  | 21.87   |            |          |
| 10                                                          | 25        | 12        |         | 21.76  | 21.81  | 21.96   |            |          |
| 10                                                          | 25        | 25        |         | 21.82  | 21.98  | 22.02   |            |          |
| 10                                                          | 50        | 0         |         | 21.72  | 21.84  | 21.97   |            |          |
| 10                                                          | 1         | 0         | 64-QAM  | 21.83  | 21.98  | 22.02   | 21.89      | 0.1545   |
| 10                                                          | 1         | 25        |         | 21.88  | 22.08  | 22.09   |            |          |
| 10                                                          | 1         | 49        |         | 21.99  | 22.06  | 22.21   |            |          |
| 10                                                          | 25        | 0         |         | 20.72  | 20.85  | 20.90   |            |          |
| 10                                                          | 25        | 12        |         | 20.85  | 21.48  | 20.99   |            |          |
| 10                                                          | 25        | 25        |         | 20.78  | 20.92  | 21.04   |            |          |
| 10                                                          | 50        | 0         |         | 20.79  | 20.87  | 21.00   |            |          |
| 10                                                          | 1         | 0         | 256-QAM | 18.75  | 18.76  | 18.94   | 18.78      | 0.0755   |
| 10                                                          | 1         | 25        |         | 18.76  | 18.90  | 18.91   |            |          |
| 10                                                          | 1         | 49        |         | 18.99  | 19.02  | 19.10   |            |          |
| 10                                                          | 25        | 0         |         | 18.65  | 18.87  | 18.85   |            |          |
| 10                                                          | 25        | 12        |         | 18.81  | 18.86  | 19.01   |            |          |
| 10                                                          | 25        | 25        |         | 18.83  | 18.91  | 19.03   |            |          |
| 10                                                          | 50        | 0         |         | 18.73  | 18.86  | 18.97   |            |          |
| Limit                                                       | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.32 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                           | 1         | 0         | QPSK    | 23.71  | 23.77  | 24.04   | 23.72      | 0.2355   |
| 5                                                           | 1         | 12        |         | 23.63  | 23.79  | 23.91   |            |          |
| 5                                                           | 1         | 24        |         | 23.78  | 23.91  | 23.95   |            |          |
| 5                                                           | 12        | 0         |         | 22.68  | 22.89  | 22.89   |            |          |
| 5                                                           | 12        | 7         |         | 22.76  | 22.86  | 22.90   |            |          |
| 5                                                           | 12        | 13        |         | 22.72  | 22.89  | 22.96   |            |          |
| 5                                                           | 25        | 0         |         | 22.73  | 22.88  | 23.03   |            |          |
| 5                                                           | 1         | 0         | 16-QAM  | 22.82  | 23.05  | 23.13   | 23.08      | 0.2032   |
| 5                                                           | 1         | 12        |         | 23.00  | 23.24  | 23.28   |            |          |
| 5                                                           | 1         | 24        |         | 23.03  | 23.29  | 23.40   |            |          |
| 5                                                           | 12        | 0         |         | 21.73  | 21.86  | 21.94   |            |          |
| 5                                                           | 12        | 7         |         | 21.84  | 21.88  | 21.90   |            |          |
| 5                                                           | 12        | 13        |         | 21.90  | 21.90  | 21.97   |            |          |
| 5                                                           | 25        | 0         |         | 21.71  | 21.84  | 21.96   |            |          |
| 5                                                           | 1         | 0         | 64-QAM  | 21.86  | 22.01  | 22.03   | 21.88      | 0.1542   |
| 5                                                           | 1         | 12        |         | 21.94  | 22.11  | 22.03   |            |          |
| 5                                                           | 1         | 24        |         | 22.03  | 22.08  | 22.20   |            |          |
| 5                                                           | 12        | 0         |         | 20.67  | 20.82  | 20.88   |            |          |
| 5                                                           | 12        | 7         |         | 20.78  | 21.25  | 20.98   |            |          |
| 5                                                           | 12        | 13        |         | 20.82  | 21.00  | 21.06   |            |          |
| 5                                                           | 25        | 0         |         | 20.87  | 20.86  | 21.02   |            |          |
| 5                                                           | 1         | 0         | 256-QAM | 18.69  | 18.80  | 18.94   | 18.80      | 0.0759   |
| 5                                                           | 1         | 12        |         | 18.78  | 18.94  | 18.95   |            |          |
| 5                                                           | 1         | 24        |         | 18.92  | 19.03  | 19.12   |            |          |
| 5                                                           | 12        | 0         |         | 18.65  | 18.79  | 18.84   |            |          |
| 5                                                           | 12        | 7         |         | 18.78  | 18.82  | 18.96   |            |          |
| 5                                                           | 12        | 13        |         | 18.90  | 18.97  | 18.98   |            |          |
| 5                                                           | 25        | 0         |         | 18.78  | 18.82  | 18.95   |            |          |
| Limit                                                       | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.32 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                           | 1         | 0         | QPSK    | 23.71  | 23.68  | 24.04   | 23.72      | 0.2355   |
| 3                                                           | 1         | 8         |         | 23.61  | 23.73  | 23.92   |            |          |
| 3                                                           | 1         | 14        |         | 23.82  | 23.95  | 23.94   |            |          |
| 3                                                           | 8         | 0         |         | 22.69  | 22.88  | 22.92   |            |          |
| 3                                                           | 8         | 4         |         | 22.77  | 22.86  | 22.91   |            |          |
| 3                                                           | 8         | 7         |         | 22.81  | 22.85  | 22.96   |            |          |
| 3                                                           | 15        | 0         |         | 22.74  | 22.89  | 22.97   |            |          |
| 3                                                           | 1         | 0         | 16-QAM  | 22.83  | 22.99  | 23.16   | 23.00      | 0.1995   |
| 3                                                           | 1         | 8         |         | 23.04  | 23.16  | 23.27   |            |          |
| 3                                                           | 1         | 14        |         | 23.04  | 23.29  | 23.32   |            |          |
| 3                                                           | 8         | 0         |         | 21.68  | 21.91  | 21.85   |            |          |
| 3                                                           | 8         | 4         |         | 21.79  | 21.87  | 21.93   |            |          |
| 3                                                           | 8         | 7         |         | 21.83  | 21.96  | 22.07   |            |          |
| 3                                                           | 15        | 0         |         | 21.77  | 21.85  | 21.98   |            |          |
| 3                                                           | 1         | 0         | 64-QAM  | 21.84  | 22.05  | 22.04   | 21.96      | 0.1570   |
| 3                                                           | 1         | 8         |         | 21.92  | 22.14  | 22.06   |            |          |
| 3                                                           | 1         | 14        |         | 21.96  | 22.08  | 22.28   |            |          |
| 3                                                           | 8         | 0         |         | 20.73  | 20.88  | 20.95   |            |          |
| 3                                                           | 8         | 4         |         | 20.81  | 21.13  | 20.94   |            |          |
| 3                                                           | 8         | 7         |         | 20.82  | 21.00  | 21.01   |            |          |
| 3                                                           | 15        | 0         |         | 20.84  | 20.82  | 20.95   |            |          |
| 3                                                           | 1         | 0         | 256-QAM | 18.73  | 18.82  | 18.93   | 18.76      | 0.0752   |
| 3                                                           | 1         | 8         |         | 18.76  | 18.94  | 18.98   |            |          |
| 3                                                           | 1         | 14        |         | 18.99  | 19.04  | 19.08   |            |          |
| 3                                                           | 8         | 0         |         | 18.73  | 18.80  | 18.84   |            |          |
| 3                                                           | 8         | 4         |         | 18.82  | 18.80  | 19.00   |            |          |
| 3                                                           | 8         | 7         |         | 18.84  | 18.92  | 19.02   |            |          |
| 3                                                           | 15        | 0         |         | 18.79  | 18.84  | 19.02   |            |          |
| Limit                                                       | EIRP < 1W |           |         | Result |        |         | Pass       |          |



| LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.32 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                         | 1         | 0         | QPSK    | 23.72  | 23.73  | 24.05   | 23.73      | 0.2360   |
| 1.4                                                         | 1         | 3         |         | 23.61  | 23.77  | 23.92   |            |          |
| 1.4                                                         | 1         | 5         |         | 23.77  | 23.94  | 23.94   |            |          |
| 1.4                                                         | 3         | 0         |         | 23.52  | 23.54  | 23.87   |            |          |
| 1.4                                                         | 3         | 1         |         | 23.51  | 23.62  | 23.72   |            |          |
| 1.4                                                         | 3         | 3         |         | 23.57  | 23.76  | 23.75   |            |          |
| 1.4                                                         | 6         | 0         |         | 22.68  | 22.82  | 22.94   |            |          |
| 1.4                                                         | 1         | 0         | 16-QAM  | 22.79  | 22.82  | 22.92   | 23.08      | 0.2032   |
| 1.4                                                         | 1         | 3         |         | 22.72  | 22.91  | 23.02   |            |          |
| 1.4                                                         | 1         | 5         |         | 22.79  | 22.90  | 23.07   |            |          |
| 1.4                                                         | 3         | 0         |         | 22.86  | 23.09  | 23.14   |            |          |
| 1.4                                                         | 3         | 1         |         | 22.97  | 23.16  | 23.19   |            |          |
| 1.4                                                         | 3         | 3         |         | 22.98  | 23.19  | 23.40   |            |          |
| 1.4                                                         | 6         | 0         |         | 21.69  | 21.91  | 21.89   |            |          |
| 1.4                                                         | 1         | 0         | 64-QAM  | 21.81  | 21.88  | 21.99   | 21.93      | 0.1560   |
| 1.4                                                         | 1         | 3         |         | 21.87  | 21.95  | 22.06   |            |          |
| 1.4                                                         | 1         | 5         |         | 21.78  | 21.86  | 21.96   |            |          |
| 1.4                                                         | 3         | 0         |         | 21.82  | 22.06  | 22.09   |            |          |
| 1.4                                                         | 3         | 1         |         | 21.93  | 22.07  | 22.10   |            |          |
| 1.4                                                         | 3         | 3         |         | 21.95  | 22.05  | 22.25   |            |          |
| 1.4                                                         | 6         | 0         |         | 20.70  | 20.90  | 20.95   |            |          |
| 1.4                                                         | 1         | 0         | 256-QAM | 18.66  | 18.81  | 18.98   | 18.81      | 0.0760   |
| 1.4                                                         | 1         | 3         |         | 18.78  | 18.95  | 18.99   |            |          |
| 1.4                                                         | 1         | 5         |         | 18.94  | 19.08  | 19.13   |            |          |
| 1.4                                                         | 3         | 0         |         | 18.66  | 18.83  | 18.92   |            |          |
| 1.4                                                         | 3         | 1         |         | 18.82  | 18.84  | 18.94   |            |          |
| 1.4                                                         | 3         | 3         |         | 18.84  | 18.94  | 19.00   |            |          |
| 1.4                                                         | 6         | 0         |         | 18.69  | 18.92  | 19.02   |            |          |
| Limit                                                       | EIRP < 1W |           |         | Result |        |         | Pass       |          |





| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.02 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                          | 1        | 0         | QPSK    | 24.33  | 24.36  | 24.22   | 20.19     | 0.1045  |
| 10                                                          | 1        | 25        |         | 24.33  | 24.32  | 24.19   |           |         |
| 10                                                          | 1        | 49        |         | 24.31  | 24.17  | 24.04   |           |         |
| 10                                                          | 25       | 0         |         | 23.39  | 23.40  | 23.31   |           |         |
| 10                                                          | 25       | 12        |         | 23.43  | 23.34  | 23.24   |           |         |
| 10                                                          | 25       | 25        |         | 23.43  | 23.30  | 23.11   |           |         |
| 10                                                          | 50       | 0         |         | 23.45  | 23.35  | 23.26   |           |         |
| 10                                                          | 1        | 0         | 16-QAM  | 23.70  | 23.59  | 23.47   | 19.53     | 0.0897  |
| 10                                                          | 1        | 25        |         | 23.59  | 23.60  | 23.44   |           |         |
| 10                                                          | 1        | 49        |         | 23.58  | 23.50  | 23.30   |           |         |
| 10                                                          | 25       | 0         |         | 22.39  | 22.35  | 22.27   |           |         |
| 10                                                          | 25       | 12        |         | 22.46  | 22.38  | 22.24   |           |         |
| 10                                                          | 25       | 25        |         | 22.44  | 22.34  | 22.06   |           |         |
| 10                                                          | 50       | 0         |         | 22.41  | 22.37  | 22.25   |           |         |
| 10                                                          | 1        | 0         | 64-QAM  | 22.61  | 22.64  | 22.49   | 18.49     | 0.0706  |
| 10                                                          | 1        | 25        |         | 22.66  | 22.60  | 22.42   |           |         |
| 10                                                          | 1        | 49        |         | 22.50  | 22.44  | 22.22   |           |         |
| 10                                                          | 25       | 0         |         | 21.42  | 21.39  | 21.22   |           |         |
| 10                                                          | 25       | 12        |         | 21.48  | 21.35  | 21.23   |           |         |
| 10                                                          | 25       | 25        |         | 21.42  | 21.28  | 21.12   |           |         |
| 10                                                          | 50       | 0         |         | 21.43  | 21.35  | 21.23   |           |         |
| 10                                                          | 1        | 0         | 256-QAM | 19.45  | 19.49  | 19.45   | 15.47     | 0.0352  |
| 10                                                          | 1        | 25        |         | 19.60  | 19.64  | 19.33   |           |         |
| 10                                                          | 1        | 49        |         | 19.49  | 19.40  | 19.16   |           |         |
| 10                                                          | 25       | 0         |         | 19.46  | 19.45  | 19.32   |           |         |
| 10                                                          | 25       | 12        |         | 19.50  | 19.47  | 19.26   |           |         |
| 10                                                          | 25       | 25        |         | 19.48  | 19.41  | 19.16   |           |         |
| 10                                                          | 50       | 0         |         | 19.54  | 19.43  | 19.29   |           |         |
| Limit                                                       | ERP < 7W |           |         | Result |        |         | Pass      |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.02 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                           | 1        | 0         | QPSK    | 24.20  | 24.23  | 24.07   | 20.06     | 0.1014  |
| 5                                                           | 1        | 12        |         | 24.21  | 24.20  | 24.02   |           |         |
| 5                                                           | 1        | 24        |         | 24.16  | 24.05  | 23.88   |           |         |
| 5                                                           | 12       | 0         |         | 23.22  | 23.20  | 23.21   |           |         |
| 5                                                           | 12       | 7         |         | 23.31  | 23.24  | 23.13   |           |         |
| 5                                                           | 12       | 13        |         | 23.25  | 23.10  | 22.96   |           |         |
| 5                                                           | 25       | 0         |         | 23.31  | 23.21  | 23.06   |           |         |
| 5                                                           | 1        | 0         | 16-QAM  | 23.50  | 23.42  | 23.32   | 19.33     | 0.0857  |
| 5                                                           | 1        | 12        |         | 23.42  | 23.43  | 23.29   |           |         |
| 5                                                           | 1        | 24        |         | 23.41  | 23.35  | 23.18   |           |         |
| 5                                                           | 12       | 0         |         | 22.22  | 22.24  | 22.08   |           |         |
| 5                                                           | 12       | 7         |         | 22.36  | 22.20  | 22.04   |           |         |
| 5                                                           | 12       | 13        |         | 22.24  | 22.18  | 21.95   |           |         |
| 5                                                           | 25       | 0         |         | 22.23  | 22.25  | 22.10   |           |         |
| 5                                                           | 1        | 0         | 64-QAM  | 22.43  | 22.51  | 22.35   | 18.34     | 0.0682  |
| 5                                                           | 1        | 12        |         | 22.46  | 22.47  | 22.22   |           |         |
| 5                                                           | 1        | 24        |         | 22.38  | 22.31  | 22.11   |           |         |
| 5                                                           | 12       | 0         |         | 21.25  | 21.24  | 21.02   |           |         |
| 5                                                           | 12       | 7         |         | 21.32  | 21.17  | 21.12   |           |         |
| 5                                                           | 12       | 13        |         | 21.32  | 21.12  | 20.99   |           |         |
| 5                                                           | 25       | 0         |         | 21.30  | 21.25  | 21.12   |           |         |
| 5                                                           | 1        | 0         | 256-QAM | 19.30  | 19.32  | 19.25   | 15.31     | 0.0340  |
| 5                                                           | 1        | 12        |         | 19.42  | 19.48  | 19.19   |           |         |
| 5                                                           | 1        | 24        |         | 19.36  | 19.20  | 19.03   |           |         |
| 5                                                           | 12       | 0         |         | 19.34  | 19.30  | 19.14   |           |         |
| 5                                                           | 12       | 7         |         | 19.36  | 19.31  | 19.10   |           |         |
| 5                                                           | 12       | 13        |         | 19.34  | 19.29  | 18.97   |           |         |
| 5                                                           | 25       | 0         |         | 19.38  | 19.29  | 19.11   |           |         |
| Limit                                                       | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.02 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                           | 1        | 0         | QPSK    | 24.18  | 24.16  | 24.05   | 20.05     | 0.1012  |
| 3                                                           | 1        | 8         |         | 24.13  | 24.22  | 24.04   |           |         |
| 3                                                           | 1        | 14        |         | 24.16  | 24.06  | 23.85   |           |         |
| 3                                                           | 8        | 0         |         | 23.21  | 23.26  | 23.18   |           |         |
| 3                                                           | 8        | 4         |         | 23.33  | 23.19  | 23.12   |           |         |
| 3                                                           | 8        | 7         |         | 23.30  | 23.12  | 22.98   |           |         |
| 3                                                           | 15       | 0         |         | 23.30  | 23.20  | 23.16   |           |         |
| 3                                                           | 1        | 0         | 16-QAM  | 23.57  | 23.49  | 23.28   | 19.40     | 0.0871  |
| 3                                                           | 1        | 8         |         | 23.49  | 23.48  | 23.32   |           |         |
| 3                                                           | 1        | 14        |         | 23.44  | 23.35  | 23.14   |           |         |
| 3                                                           | 8        | 0         |         | 22.25  | 22.19  | 22.17   |           |         |
| 3                                                           | 8        | 4         |         | 22.28  | 22.28  | 22.09   |           |         |
| 3                                                           | 8        | 7         |         | 22.26  | 22.23  | 21.96   |           |         |
| 3                                                           | 15       | 0         |         | 22.25  | 22.17  | 22.12   |           |         |
| 3                                                           | 1        | 0         | 64-QAM  | 22.47  | 22.53  | 22.37   | 18.36     | 0.0685  |
| 3                                                           | 1        | 8         |         | 22.46  | 22.40  | 22.26   |           |         |
| 3                                                           | 1        | 14        |         | 22.32  | 22.27  | 22.09   |           |         |
| 3                                                           | 8        | 0         |         | 21.29  | 21.28  | 21.11   |           |         |
| 3                                                           | 8        | 4         |         | 21.37  | 21.21  | 21.09   |           |         |
| 3                                                           | 8        | 7         |         | 21.22  | 21.08  | 20.95   |           |         |
| 3                                                           | 15       | 0         |         | 21.32  | 21.19  | 21.07   |           |         |
| 3                                                           | 1        | 0         | 256-QAM | 19.27  | 19.30  | 19.25   | 15.28     | 0.0337  |
| 3                                                           | 1        | 8         |         | 19.41  | 19.45  | 19.22   |           |         |
| 3                                                           | 1        | 14        |         | 19.39  | 19.25  | 19.00   |           |         |
| 3                                                           | 8        | 0         |         | 19.27  | 19.27  | 19.15   |           |         |
| 3                                                           | 8        | 4         |         | 19.30  | 19.29  | 19.11   |           |         |
| 3                                                           | 8        | 7         |         | 19.36  | 19.22  | 19.04   |           |         |
| 3                                                           | 15       | 0         |         | 19.44  | 19.31  | 19.11   |           |         |
| Limit                                                       | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.02 dB) |          |           |         |        |        |         |           |         |
|-------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                    | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                         | 1        | 0         | QPSK    | 24.20  | 24.25  | 24.12   | 20.08     | 0.1019  |
| 1.4                                                         | 1        | 3         |         | 24.22  | 24.12  | 24.03   |           |         |
| 1.4                                                         | 1        | 5         |         | 24.12  | 24.02  | 23.94   |           |         |
| 1.4                                                         | 3        | 0         |         | 24.09  | 24.08  | 23.94   |           |         |
| 1.4                                                         | 3        | 1         |         | 24.02  | 23.99  | 23.87   |           |         |
| 1.4                                                         | 3        | 3         |         | 24.00  | 23.88  | 23.81   |           |         |
| 1.4                                                         | 6        | 0         |         | 23.29  | 23.25  | 23.18   |           |         |
| 1.4                                                         | 1        | 0         | 16-QAM  | 23.31  | 23.23  | 23.06   | 19.34     | 0.0859  |
| 1.4                                                         | 1        | 3         |         | 23.24  | 23.13  | 22.98   |           |         |
| 1.4                                                         | 1        | 5         |         | 23.26  | 23.21  | 23.09   |           |         |
| 1.4                                                         | 3        | 0         |         | 23.51  | 23.48  | 23.30   |           |         |
| 1.4                                                         | 3        | 1         |         | 23.47  | 23.49  | 23.32   |           |         |
| 1.4                                                         | 3        | 3         |         | 23.40  | 23.40  | 23.13   |           |         |
| 1.4                                                         | 6        | 0         |         | 22.27  | 22.16  | 22.17   |           |         |
| 1.4                                                         | 1        | 0         | 64-QAM  | 22.35  | 22.28  | 22.10   | 18.35     | 0.0684  |
| 1.4                                                         | 1        | 3         |         | 22.26  | 22.24  | 21.93   |           |         |
| 1.4                                                         | 1        | 5         |         | 22.24  | 22.23  | 22.11   |           |         |
| 1.4                                                         | 3        | 0         |         | 22.49  | 22.52  | 22.30   |           |         |
| 1.4                                                         | 3        | 1         |         | 22.52  | 22.49  | 22.32   |           |         |
| 1.4                                                         | 3        | 3         |         | 22.36  | 22.34  | 22.06   |           |         |
| 1.4                                                         | 6        | 0         |         | 21.26  | 21.27  | 21.07   |           |         |
| 1.4                                                         | 1        | 0         | 256-QAM | 19.35  | 19.31  | 19.32   | 15.33     | 0.0341  |
| 1.4                                                         | 1        | 3         |         | 19.43  | 19.50  | 19.19   |           |         |
| 1.4                                                         | 1        | 5         |         | 19.32  | 19.25  | 19.03   |           |         |
| 1.4                                                         | 3        | 0         |         | 19.27  | 19.29  | 19.19   |           |         |
| 1.4                                                         | 3        | 1         |         | 19.38  | 19.33  | 19.10   |           |         |
| 1.4                                                         | 3        | 3         |         | 19.36  | 19.25  | 19.01   |           |         |
| 1.4                                                         | 6        | 0         |         | 19.41  | 19.31  | 19.13   |           |         |
| Limit                                                       | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = -7.07 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                          | 1         | 0         | QPSK    | 23.61  | 23.51  | 23.30   | 16.54      | 0.0451   |
| 20                                                          | 1         | 49        |         | 23.58  | 23.48  | 23.25   |            |          |
| 20                                                          | 1         | 99        |         | 23.54  | 23.35  | 23.23   |            |          |
| 20                                                          | 50        | 0         |         | 22.71  | 22.49  | 22.40   |            |          |
| 20                                                          | 50        | 24        |         | 22.71  | 22.44  | 22.33   |            |          |
| 20                                                          | 50        | 50        |         | 22.62  | 22.42  | 22.25   |            |          |
| 20                                                          | 100       | 0         |         | 22.67  | 22.47  | 22.35   |            |          |
| 20                                                          | 1         | 0         | 16-QAM  | 22.90  | 22.79  | 22.74   | 15.83      | 0.0383   |
| 20                                                          | 1         | 49        |         | 22.90  | 22.77  | 22.49   |            |          |
| 20                                                          | 1         | 99        |         | 22.81  | 22.69  | 22.39   |            |          |
| 20                                                          | 50        | 0         |         | 21.72  | 21.47  | 21.35   |            |          |
| 20                                                          | 50        | 24        |         | 21.71  | 21.50  | 21.35   |            |          |
| 20                                                          | 50        | 50        |         | 21.62  | 21.45  | 21.23   |            |          |
| 20                                                          | 100       | 0         |         | 21.68  | 21.47  | 21.34   |            |          |
| 20                                                          | 1         | 0         | 64-QAM  | 21.83  | 21.73  | 21.58   | 14.83      | 0.0304   |
| 20                                                          | 1         | 49        |         | 21.90  | 21.75  | 21.48   |            |          |
| 20                                                          | 1         | 99        |         | 21.63  | 21.57  | 21.37   |            |          |
| 20                                                          | 50        | 0         |         | 20.68  | 20.49  | 20.33   |            |          |
| 20                                                          | 50        | 24        |         | 20.67  | 20.43  | 20.33   |            |          |
| 20                                                          | 50        | 50        |         | 20.63  | 20.41  | 20.26   |            |          |
| 20                                                          | 100       | 0         |         | 20.68  | 20.44  | 20.37   |            |          |
| 20                                                          | 1         | 0         | 256-QAM | 18.69  | 18.49  | 18.43   | 11.65      | 0.0146   |
| 20                                                          | 1         | 49        |         | 18.68  | 18.48  | 18.37   |            |          |
| 20                                                          | 1         | 99        |         | 18.67  | 18.41  | 18.22   |            |          |
| 20                                                          | 50        | 0         |         | 18.72  | 18.52  | 18.38   |            |          |
| 20                                                          | 50        | 24        |         | 18.71  | 18.49  | 18.40   |            |          |
| 20                                                          | 50        | 50        |         | 18.62  | 18.48  | 18.28   |            |          |
| 20                                                          | 100       | 0         |         | 18.68  | 18.47  | 18.34   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = -7.07 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                          | 1         | 0         | QPSK    | 23.48  | 23.40  | 23.40   | 16.41      | 0.0438   |
| 15                                                          | 1         | 37        |         | 23.43  | 23.28  | 23.42   |            |          |
| 15                                                          | 1         | 74        |         | 23.37  | 23.40  | 23.34   |            |          |
| 15                                                          | 36        | 0         |         | 22.53  | 22.35  | 22.55   |            |          |
| 15                                                          | 36        | 20        |         | 22.56  | 22.30  | 22.47   |            |          |
| 15                                                          | 36        | 39        |         | 22.42  | 22.29  | 22.45   |            |          |
| 15                                                          | 75        | 0         |         | 22.57  | 22.28  | 22.46   |            |          |
| 15                                                          | 1         | 0         | 16-QAM  | 22.76  | 22.65  | 22.84   | 15.77      | 0.0378   |
| 15                                                          | 1         | 37        |         | 22.74  | 22.64  | 22.63   |            |          |
| 15                                                          | 1         | 74        |         | 22.64  | 22.58  | 22.50   |            |          |
| 15                                                          | 36        | 0         |         | 21.57  | 21.33  | 21.46   |            |          |
| 15                                                          | 36        | 20        |         | 21.58  | 21.33  | 21.53   |            |          |
| 15                                                          | 36        | 39        |         | 21.43  | 21.27  | 21.36   |            |          |
| 15                                                          | 75        | 0         |         | 21.48  | 21.27  | 21.52   |            |          |
| 15                                                          | 1         | 0         | 64-QAM  | 21.63  | 21.60  | 21.74   | 14.67      | 0.0293   |
| 15                                                          | 1         | 37        |         | 21.72  | 21.57  | 21.66   |            |          |
| 15                                                          | 1         | 74        |         | 21.51  | 21.41  | 21.49   |            |          |
| 15                                                          | 36        | 0         |         | 20.56  | 20.33  | 20.43   |            |          |
| 15                                                          | 36        | 20        |         | 20.56  | 20.27  | 20.46   |            |          |
| 15                                                          | 36        | 39        |         | 20.44  | 20.23  | 20.44   |            |          |
| 15                                                          | 75        | 0         |         | 20.57  | 20.24  | 20.56   |            |          |
| 15                                                          | 1         | 0         | 256-QAM | 18.50  | 18.37  | 18.55   | 11.51      | 0.0142   |
| 15                                                          | 1         | 37        |         | 18.58  | 18.33  | 18.49   |            |          |
| 15                                                          | 1         | 74        |         | 18.57  | 18.28  | 18.36   |            |          |
| 15                                                          | 36        | 0         |         | 18.56  | 18.41  | 18.51   |            |          |
| 15                                                          | 36        | 20        |         | 18.56  | 18.34  | 18.57   |            |          |
| 15                                                          | 36        | 39        |         | 18.51  | 18.35  | 18.46   |            |          |
| 15                                                          | 75        | 0         |         | 18.51  | 18.37  | 18.49   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 7 Maximum Average Power [dBm] (GT - LC = -7.07 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                          | 1         | 0         | QPSK    | 23.44  | 23.41  | 23.45   | 16.38      | 0.0435   |
| 10                                                          | 1         | 25        |         | 23.42  | 23.35  | 23.37   |            |          |
| 10                                                          | 1         | 49        |         | 23.41  | 23.30  | 23.38   |            |          |
| 10                                                          | 25        | 0         |         | 22.55  | 22.29  | 22.52   |            |          |
| 10                                                          | 25        | 12        |         | 22.55  | 22.29  | 22.51   |            |          |
| 10                                                          | 25        | 25        |         | 22.45  | 22.30  | 22.43   |            |          |
| 10                                                          | 50        | 0         |         | 22.54  | 22.29  | 22.53   |            |          |
| 10                                                          | 1         | 0         | 16-QAM  | 22.80  | 22.68  | 22.85   | 15.78      | 0.0378   |
| 10                                                          | 1         | 25        |         | 22.73  | 22.67  | 22.59   |            |          |
| 10                                                          | 1         | 49        |         | 22.68  | 22.55  | 22.52   |            |          |
| 10                                                          | 25        | 0         |         | 21.62  | 21.28  | 21.54   |            |          |
| 10                                                          | 25        | 12        |         | 21.55  | 21.37  | 21.46   |            |          |
| 10                                                          | 25        | 25        |         | 21.47  | 21.31  | 21.35   |            |          |
| 10                                                          | 50        | 0         |         | 21.56  | 21.34  | 21.51   |            |          |
| 10                                                          | 1         | 0         | 64-QAM  | 21.65  | 21.59  | 21.71   | 14.71      | 0.0296   |
| 10                                                          | 1         | 25        |         | 21.78  | 21.60  | 21.66   |            |          |
| 10                                                          | 1         | 49        |         | 21.43  | 21.41  | 21.55   |            |          |
| 10                                                          | 25        | 0         |         | 20.51  | 20.38  | 20.52   |            |          |
| 10                                                          | 25        | 12        |         | 20.53  | 20.24  | 20.48   |            |          |
| 10                                                          | 25        | 25        |         | 20.48  | 20.24  | 20.46   |            |          |
| 10                                                          | 50        | 0         |         | 20.57  | 20.29  | 20.54   |            |          |
| 10                                                          | 1         | 0         | 256-QAM | 18.52  | 18.33  | 18.54   | 11.54      | 0.0143   |
| 10                                                          | 1         | 25        |         | 18.53  | 18.34  | 18.54   |            |          |
| 10                                                          | 1         | 49        |         | 18.54  | 18.26  | 18.39   |            |          |
| 10                                                          | 25        | 0         |         | 18.56  | 18.33  | 18.57   |            |          |
| 10                                                          | 25        | 12        |         | 18.61  | 18.29  | 18.56   |            |          |
| 10                                                          | 25        | 25        |         | 18.50  | 18.30  | 18.43   |            |          |
| 10                                                          | 50        | 0         |         | 18.58  | 18.29  | 18.47   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 7 Maximum Average Power [dBm] (GT - LC = -7.07 dB) |           |           |         |        |        |         |            |          |
|-------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                    | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                           | 1         | 0         | QPSK    | 23.41  | 23.38  | 23.41   | 16.36      | 0.0433   |
| 5                                                           | 1         | 12        |         | 23.38  | 23.35  | 23.41   |            |          |
| 5                                                           | 1         | 24        |         | 23.34  | 23.21  | 23.43   |            |          |
| 5                                                           | 12        | 0         |         | 22.53  | 22.32  | 22.53   |            |          |
| 5                                                           | 12        | 7         |         | 22.51  | 22.28  | 22.51   |            |          |
| 5                                                           | 12        | 13        |         | 22.49  | 22.29  | 22.36   |            |          |
| 5                                                           | 25        | 0         |         | 22.55  | 22.34  | 22.55   |            |          |
| 5                                                           | 1         | 0         | 16-QAM  | 22.70  | 22.66  | 22.94   | 15.87      | 0.0386   |
| 5                                                           | 1         | 12        |         | 22.71  | 22.65  | 22.59   |            |          |
| 5                                                           | 1         | 24        |         | 22.64  | 22.54  | 22.58   |            |          |
| 5                                                           | 12        | 0         |         | 21.59  | 21.29  | 21.45   |            |          |
| 5                                                           | 12        | 7         |         | 21.60  | 21.35  | 21.50   |            |          |
| 5                                                           | 12        | 13        |         | 21.52  | 21.28  | 21.37   |            |          |
| 5                                                           | 25        | 0         |         | 21.55  | 21.29  | 21.52   |            |          |
| 5                                                           | 1         | 0         | 64-QAM  | 21.72  | 21.58  | 21.73   | 14.66      | 0.0292   |
| 5                                                           | 1         | 12        |         | 21.70  | 21.57  | 21.61   |            |          |
| 5                                                           | 1         | 24        |         | 21.50  | 21.42  | 21.48   |            |          |
| 5                                                           | 12        | 0         |         | 20.49  | 20.34  | 20.51   |            |          |
| 5                                                           | 12        | 7         |         | 20.53  | 20.27  | 20.49   |            |          |
| 5                                                           | 12        | 13        |         | 20.53  | 20.28  | 20.37   |            |          |
| 5                                                           | 25        | 0         |         | 20.53  | 20.27  | 20.50   |            |          |
| 5                                                           | 1         | 0         | 256-QAM | 18.59  | 18.34  | 18.55   | 11.53      | 0.0142   |
| 5                                                           | 1         | 12        |         | 18.53  | 18.30  | 18.56   |            |          |
| 5                                                           | 1         | 24        |         | 18.52  | 18.30  | 18.33   |            |          |
| 5                                                           | 12        | 0         |         | 18.59  | 18.41  | 18.52   |            |          |
| 5                                                           | 12        | 7         |         | 18.60  | 18.33  | 18.52   |            |          |
| 5                                                           | 12        | 13        |         | 18.47  | 18.33  | 18.47   |            |          |
| 5                                                           | 25        | 0         |         | 18.58  | 18.30  | 18.50   |            |          |
| Limit                                                       | EIRP < 2W |           |         | Result |        |         | Pass       |          |





# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.04 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK    | 23.80  | 23.88  | 23.85   | 20.69     | 0.1172  |
| 10                                                           | 1        | 25        |         | 23.82  | 23.86  | 23.80   |           |         |
| 10                                                           | 1        | 49        |         | 23.74  | 23.66  | 23.57   |           |         |
| 10                                                           | 25       | 0         |         | 22.85  | 22.91  | 22.90   |           |         |
| 10                                                           | 25       | 12        |         | 22.90  | 22.86  | 22.84   |           |         |
| 10                                                           | 25       | 25        |         | 22.86  | 22.81  | 22.70   |           |         |
| 10                                                           | 50       | 0         |         | 22.90  | 22.83  | 22.84   |           |         |
| 10                                                           | 1        | 0         | 16-QAM  | 23.10  | 23.13  | 23.03   | 19.94     | 0.0986  |
| 10                                                           | 1        | 25        |         | 23.12  | 23.08  | 23.01   |           |         |
| 10                                                           | 1        | 49        |         | 23.06  | 22.92  | 22.87   |           |         |
| 10                                                           | 25       | 0         |         | 21.86  | 21.85  | 21.92   |           |         |
| 10                                                           | 25       | 12        |         | 21.91  | 21.88  | 21.89   |           |         |
| 10                                                           | 25       | 25        |         | 21.88  | 21.81  | 21.72   |           |         |
| 10                                                           | 50       | 0         |         | 21.91  | 21.80  | 21.83   |           |         |
| 10                                                           | 1        | 0         | 64-QAM  | 22.17  | 22.02  | 22.19   | 19.00     | 0.0794  |
| 10                                                           | 1        | 25        |         | 22.09  | 22.12  | 21.95   |           |         |
| 10                                                           | 1        | 49        |         | 22.04  | 21.87  | 21.89   |           |         |
| 10                                                           | 25       | 0         |         | 20.85  | 20.85  | 20.90   |           |         |
| 10                                                           | 25       | 12        |         | 20.94  | 20.87  | 20.91   |           |         |
| 10                                                           | 25       | 25        |         | 20.87  | 20.81  | 20.69   |           |         |
| 10                                                           | 50       | 0         |         | 20.88  | 20.86  | 20.88   |           |         |
| 10                                                           | 1        | 0         | 256-QAM | 19.29  | 18.91  | 19.00   | 16.10     | 0.0407  |
| 10                                                           | 1        | 25        |         | 19.01  | 19.05  | 18.97   |           |         |
| 10                                                           | 1        | 49        |         | 18.97  | 18.85  | 18.80   |           |         |
| 10                                                           | 25       | 0         |         | 19.02  | 18.86  | 18.94   |           |         |
| 10                                                           | 25       | 12        |         | 18.91  | 18.95  | 18.91   |           |         |
| 10                                                           | 25       | 25        |         | 18.92  | 18.84  | 18.79   |           |         |
| 10                                                           | 50       | 0         |         | 18.93  | 18.92  | 18.89   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.04 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK    | 23.68  | 23.77  | 23.75   | 20.58     | 0.1143  |
| 5                                                            | 1        | 12        |         | 23.63  | 23.72  | 23.63   |           |         |
| 5                                                            | 1        | 24        |         | 23.55  | 23.55  | 23.38   |           |         |
| 5                                                            | 12       | 0         |         | 22.75  | 22.78  | 22.74   |           |         |
| 5                                                            | 12       | 7         |         | 22.70  | 22.67  | 22.74   |           |         |
| 5                                                            | 12       | 13        |         | 22.68  | 22.70  | 22.59   |           |         |
| 5                                                            | 25       | 0         |         | 22.74  | 22.65  | 22.64   |           |         |
| 5                                                            | 1        | 0         | 16-QAM  | 22.91  | 22.98  | 22.87   | 19.79     | 0.0953  |
| 5                                                            | 1        | 12        |         | 22.92  | 22.93  | 22.82   |           |         |
| 5                                                            | 1        | 24        |         | 22.94  | 22.82  | 22.77   |           |         |
| 5                                                            | 12       | 0         |         | 21.76  | 21.75  | 21.80   |           |         |
| 5                                                            | 12       | 7         |         | 21.73  | 21.73  | 21.69   |           |         |
| 5                                                            | 12       | 13        |         | 21.69  | 21.67  | 21.53   |           |         |
| 5                                                            | 25       | 0         |         | 21.75  | 21.61  | 21.71   |           |         |
| 5                                                            | 1        | 0         | 64-QAM  | 22.06  | 21.85  | 22.06   | 18.87     | 0.0771  |
| 5                                                            | 1        | 12        |         | 21.98  | 21.95  | 21.76   |           |         |
| 5                                                            | 1        | 24        |         | 21.86  | 21.77  | 21.73   |           |         |
| 5                                                            | 12       | 0         |         | 20.65  | 20.73  | 20.72   |           |         |
| 5                                                            | 12       | 7         |         | 20.74  | 20.72  | 20.76   |           |         |
| 5                                                            | 12       | 13        |         | 20.68  | 20.65  | 20.59   |           |         |
| 5                                                            | 25       | 0         |         | 20.71  | 20.76  | 20.68   |           |         |
| 5                                                            | 1        | 0         | 256-QAM | 19.13  | 18.74  | 18.80   | 15.94     | 0.0393  |
| 5                                                            | 1        | 12        |         | 18.90  | 18.93  | 18.84   |           |         |
| 5                                                            | 1        | 24        |         | 18.80  | 18.66  | 18.69   |           |         |
| 5                                                            | 12       | 0         |         | 18.92  | 18.73  | 18.82   |           |         |
| 5                                                            | 12       | 7         |         | 18.81  | 18.81  | 18.78   |           |         |
| 5                                                            | 12       | 13        |         | 18.74  | 18.72  | 18.61   |           |         |
| 5                                                            | 25       | 0         |         | 18.77  | 18.76  | 18.76   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.04 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                            | 1        | 0         | QPSK    | 23.67  | 23.75  | 23.68   | 20.56     | 0.1138  |
| 3                                                            | 1        | 8         |         | 23.71  | 23.73  | 23.60   |           |         |
| 3                                                            | 1        | 14        |         | 23.54  | 23.48  | 23.43   |           |         |
| 3                                                            | 8        | 0         |         | 22.71  | 22.73  | 22.71   |           |         |
| 3                                                            | 8        | 4         |         | 22.79  | 22.69  | 22.65   |           |         |
| 3                                                            | 8        | 7         |         | 22.75  | 22.65  | 22.50   |           |         |
| 3                                                            | 15       | 0         |         | 22.77  | 22.72  | 22.67   |           |         |
| 3                                                            | 1        | 0         | 16-QAM  | 22.99  | 23.01  | 22.86   | 19.82     | 0.0959  |
| 3                                                            | 1        | 8         |         | 22.96  | 22.96  | 22.89   |           |         |
| 3                                                            | 1        | 14        |         | 22.89  | 22.73  | 22.67   |           |         |
| 3                                                            | 8        | 0         |         | 21.71  | 21.66  | 21.75   |           |         |
| 3                                                            | 8        | 4         |         | 21.80  | 21.68  | 21.78   |           |         |
| 3                                                            | 8        | 7         |         | 21.73  | 21.69  | 21.57   |           |         |
| 3                                                            | 15       | 0         |         | 21.75  | 21.67  | 21.73   |           |         |
| 3                                                            | 1        | 0         | 64-QAM  | 21.98  | 21.84  | 22.03   | 18.84     | 0.0766  |
| 3                                                            | 1        | 8         |         | 21.98  | 22.01  | 21.75   |           |         |
| 3                                                            | 1        | 14        |         | 21.94  | 21.73  | 21.70   |           |         |
| 3                                                            | 8        | 0         |         | 20.73  | 20.68  | 20.78   |           |         |
| 3                                                            | 8        | 4         |         | 20.80  | 20.76  | 20.71   |           |         |
| 3                                                            | 8        | 7         |         | 20.77  | 20.61  | 20.59   |           |         |
| 3                                                            | 15       | 0         |         | 20.72  | 20.71  | 20.74   |           |         |
| 3                                                            | 1        | 0         | 256-QAM | 19.18  | 18.76  | 18.84   | 15.99     | 0.0397  |
| 3                                                            | 1        | 8         |         | 18.85  | 18.88  | 18.87   |           |         |
| 3                                                            | 1        | 14        |         | 18.87  | 18.73  | 18.68   |           |         |
| 3                                                            | 8        | 0         |         | 18.89  | 18.68  | 18.78   |           |         |
| 3                                                            | 8        | 4         |         | 18.77  | 18.84  | 18.81   |           |         |
| 3                                                            | 8        | 7         |         | 18.79  | 18.65  | 18.65   |           |         |
| 3                                                            | 15       | 0         |         | 18.74  | 18.80  | 18.73   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 12 Maximum Average Power [dBm] (GT - LC = -1.04 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                          | 1        | 0         | QPSK    | 23.60  | 23.68  | 23.69   | 20.50     | 0.1122  |
| 1.4                                                          | 1        | 3         |         | 23.63  | 23.69  | 23.68   |           |         |
| 1.4                                                          | 1        | 5         |         | 23.56  | 23.51  | 23.46   |           |         |
| 1.4                                                          | 3        | 0         |         | 23.43  | 23.51  | 23.55   |           |         |
| 1.4                                                          | 3        | 1         |         | 23.49  | 23.52  | 23.48   |           |         |
| 1.4                                                          | 3        | 3         |         | 23.40  | 23.35  | 23.31   |           |         |
| 1.4                                                          | 6        | 0         |         | 22.75  | 22.75  | 22.79   |           |         |
| 1.4                                                          | 1        | 0         | 16-QAM  | 22.78  | 22.66  | 22.72   | 19.81     | 0.0957  |
| 1.4                                                          | 1        | 3         |         | 22.74  | 22.67  | 22.54   |           |         |
| 1.4                                                          | 1        | 5         |         | 22.71  | 22.68  | 22.64   |           |         |
| 1.4                                                          | 3        | 0         |         | 22.97  | 22.98  | 22.89   |           |         |
| 1.4                                                          | 3        | 1         |         | 23.00  | 22.91  | 22.89   |           |         |
| 1.4                                                          | 3        | 3         |         | 22.95  | 22.76  | 22.71   |           |         |
| 1.4                                                          | 6        | 0         |         | 21.71  | 21.72  | 21.80   |           |         |
| 1.4                                                          | 1        | 0         | 64-QAM  | 21.72  | 21.78  | 21.72   | 18.90     | 0.0776  |
| 1.4                                                          | 1        | 3         |         | 21.72  | 21.67  | 21.56   |           |         |
| 1.4                                                          | 1        | 5         |         | 21.74  | 21.61  | 21.71   |           |         |
| 1.4                                                          | 3        | 0         |         | 21.98  | 21.85  | 22.09   |           |         |
| 1.4                                                          | 3        | 1         |         | 21.92  | 22.00  | 21.75   |           |         |
| 1.4                                                          | 3        | 3         |         | 21.94  | 21.76  | 21.73   |           |         |
| 1.4                                                          | 6        | 0         |         | 20.69  | 20.72  | 20.70   |           |         |
| 1.4                                                          | 1        | 0         | 256-QAM | 19.17  | 18.72  | 18.87   | 15.98     | 0.0396  |
| 1.4                                                          | 1        | 3         |         | 18.87  | 18.95  | 18.84   |           |         |
| 1.4                                                          | 1        | 5         |         | 18.78  | 18.67  | 18.61   |           |         |
| 1.4                                                          | 3        | 0         |         | 18.91  | 18.75  | 18.76   |           |         |
| 1.4                                                          | 3        | 1         |         | 18.81  | 18.80  | 18.73   |           |         |
| 1.4                                                          | 3        | 3         |         | 18.75  | 18.64  | 18.60   |           |         |
| 1.4                                                          | 6        | 0         |         | 18.76  | 18.73  | 18.72   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 13 Maximum Average Power [dBm] (GT - LC = -1.82 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK    | -      | 23.78  | -       | 19.81     | 0.0957  |
| 10                                                           | 1        | 25        |         |        | 23.72  |         |           |         |
| 10                                                           | 1        | 49        |         |        | 23.57  |         |           |         |
| 10                                                           | 25       | 0         |         |        | 22.70  |         |           |         |
| 10                                                           | 25       | 12        |         |        | 22.79  |         |           |         |
| 10                                                           | 25       | 25        |         |        | 22.77  |         |           |         |
| 10                                                           | 50       | 0         |         |        | 22.88  |         |           |         |
| 10                                                           | 1        | 0         | 16-QAM  |        | 23.00  |         | 19.13     | 0.0818  |
| 10                                                           | 1        | 25        |         |        | 23.10  |         |           |         |
| 10                                                           | 1        | 49        |         |        | 22.85  |         |           |         |
| 10                                                           | 25       | 0         |         |        | 21.72  |         |           |         |
| 10                                                           | 25       | 12        |         |        | 21.84  |         |           |         |
| 10                                                           | 25       | 25        |         |        | 21.79  |         |           |         |
| 10                                                           | 50       | 0         |         |        | 21.86  |         |           |         |
| 10                                                           | 1        | 0         | 64-QAM  |        | 21.89  |         | 18.03     | 0.0635  |
| 10                                                           | 1        | 25        |         |        | 22.00  |         |           |         |
| 10                                                           | 1        | 49        |         |        | 21.82  |         |           |         |
| 10                                                           | 25       | 0         |         |        | 20.72  |         |           |         |
| 10                                                           | 25       | 12        |         |        | 20.88  |         |           |         |
| 10                                                           | 25       | 25        |         |        | 20.78  |         |           |         |
| 10                                                           | 50       | 0         |         |        | 20.85  |         |           |         |
| 10                                                           | 1        | 0         | 256-QAM |        | 18.82  |         | 14.99     | 0.0316  |
| 10                                                           | 1        | 25        |         |        | 18.94  |         |           |         |
| 10                                                           | 1        | 49        |         |        | 18.81  |         |           |         |
| 10                                                           | 25       | 0         |         |        | 18.80  |         |           |         |
| 10                                                           | 25       | 12        |         |        | 18.92  |         |           |         |
| 10                                                           | 25       | 25        |         |        | 18.92  |         |           |         |
| 10                                                           | 50       | 0         |         |        | 18.96  |         |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 13 Maximum Average Power [dBm] (GT - LC = -1.82 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK    | 23.65  | 23.65  | 23.67   | 19.70     | 0.0933  |
| 5                                                            | 1        | 12        |         | 23.52  | 23.56  | 23.62   |           |         |
| 5                                                            | 1        | 24        |         | 23.40  | 23.44  | 23.45   |           |         |
| 5                                                            | 12       | 0         |         | 22.55  | 22.58  | 22.60   |           |         |
| 5                                                            | 12       | 7         |         | 22.69  | 22.66  | 22.63   |           |         |
| 5                                                            | 12       | 13        |         | 22.57  | 22.59  | 22.67   |           |         |
| 5                                                            | 25       | 0         |         | 22.73  | 22.70  | 22.72   |           |         |
| 5                                                            | 1        | 0         | 16-QAM  | 22.81  | 22.84  | 22.81   | 18.99     | 0.0793  |
| 5                                                            | 1        | 12        |         | 22.94  | 22.93  | 22.96   |           |         |
| 5                                                            | 1        | 24        |         | 22.75  | 22.70  | 22.75   |           |         |
| 5                                                            | 12       | 0         |         | 21.52  | 21.57  | 21.57   |           |         |
| 5                                                            | 12       | 7         |         | 21.70  | 21.66  | 21.70   |           |         |
| 5                                                            | 12       | 13        |         | 21.65  | 21.66  | 21.69   |           |         |
| 5                                                            | 25       | 0         |         | 21.67  | 21.74  | 21.73   |           |         |
| 5                                                            | 1        | 0         | 64-QAM  | 21.79  | 21.78  | 21.76   | 17.91     | 0.0618  |
| 5                                                            | 1        | 12        |         | 21.80  | 21.88  | 21.83   |           |         |
| 5                                                            | 1        | 24        |         | 21.66  | 21.72  | 21.72   |           |         |
| 5                                                            | 12       | 0         |         | 20.58  | 20.55  | 20.60   |           |         |
| 5                                                            | 12       | 7         |         | 20.77  | 20.72  | 20.77   |           |         |
| 5                                                            | 12       | 13        |         | 20.62  | 20.65  | 20.68   |           |         |
| 5                                                            | 25       | 0         |         | 20.66  | 20.72  | 20.67   |           |         |
| 5                                                            | 1        | 0         | 256-QAM | 18.65  | 18.64  | 18.72   | 14.88     | 0.0308  |
| 5                                                            | 1        | 12        |         | 18.78  | 18.82  | 18.79   |           |         |
| 5                                                            | 1        | 24        |         | 18.70  | 18.61  | 18.71   |           |         |
| 5                                                            | 12       | 0         |         | 18.65  | 18.69  | 18.67   |           |         |
| 5                                                            | 12       | 7         |         | 18.74  | 18.80  | 18.82   |           |         |
| 5                                                            | 12       | 13        |         | 18.72  | 18.78  | 18.76   |           |         |
| 5                                                            | 25       | 0         |         | 18.76  | 18.85  | 18.81   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 17 Maximum Average Power [dBm] (GT - LC = -1.04 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK    | 23.76  | 23.75  | 23.77   | 20.58     | 0.1143  |
| 10                                                           | 1        | 25        |         | 23.75  | 23.71  | 23.76   |           |         |
| 10                                                           | 1        | 49        |         | 23.65  | 23.65  | 23.63   |           |         |
| 10                                                           | 25       | 0         |         | 22.86  | 22.86  | 22.84   |           |         |
| 10                                                           | 25       | 12        |         | 22.91  | 22.86  | 22.80   |           |         |
| 10                                                           | 25       | 25        |         | 22.86  | 22.79  | 22.76   |           |         |
| 10                                                           | 50       | 0         |         | 22.80  | 22.84  | 22.82   |           |         |
| 10                                                           | 1        | 0         | 16-QAM  | 23.10  | 22.98  | 23.09   | 19.95     | 0.0989  |
| 10                                                           | 1        | 25        |         | 23.14  | 23.12  | 23.14   |           |         |
| 10                                                           | 1        | 49        |         | 22.88  | 22.92  | 22.83   |           |         |
| 10                                                           | 25       | 0         |         | 21.84  | 21.85  | 21.86   |           |         |
| 10                                                           | 25       | 12        |         | 21.96  | 21.86  | 21.85   |           |         |
| 10                                                           | 25       | 25        |         | 21.86  | 21.79  | 21.74   |           |         |
| 10                                                           | 50       | 0         |         | 21.81  | 21.83  | 21.83   |           |         |
| 10                                                           | 1        | 0         | 64-QAM  | 22.02  | 21.96  | 22.08   | 19.01     | 0.0796  |
| 10                                                           | 1        | 25        |         | 22.06  | 22.20  | 22.14   |           |         |
| 10                                                           | 1        | 49        |         | 21.95  | 21.90  | 21.83   |           |         |
| 10                                                           | 25       | 0         |         | 20.83  | 20.90  | 20.87   |           |         |
| 10                                                           | 25       | 12        |         | 20.93  | 20.84  | 20.87   |           |         |
| 10                                                           | 25       | 25        |         | 20.88  | 20.74  | 20.76   |           |         |
| 10                                                           | 50       | 0         |         | 20.85  | 20.82  | 20.84   |           |         |
| 10                                                           | 1        | 0         | 256-QAM | 18.89  | 18.86  | 18.90   | 15.85     | 0.0385  |
| 10                                                           | 1        | 25        |         | 18.99  | 18.94  | 19.04   |           |         |
| 10                                                           | 1        | 49        |         | 18.77  | 18.81  | 18.72   |           |         |
| 10                                                           | 25       | 0         |         | 18.86  | 18.91  | 18.79   |           |         |
| 10                                                           | 25       | 12        |         | 18.95  | 18.92  | 18.88   |           |         |
| 10                                                           | 25       | 25        |         | 18.87  | 18.81  | 18.83   |           |         |
| 10                                                           | 50       | 0         |         | 18.87  | 18.83  | 18.83   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



| LTE Band 17 Maximum Average Power [dBm] (GT - LC = -1.04 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK    | 23.62  | 23.55  | 23.59   | 20.44     | 0.1107  |
| 5                                                            | 1        | 12        |         | 23.58  | 23.51  | 23.63   |           |         |
| 5                                                            | 1        | 24        |         | 23.54  | 23.55  | 23.46   |           |         |
| 5                                                            | 12       | 0         |         | 22.69  | 22.69  | 22.71   |           |         |
| 5                                                            | 12       | 7         |         | 22.80  | 22.66  | 22.62   |           |         |
| 5                                                            | 12       | 13        |         | 22.72  | 22.61  | 22.56   |           |         |
| 5                                                            | 25       | 0         |         | 22.62  | 22.72  | 22.71   |           |         |
| 5                                                            | 1        | 0         | 16-QAM  | 22.96  | 22.79  | 22.92   | 19.82     | 0.0959  |
| 5                                                            | 1        | 12        |         | 23.00  | 23.00  | 23.01   |           |         |
| 5                                                            | 1        | 24        |         | 22.72  | 22.72  | 22.70   |           |         |
| 5                                                            | 12       | 0         |         | 21.64  | 21.69  | 21.66   |           |         |
| 5                                                            | 12       | 7         |         | 21.83  | 21.67  | 21.72   |           |         |
| 5                                                            | 12       | 13        |         | 21.66  | 21.69  | 21.59   |           |         |
| 5                                                            | 25       | 0         |         | 21.71  | 21.67  | 21.66   |           |         |
| 5                                                            | 1        | 0         | 64-QAM  | 21.92  | 21.79  | 21.92   | 18.90     | 0.0776  |
| 5                                                            | 1        | 12        |         | 21.94  | 22.09  | 22.02   |           |         |
| 5                                                            | 1        | 24        |         | 21.84  | 21.76  | 21.70   |           |         |
| 5                                                            | 12       | 0         |         | 20.66  | 20.75  | 20.74   |           |         |
| 5                                                            | 12       | 7         |         | 20.73  | 20.68  | 20.71   |           |         |
| 5                                                            | 12       | 13        |         | 20.74  | 20.59  | 20.60   |           |         |
| 5                                                            | 25       | 0         |         | 20.69  | 20.66  | 20.73   |           |         |
| 5                                                            | 1        | 0         | 256-QAM | 18.69  | 18.66  | 18.75   | 15.67     | 0.0369  |
| 5                                                            | 1        | 12        |         | 18.79  | 18.84  | 18.86   |           |         |
| 5                                                            | 1        | 24        |         | 18.65  | 18.64  | 18.54   |           |         |
| 5                                                            | 12       | 0         |         | 18.66  | 18.75  | 18.64   |           |         |
| 5                                                            | 12       | 7         |         | 18.81  | 18.82  | 18.76   |           |         |
| 5                                                            | 12       | 13        |         | 18.73  | 18.69  | 18.72   |           |         |
| 5                                                            | 25       | 0         |         | 18.68  | 18.64  | 18.64   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |





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| LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.02 dB) |          |           |         |        |        |         |           |         |
|------------------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                               | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15                                                                     | 1        | 0         | QPSK    | 24.39  | 24.23  | 24.42   | 20.25     | 0.1059  |
| 15                                                                     | 1        | 37        |         | 24.38  | 24.42  | 24.36   |           |         |
| 15                                                                     | 1        | 74        |         | 24.30  | 24.20  | 24.34   |           |         |
| 15                                                                     | 36       | 0         |         | 23.38  | 23.63  | 23.46   |           |         |
| 15                                                                     | 36       | 20        |         | 23.51  | 23.64  | 23.47   |           |         |
| 15                                                                     | 36       | 39        |         | 23.46  | 23.28  | 23.35   |           |         |
| 15                                                                     | 75       | 0         |         | 23.50  | 23.67  | 23.38   |           |         |
| 15                                                                     | 1        | 0         | 16-QAM  | 23.64  | 23.64  | 23.70   | 19.54     | 0.0899  |
| 15                                                                     | 1        | 37        |         | 23.70  | 23.58  | 23.68   |           |         |
| 15                                                                     | 1        | 74        |         | 23.66  | 23.71  | 23.55   |           |         |
| 15                                                                     | 36       | 0         |         | 22.43  | 22.61  | 22.42   |           |         |
| 15                                                                     | 36       | 20        |         | 22.52  | 22.35  | 22.41   |           |         |
| 15                                                                     | 36       | 39        |         | 22.45  | 22.57  | 22.37   |           |         |
| 15                                                                     | 75       | 0         |         | 22.45  | 22.53  | 22.34   |           |         |
| 15                                                                     | 1        | 0         | 64-QAM  | 22.55  | 22.76  | 22.57   | 18.59     | 0.0723  |
| 15                                                                     | 1        | 37        |         | 22.72  | 22.74  | 22.71   |           |         |
| 15                                                                     | 1        | 74        |         | 22.47  | 22.63  | 22.50   |           |         |
| 15                                                                     | 36       | 0         |         | 21.42  | 21.50  | 21.43   |           |         |
| 15                                                                     | 36       | 20        |         | 21.50  | 21.60  | 21.41   |           |         |
| 15                                                                     | 36       | 39        |         | 21.44  | 21.63  | 21.36   |           |         |
| 15                                                                     | 75       | 0         |         | 21.49  | 21.47  | 21.36   |           |         |
| 15                                                                     | 1        | 0         | 256-QAM | 19.50  | 19.45  | 19.61   | 15.72     | 0.0373  |
| 15                                                                     | 1        | 37        |         | 19.53  | 19.80  | 19.49   |           |         |
| 15                                                                     | 1        | 74        |         | 19.47  | 19.45  | 19.30   |           |         |
| 15                                                                     | 36       | 0         |         | 19.44  | 19.30  | 19.47   |           |         |
| 15                                                                     | 36       | 20        |         | 19.46  | 19.82  | 19.48   |           |         |
| 15                                                                     | 36       | 39        |         | 19.43  | 19.76  | 19.43   |           |         |
| 15                                                                     | 75       | 0         |         | 19.47  | 19.89  | 19.44   |           |         |
| Limit                                                                  | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.02 dB) |          |           |         |        |        |         |           |         |
|------------------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                               | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                                     | 1        | 0         | QPSK    | 24.18  | 24.25  | 24.22   | 20.08     | 0.1019  |
| 10                                                                     | 1        | 25        |         | 24.22  | 24.24  | 24.22   |           |         |
| 10                                                                     | 1        | 49        |         | 24.10  | 24.10  | 24.21   |           |         |
| 10                                                                     | 25       | 0         |         | 23.34  | 23.25  | 23.28   |           |         |
| 10                                                                     | 25       | 12        |         | 23.30  | 23.39  | 23.28   |           |         |
| 10                                                                     | 25       | 25        |         | 23.36  | 23.25  | 23.23   |           |         |
| 10                                                                     | 50       | 0         |         | 23.28  | 23.38  | 23.23   |           |         |
| 10                                                                     | 1        | 0         | 16-QAM  | 23.56  | 23.40  | 23.54   | 19.45     | 0.0881  |
| 10                                                                     | 1        | 25        |         | 23.44  | 23.62  | 23.58   |           |         |
| 10                                                                     | 1        | 49        |         | 23.34  | 23.59  | 23.36   |           |         |
| 10                                                                     | 25       | 0         |         | 22.25  | 22.28  | 22.23   |           |         |
| 10                                                                     | 25       | 12        |         | 22.48  | 22.28  | 22.29   |           |         |
| 10                                                                     | 25       | 25        |         | 22.24  | 22.42  | 22.19   |           |         |
| 10                                                                     | 50       | 0         |         | 22.28  | 22.33  | 22.14   |           |         |
| 10                                                                     | 1        | 0         | 64-QAM  | 22.41  | 22.44  | 22.43   | 18.46     | 0.0701  |
| 10                                                                     | 1        | 25        |         | 22.58  | 22.63  | 22.60   |           |         |
| 10                                                                     | 1        | 49        |         | 22.36  | 22.25  | 22.31   |           |         |
| 10                                                                     | 25       | 0         |         | 21.41  | 21.27  | 21.24   |           |         |
| 10                                                                     | 25       | 12        |         | 21.25  | 21.26  | 21.21   |           |         |
| 10                                                                     | 25       | 25        |         | 21.26  | 21.17  | 21.16   |           |         |
| 10                                                                     | 50       | 0         |         | 21.21  | 21.35  | 21.26   |           |         |
| 10                                                                     | 1        | 0         | 256-QAM | 19.45  | 19.38  | 19.51   | 15.42     | 0.0348  |
| 10                                                                     | 1        | 25        |         | 19.48  | 19.41  | 19.31   |           |         |
| 10                                                                     | 1        | 49        |         | 19.14  | 19.38  | 19.10   |           |         |
| 10                                                                     | 25       | 0         |         | 19.34  | 19.31  | 19.29   |           |         |
| 10                                                                     | 25       | 12        |         | 19.45  | 19.30  | 19.30   |           |         |
| 10                                                                     | 25       | 25        |         | 19.53  | 19.30  | 19.25   |           |         |
| 10                                                                     | 50       | 0         |         | 19.59  | 19.37  | 19.31   |           |         |
| Limit                                                                  | ERP < 7W |           |         | Result |        |         | Pass      |         |



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| LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.02 dB) |          |           |         |        |        |         |           |         |
|------------------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                               | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                                      | 1        | 0         | QPSK    | 24.19  | 24.21  | 24.22   | 20.18     | 0.1042  |
| 5                                                                      | 1        | 12        |         | 24.35  | 24.29  | 24.18   |           |         |
| 5                                                                      | 1        | 24        |         | 24.29  | 24.22  | 24.18   |           |         |
| 5                                                                      | 12       | 0         |         | 23.27  | 23.19  | 23.34   |           |         |
| 5                                                                      | 12       | 7         |         | 23.40  | 23.51  | 23.35   |           |         |
| 5                                                                      | 12       | 13        |         | 23.28  | 23.16  | 23.24   |           |         |
| 5                                                                      | 25       | 0         |         | 23.37  | 23.32  | 23.27   |           |         |
| 5                                                                      | 1        | 0         | 16-QAM  | 23.32  | 23.51  | 23.54   | 19.43     | 0.0877  |
| 5                                                                      | 1        | 12        |         | 23.50  | 23.58  | 23.53   |           |         |
| 5                                                                      | 1        | 24        |         | 23.23  | 23.60  | 23.35   |           |         |
| 5                                                                      | 12       | 0         |         | 22.31  | 22.25  | 22.24   |           |         |
| 5                                                                      | 12       | 7         |         | 22.41  | 22.34  | 22.27   |           |         |
| 5                                                                      | 12       | 13        |         | 22.31  | 22.42  | 22.23   |           |         |
| 5                                                                      | 25       | 0         |         | 22.27  | 22.25  | 22.23   |           |         |
| 5                                                                      | 1        | 0         | 64-QAM  | 22.42  | 22.45  | 22.46   | 18.42     | 0.0695  |
| 5                                                                      | 1        | 12        |         | 22.59  | 22.45  | 22.54   |           |         |
| 5                                                                      | 1        | 24        |         | 22.42  | 22.39  | 22.39   |           |         |
| 5                                                                      | 12       | 0         |         | 21.26  | 21.21  | 21.33   |           |         |
| 5                                                                      | 12       | 7         |         | 21.21  | 21.43  | 21.28   |           |         |
| 5                                                                      | 12       | 13        |         | 21.20  | 21.23  | 21.26   |           |         |
| 5                                                                      | 25       | 0         |         | 21.37  | 21.41  | 21.16   |           |         |
| 5                                                                      | 1        | 0         | 256-QAM | 19.35  | 19.40  | 19.43   | 15.45     | 0.0351  |
| 5                                                                      | 1        | 12        |         | 19.54  | 19.46  | 19.33   |           |         |
| 5                                                                      | 1        | 24        |         | 19.03  | 19.25  | 19.18   |           |         |
| 5                                                                      | 12       | 0         |         | 19.37  | 19.25  | 19.34   |           |         |
| 5                                                                      | 12       | 7         |         | 19.62  | 19.22  | 19.29   |           |         |
| 5                                                                      | 12       | 13        |         | 19.49  | 19.19  | 19.30   |           |         |
| 5                                                                      | 25       | 0         |         | 19.61  | 19.30  | 19.27   |           |         |
| Limit                                                                  | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.02 dB) |          |           |         |        |        |         |           |         |
|------------------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                               | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                                      | 1        | 0         | QPSK    | 24.16  | 24.21  | 24.32   | 20.15     | 0.1035  |
| 3                                                                      | 1        | 8         |         | 24.20  | 24.12  | 24.20   |           |         |
| 3                                                                      | 1        | 14        |         | 24.13  | 24.06  | 24.18   |           |         |
| 3                                                                      | 8        | 0         |         | 23.35  | 23.15  | 23.33   |           |         |
| 3                                                                      | 8        | 4         |         | 23.47  | 23.38  | 23.33   |           |         |
| 3                                                                      | 8        | 7         |         | 23.43  | 23.27  | 23.22   |           |         |
| 3                                                                      | 15       | 0         |         | 23.48  | 23.29  | 23.27   |           |         |
| 3                                                                      | 1        | 0         | 16-QAM  | 23.50  | 23.52  | 23.53   | 19.46     | 0.0883  |
| 3                                                                      | 1        | 8         |         | 23.54  | 23.63  | 23.55   |           |         |
| 3                                                                      | 1        | 14        |         | 23.40  | 23.44  | 23.42   |           |         |
| 3                                                                      | 8        | 0         |         | 22.23  | 22.16  | 22.32   |           |         |
| 3                                                                      | 8        | 4         |         | 22.33  | 22.33  | 22.31   |           |         |
| 3                                                                      | 8        | 7         |         | 22.39  | 22.32  | 22.24   |           |         |
| 3                                                                      | 15       | 0         |         | 22.27  | 22.38  | 22.15   |           |         |
| 3                                                                      | 1        | 0         | 64-QAM  | 22.36  | 22.38  | 22.37   | 18.47     | 0.0703  |
| 3                                                                      | 1        | 8         |         | 22.48  | 22.64  | 22.52   |           |         |
| 3                                                                      | 1        | 14        |         | 22.33  | 22.38  | 22.40   |           |         |
| 3                                                                      | 8        | 0         |         | 21.21  | 21.24  | 21.26   |           |         |
| 3                                                                      | 8        | 4         |         | 21.27  | 21.36  | 21.26   |           |         |
| 3                                                                      | 8        | 7         |         | 21.31  | 21.37  | 21.16   |           |         |
| 3                                                                      | 15       | 0         |         | 21.31  | 21.31  | 21.26   |           |         |
| 3                                                                      | 1        | 0         | 256-QAM | 19.44  | 19.39  | 19.42   | 15.48     | 0.0353  |
| 3                                                                      | 1        | 8         |         | 19.35  | 19.34  | 19.33   |           |         |
| 3                                                                      | 1        | 14        |         | 19.11  | 19.39  | 19.18   |           |         |
| 3                                                                      | 8        | 0         |         | 19.32  | 19.32  | 19.32   |           |         |
| 3                                                                      | 8        | 4         |         | 19.47  | 19.38  | 19.36   |           |         |
| 3                                                                      | 8        | 7         |         | 19.48  | 19.33  | 19.25   |           |         |
| 3                                                                      | 15       | 0         |         | 19.65  | 19.36  | 19.29   |           |         |
| Limit                                                                  | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.02 dB) |          |           |         |        |        |         |           |         |
|------------------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                               | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                                    | 1        | 0         | QPSK    | 24.20  | 24.33  | 24.24   | 20.16     | 0.1038  |
| 1.4                                                                    | 1        | 3         |         | 24.24  | 24.20  | 24.25   |           |         |
| 1.4                                                                    | 1        | 5         |         | 24.14  | 24.10  | 24.19   |           |         |
| 1.4                                                                    | 3        | 0         |         | 24.14  | 24.20  | 24.09   |           |         |
| 1.4                                                                    | 3        | 1         |         | 24.02  | 24.00  | 24.09   |           |         |
| 1.4                                                                    | 3        | 3         |         | 23.96  | 24.11  | 24.09   |           |         |
| 1.4                                                                    | 6        | 0         |         | 23.33  | 23.28  | 23.36   |           |         |
| 1.4                                                                    | 1        | 0         | 16-QAM  | 23.23  | 23.37  | 23.32   | 19.48     | 0.0887  |
| 1.4                                                                    | 1        | 3         |         | 23.24  | 23.32  | 23.23   |           |         |
| 1.4                                                                    | 1        | 5         |         | 23.46  | 23.38  | 23.21   |           |         |
| 1.4                                                                    | 3        | 0         |         | 23.34  | 23.59  | 23.56   |           |         |
| 1.4                                                                    | 3        | 1         |         | 23.54  | 23.65  | 23.53   |           |         |
| 1.4                                                                    | 3        | 3         |         | 23.47  | 23.46  | 23.36   |           |         |
| 1.4                                                                    | 6        | 0         |         | 22.30  | 22.33  | 22.27   |           |         |
| 1.4                                                                    | 1        | 0         | 64-QAM  | 22.51  | 22.45  | 22.25   | 18.44     | 0.0698  |
| 1.4                                                                    | 1        | 3         |         | 22.27  | 22.37  | 22.23   |           |         |
| 1.4                                                                    | 1        | 5         |         | 22.24  | 22.37  | 22.22   |           |         |
| 1.4                                                                    | 3        | 0         |         | 22.44  | 22.46  | 22.39   |           |         |
| 1.4                                                                    | 3        | 1         |         | 22.52  | 22.61  | 22.55   |           |         |
| 1.4                                                                    | 3        | 3         |         | 22.27  | 22.40  | 22.34   |           |         |
| 1.4                                                                    | 6        | 0         |         | 21.28  | 21.25  | 21.28   |           |         |
| 1.4                                                                    | 1        | 0         | 256-QAM | 19.31  | 19.43  | 19.41   | 15.40     | 0.0347  |
| 1.4                                                                    | 1        | 3         |         | 19.47  | 19.38  | 19.36   |           |         |
| 1.4                                                                    | 1        | 5         |         | 19.25  | 19.42  | 19.20   |           |         |
| 1.4                                                                    | 3        | 0         |         | 19.33  | 19.29  | 19.27   |           |         |
| 1.4                                                                    | 3        | 1         |         | 19.38  | 19.30  | 19.32   |           |         |
| 1.4                                                                    | 3        | 3         |         | 19.57  | 19.28  | 19.32   |           |         |
| 1.4                                                                    | 6        | 0         |         | 19.52  | 19.32  | 19.25   |           |         |
| Limit                                                                  | ERP < 7W |           |         | Result |        |         | Pass      |         |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = -7.67 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                           | 1         | 0         | QPSK    | 23.34  | 23.38  | 23.51   | 15.84      | 0.0384   |
| 20                                                           | 1         | 49        |         | 23.34  | 23.34  | 23.48   |            |          |
| 20                                                           | 1         | 99        |         | 23.40  | 23.42  | 23.41   |            |          |
| 20                                                           | 50        | 0         |         | 22.42  | 22.44  | 22.50   |            |          |
| 20                                                           | 50        | 24        |         | 22.35  | 22.44  | 22.50   |            |          |
| 20                                                           | 50        | 50        |         | 22.38  | 22.44  | 22.58   |            |          |
| 20                                                           | 100       | 0         |         | 22.34  | 22.46  | 22.49   |            |          |
| 20                                                           | 1         | 0         | 16-QAM  | 22.67  | 22.71  | 22.82   | 15.15      | 0.0327   |
| 20                                                           | 1         | 49        |         | 22.66  | 22.69  | 22.78   |            |          |
| 20                                                           | 1         | 99        |         | 22.61  | 22.59  | 22.71   |            |          |
| 20                                                           | 50        | 0         |         | 21.47  | 21.45  | 21.50   |            |          |
| 20                                                           | 50        | 24        |         | 21.38  | 21.49  | 21.52   |            |          |
| 20                                                           | 50        | 50        |         | 21.37  | 21.46  | 21.58   |            |          |
| 20                                                           | 100       | 0         |         | 21.37  | 21.47  | 21.50   |            |          |
| 20                                                           | 1         | 0         | 64-QAM  | 21.54  | 21.60  | 21.68   | 14.03      | 0.0253   |
| 20                                                           | 1         | 49        |         | 21.61  | 21.58  | 21.70   |            |          |
| 20                                                           | 1         | 99        |         | 21.50  | 21.52  | 21.64   |            |          |
| 20                                                           | 50        | 0         |         | 20.43  | 20.48  | 20.52   |            |          |
| 20                                                           | 50        | 24        |         | 20.40  | 20.48  | 20.52   |            |          |
| 20                                                           | 50        | 50        |         | 20.39  | 20.47  | 20.58   |            |          |
| 20                                                           | 100       | 0         |         | 20.37  | 20.48  | 20.52   |            |          |
| 20                                                           | 1         | 0         | 256-QAM | 18.44  | 18.62  | 18.55   | 10.95      | 0.0124   |
| 20                                                           | 1         | 49        |         | 18.54  | 18.55  | 18.49   |            |          |
| 20                                                           | 1         | 99        |         | 18.52  | 18.60  | 18.48   |            |          |
| 20                                                           | 50        | 0         |         | 18.52  | 18.43  | 18.41   |            |          |
| 20                                                           | 50        | 24        |         | 18.37  | 18.38  | 18.40   |            |          |
| 20                                                           | 50        | 50        |         | 18.38  | 18.32  | 18.44   |            |          |
| 20                                                           | 100       | 0         |         | 18.34  | 18.40  | 18.42   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = -7.67 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                           | 1         | 0         | QPSK    | 23.26  | 23.36  | 23.46   | 15.80      | 0.0380   |
| 15                                                           | 1         | 37        |         | 23.30  | 23.33  | 23.47   |            |          |
| 15                                                           | 1         | 74        |         | 23.37  | 23.33  | 23.36   |            |          |
| 15                                                           | 36        | 0         |         | 22.40  | 22.38  | 22.42   |            |          |
| 15                                                           | 36        | 20        |         | 22.32  | 22.41  | 22.39   |            |          |
| 15                                                           | 36        | 39        |         | 22.29  | 22.33  | 22.48   |            |          |
| 15                                                           | 75        | 0         |         | 22.29  | 22.38  | 22.43   |            |          |
| 15                                                           | 1         | 0         | 16-QAM  | 22.61  | 22.64  | 22.81   | 15.14      | 0.0327   |
| 15                                                           | 1         | 37        |         | 22.58  | 22.64  | 22.70   |            |          |
| 15                                                           | 1         | 74        |         | 22.57  | 22.58  | 22.61   |            |          |
| 15                                                           | 36        | 0         |         | 21.38  | 21.34  | 21.43   |            |          |
| 15                                                           | 36        | 20        |         | 21.31  | 21.41  | 21.42   |            |          |
| 15                                                           | 36        | 39        |         | 21.27  | 21.45  | 21.52   |            |          |
| 15                                                           | 75        | 0         |         | 21.34  | 21.36  | 21.41   |            |          |
| 15                                                           | 1         | 0         | 64-QAM  | 21.49  | 21.50  | 21.62   | 13.95      | 0.0248   |
| 15                                                           | 1         | 37        |         | 21.55  | 21.47  | 21.62   |            |          |
| 15                                                           | 1         | 74        |         | 21.40  | 21.50  | 21.57   |            |          |
| 15                                                           | 36        | 0         |         | 20.33  | 20.38  | 20.43   |            |          |
| 15                                                           | 36        | 20        |         | 20.39  | 20.46  | 20.50   |            |          |
| 15                                                           | 36        | 39        |         | 20.28  | 20.36  | 20.54   |            |          |
| 15                                                           | 75        | 0         |         | 20.31  | 20.41  | 20.47   |            |          |
| 15                                                           | 1         | 0         | 256-QAM | 18.36  | 18.55  | 18.54   | 10.88      | 0.0122   |
| 15                                                           | 1         | 37        |         | 18.53  | 18.44  | 18.39   |            |          |
| 15                                                           | 1         | 74        |         | 18.43  | 18.50  | 18.37   |            |          |
| 15                                                           | 36        | 0         |         | 18.45  | 18.33  | 18.33   |            |          |
| 15                                                           | 36        | 20        |         | 18.36  | 18.27  | 18.34   |            |          |
| 15                                                           | 36        | 39        |         | 18.28  | 18.29  | 18.42   |            |          |
| 15                                                           | 75        | 0         |         | 18.33  | 18.37  | 18.31   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 38 Maximum Average Power [dBm] (GT - LC = -7.67 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                           | 1         | 0         | QPSK    | 23.24  | 23.33  | 23.44   | 15.77      | 0.0378   |
| 10                                                           | 1         | 25        |         | 23.25  | 23.25  | 23.44   |            |          |
| 10                                                           | 1         | 49        |         | 23.34  | 23.38  | 23.37   |            |          |
| 10                                                           | 25        | 0         |         | 22.41  | 22.39  | 22.47   |            |          |
| 10                                                           | 25        | 12        |         | 22.31  | 22.33  | 22.47   |            |          |
| 10                                                           | 25        | 25        |         | 22.28  | 22.33  | 22.50   |            |          |
| 10                                                           | 50        | 0         |         | 22.25  | 22.45  | 22.39   |            |          |
| 10                                                           | 1         | 0         | 16-QAM  | 22.61  | 22.63  | 22.79   | 15.12      | 0.0325   |
| 10                                                           | 1         | 25        |         | 22.61  | 22.58  | 22.69   |            |          |
| 10                                                           | 1         | 49        |         | 22.51  | 22.48  | 22.61   |            |          |
| 10                                                           | 25        | 0         |         | 21.41  | 21.43  | 21.45   |            |          |
| 10                                                           | 25        | 12        |         | 21.27  | 21.47  | 21.42   |            |          |
| 10                                                           | 25        | 25        |         | 21.28  | 21.36  | 21.49   |            |          |
| 10                                                           | 50        | 0         |         | 21.32  | 21.36  | 21.39   |            |          |
| 10                                                           | 1         | 0         | 64-QAM  | 21.52  | 21.52  | 21.67   | 14.00      | 0.0251   |
| 10                                                           | 1         | 25        |         | 21.54  | 21.54  | 21.64   |            |          |
| 10                                                           | 1         | 49        |         | 21.39  | 21.44  | 21.60   |            |          |
| 10                                                           | 25        | 0         |         | 20.40  | 20.45  | 20.50   |            |          |
| 10                                                           | 25        | 12        |         | 20.33  | 20.47  | 20.41   |            |          |
| 10                                                           | 25        | 25        |         | 20.35  | 20.38  | 20.48   |            |          |
| 10                                                           | 50        | 0         |         | 20.33  | 20.44  | 20.48   |            |          |
| 10                                                           | 1         | 0         | 256-QAM | 18.43  | 18.59  | 18.48   | 10.92      | 0.0124   |
| 10                                                           | 1         | 25        |         | 18.48  | 18.53  | 18.42   |            |          |
| 10                                                           | 1         | 49        |         | 18.42  | 18.53  | 18.47   |            |          |
| 10                                                           | 25        | 0         |         | 18.41  | 18.41  | 18.38   |            |          |
| 10                                                           | 25        | 12        |         | 18.34  | 18.27  | 18.37   |            |          |
| 10                                                           | 25        | 25        |         | 18.28  | 18.29  | 18.43   |            |          |
| 10                                                           | 50        | 0         |         | 18.26  | 18.36  | 18.32   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |





| LTE Band 38 Maximum Average Power [dBm] (GT - LC = -7.67 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                            | 1         | 0         | QPSK    | 23.27  | 23.27  | 23.50   | 15.83      | 0.0383   |
| 5                                                            | 1         | 12        |         | 23.28  | 23.28  | 23.40   |            |          |
| 5                                                            | 1         | 24        |         | 23.38  | 23.31  | 23.30   |            |          |
| 5                                                            | 12        | 0         |         | 22.40  | 22.36  | 22.42   |            |          |
| 5                                                            | 12        | 7         |         | 22.32  | 22.33  | 22.46   |            |          |
| 5                                                            | 12        | 13        |         | 22.27  | 22.41  | 22.53   |            |          |
| 5                                                            | 25        | 0         |         | 22.23  | 22.39  | 22.48   |            |          |
| 5                                                            | 1         | 0         | 16-QAM  | 22.59  | 22.62  | 22.76   | 15.09      | 0.0323   |
| 5                                                            | 1         | 12        |         | 22.64  | 22.64  | 22.69   |            |          |
| 5                                                            | 1         | 24        |         | 22.54  | 22.58  | 22.70   |            |          |
| 5                                                            | 12        | 0         |         | 21.46  | 21.42  | 21.48   |            |          |
| 5                                                            | 12        | 7         |         | 21.30  | 21.40  | 21.43   |            |          |
| 5                                                            | 12        | 13        |         | 21.30  | 21.38  | 21.48   |            |          |
| 5                                                            | 25        | 0         |         | 21.27  | 21.45  | 21.48   |            |          |
| 5                                                            | 1         | 0         | 64-QAM  | 21.52  | 21.54  | 21.62   | 13.95      | 0.0248   |
| 5                                                            | 1         | 12        |         | 21.56  | 21.55  | 21.61   |            |          |
| 5                                                            | 1         | 24        |         | 21.47  | 21.41  | 21.60   |            |          |
| 5                                                            | 12        | 0         |         | 20.35  | 20.46  | 20.44   |            |          |
| 5                                                            | 12        | 7         |         | 20.31  | 20.47  | 20.48   |            |          |
| 5                                                            | 12        | 13        |         | 20.36  | 20.39  | 20.52   |            |          |
| 5                                                            | 25        | 0         |         | 20.28  | 20.38  | 20.48   |            |          |
| 5                                                            | 1         | 0         | 256-QAM | 18.43  | 18.51  | 18.49   | 10.88      | 0.0122   |
| 5                                                            | 1         | 12        |         | 18.50  | 18.49  | 18.38   |            |          |
| 5                                                            | 1         | 24        |         | 18.51  | 18.55  | 18.45   |            |          |
| 5                                                            | 12        | 0         |         | 18.50  | 18.38  | 18.33   |            |          |
| 5                                                            | 12        | 7         |         | 18.32  | 18.34  | 18.32   |            |          |
| 5                                                            | 12        | 13        |         | 18.30  | 18.29  | 18.33   |            |          |
| 5                                                            | 25        | 0         |         | 18.24  | 18.36  | 18.38   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 41 Maximum Average Power [dBm] (GT - LC = -7.04 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                           | 1         | 0         | QPSK    | 23.85  | 23.68  | 24.35   | 17.31      | 0.0538   |
| 20                                                           | 1         | 49        |         | 23.81  | 23.66  | 24.21   |            |          |
| 20                                                           | 1         | 99        |         | 23.69  | 23.67  | 24.23   |            |          |
| 20                                                           | 50        | 0         |         | 22.90  | 22.66  | 23.36   |            |          |
| 20                                                           | 50        | 24        |         | 22.92  | 22.74  | 23.37   |            |          |
| 20                                                           | 50        | 50        |         | 22.76  | 22.70  | 23.28   |            |          |
| 20                                                           | 100       | 0         |         | 22.91  | 22.73  | 23.37   |            |          |
| 20                                                           | 1         | 0         | 16-QAM  | 22.85  | 22.69  | 23.30   | 16.26      | 0.0423   |
| 20                                                           | 1         | 49        |         | 22.83  | 22.66  | 23.26   |            |          |
| 20                                                           | 1         | 99        |         | 22.67  | 22.71  | 23.27   |            |          |
| 20                                                           | 50        | 0         |         | 21.94  | 21.67  | 22.37   |            |          |
| 20                                                           | 50        | 24        |         | 21.93  | 21.75  | 22.36   |            |          |
| 20                                                           | 50        | 50        |         | 21.77  | 21.75  | 22.27   |            |          |
| 20                                                           | 100       | 0         |         | 21.90  | 21.76  | 22.35   |            |          |
| 20                                                           | 1         | 0         | 64-QAM  | 21.85  | 21.69  | 22.36   | 15.32      | 0.0340   |
| 20                                                           | 1         | 49        |         | 21.78  | 21.66  | 22.22   |            |          |
| 20                                                           | 1         | 99        |         | 21.62  | 21.75  | 22.25   |            |          |
| 20                                                           | 50        | 0         |         | 20.93  | 20.68  | 21.36   |            |          |
| 20                                                           | 50        | 24        |         | 20.96  | 20.78  | 21.38   |            |          |
| 20                                                           | 50        | 50        |         | 20.80  | 20.77  | 21.28   |            |          |
| 20                                                           | 100       | 0         |         | 20.92  | 20.77  | 21.35   |            |          |
| 20                                                           | 1         | 0         | 256-QAM | 19.07  | 18.74  | 19.49   | 12.45      | 0.0176   |
| 20                                                           | 1         | 49        |         | 18.91  | 18.87  | 19.40   |            |          |
| 20                                                           | 1         | 99        |         | 18.84  | 18.90  | 19.29   |            |          |
| 20                                                           | 50        | 0         |         | 18.99  | 18.79  | 19.39   |            |          |
| 20                                                           | 50        | 24        |         | 18.98  | 18.88  | 19.41   |            |          |
| 20                                                           | 50        | 50        |         | 18.91  | 18.81  | 19.34   |            |          |
| 20                                                           | 100       | 0         |         | 18.99  | 18.81  | 19.39   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41 Maximum Average Power [dBm] (GT - LC = -7.04 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                           | 1         | 0         | QPSK    | 23.72  | 23.51  | 24.21   | 17.17      | 0.0521   |
| 15                                                           | 1         | 37        |         | 23.64  | 23.46  | 24.10   |            |          |
| 15                                                           | 1         | 74        |         | 23.58  | 23.48  | 24.07   |            |          |
| 15                                                           | 36        | 0         |         | 22.79  | 22.50  | 23.16   |            |          |
| 15                                                           | 36        | 20        |         | 22.75  | 22.54  | 23.26   |            |          |
| 15                                                           | 36        | 39        |         | 22.59  | 22.58  | 23.08   |            |          |
| 15                                                           | 75        | 0         |         | 22.77  | 22.56  | 23.21   |            |          |
| 15                                                           | 1         | 0         | 16-QAM  | 22.66  | 22.53  | 23.17   | 16.13      | 0.0410   |
| 15                                                           | 1         | 37        |         | 22.63  | 22.46  | 23.06   |            |          |
| 15                                                           | 1         | 74        |         | 22.56  | 22.57  | 23.17   |            |          |
| 15                                                           | 36        | 0         |         | 21.76  | 21.52  | 22.26   |            |          |
| 15                                                           | 36        | 20        |         | 21.83  | 21.57  | 22.23   |            |          |
| 15                                                           | 36        | 39        |         | 21.62  | 21.55  | 22.09   |            |          |
| 15                                                           | 75        | 0         |         | 21.70  | 21.62  | 22.16   |            |          |
| 15                                                           | 1         | 0         | 64-QAM  | 21.65  | 21.56  | 22.21   | 15.17      | 0.0329   |
| 15                                                           | 1         | 37        |         | 21.60  | 21.47  | 22.08   |            |          |
| 15                                                           | 1         | 74        |         | 21.47  | 21.65  | 22.14   |            |          |
| 15                                                           | 36        | 0         |         | 20.77  | 20.56  | 21.21   |            |          |
| 15                                                           | 36        | 20        |         | 20.81  | 20.58  | 21.25   |            |          |
| 15                                                           | 36        | 39        |         | 20.63  | 20.60  | 21.10   |            |          |
| 15                                                           | 75        | 0         |         | 20.82  | 20.57  | 21.19   |            |          |
| 15                                                           | 1         | 0         | 256-QAM | 18.88  | 18.61  | 19.39   | 12.35      | 0.0172   |
| 15                                                           | 1         | 37        |         | 18.76  | 18.72  | 19.25   |            |          |
| 15                                                           | 1         | 74        |         | 18.68  | 18.80  | 19.14   |            |          |
| 15                                                           | 36        | 0         |         | 18.83  | 18.64  | 19.28   |            |          |
| 15                                                           | 36        | 20        |         | 18.85  | 18.68  | 19.27   |            |          |
| 15                                                           | 36        | 39        |         | 18.80  | 18.70  | 19.24   |            |          |
| 15                                                           | 75        | 0         |         | 18.84  | 18.70  | 19.26   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41 Maximum Average Power [dBm] (GT - LC = -7.04 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                           | 1         | 0         | QPSK    | 23.65  | 23.58  | 24.16   | 17.12      | 0.0515   |
| 10                                                           | 1         | 25        |         | 23.63  | 23.49  | 24.07   |            |          |
| 10                                                           | 1         | 49        |         | 23.52  | 23.55  | 24.05   |            |          |
| 10                                                           | 25        | 0         |         | 22.77  | 22.47  | 23.21   |            |          |
| 10                                                           | 25        | 12        |         | 22.76  | 22.59  | 23.17   |            |          |
| 10                                                           | 25        | 25        |         | 22.57  | 22.52  | 23.16   |            |          |
| 10                                                           | 50        | 0         |         | 22.76  | 22.53  | 23.18   |            |          |
| 10                                                           | 1         | 0         | 16-QAM  | 22.66  | 22.58  | 23.16   | 16.12      | 0.0409   |
| 10                                                           | 1         | 25        |         | 22.67  | 22.47  | 23.15   |            |          |
| 10                                                           | 1         | 49        |         | 22.56  | 22.51  | 23.11   |            |          |
| 10                                                           | 25        | 0         |         | 21.79  | 21.50  | 22.18   |            |          |
| 10                                                           | 25        | 12        |         | 21.83  | 21.59  | 22.18   |            |          |
| 10                                                           | 25        | 25        |         | 21.59  | 21.59  | 22.14   |            |          |
| 10                                                           | 50        | 0         |         | 21.75  | 21.57  | 22.23   |            |          |
| 10                                                           | 1         | 0         | 64-QAM  | 21.72  | 21.50  | 22.18   | 15.14      | 0.0327   |
| 10                                                           | 1         | 25        |         | 21.64  | 21.48  | 22.10   |            |          |
| 10                                                           | 1         | 49        |         | 21.49  | 21.64  | 22.12   |            |          |
| 10                                                           | 25        | 0         |         | 20.79  | 20.55  | 21.20   |            |          |
| 10                                                           | 25        | 12        |         | 20.82  | 20.58  | 21.19   |            |          |
| 10                                                           | 25        | 25        |         | 20.70  | 20.60  | 21.11   |            |          |
| 10                                                           | 50        | 0         |         | 20.75  | 20.67  | 21.24   |            |          |
| 10                                                           | 1         | 0         | 256-QAM | 18.95  | 18.55  | 19.31   | 12.27      | 0.0169   |
| 10                                                           | 1         | 25        |         | 18.78  | 18.77  | 19.23   |            |          |
| 10                                                           | 1         | 49        |         | 18.65  | 18.74  | 19.19   |            |          |
| 10                                                           | 25        | 0         |         | 18.85  | 18.63  | 19.23   |            |          |
| 10                                                           | 25        | 12        |         | 18.82  | 18.68  | 19.21   |            |          |
| 10                                                           | 25        | 25        |         | 18.76  | 18.69  | 19.17   |            |          |
| 10                                                           | 50        | 0         |         | 18.88  | 18.66  | 19.24   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 41 Maximum Average Power [dBm] (GT - LC = -7.04 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                            | 1         | 0         | QPSK    | 23.67  | 23.48  | 24.15   | 17.11      | 0.0514   |
| 5                                                            | 1         | 12        |         | 23.71  | 23.50  | 24.10   |            |          |
| 5                                                            | 1         | 24        |         | 23.58  | 23.48  | 24.12   |            |          |
| 5                                                            | 12        | 0         |         | 22.70  | 22.48  | 23.26   |            |          |
| 5                                                            | 12        | 7         |         | 22.79  | 22.55  | 23.20   |            |          |
| 5                                                            | 12        | 13        |         | 22.65  | 22.50  | 23.13   |            |          |
| 5                                                            | 25        | 0         |         | 22.73  | 22.60  | 23.27   |            |          |
| 5                                                            | 1         | 0         | 16-QAM  | 22.73  | 22.55  | 23.20   | 16.16      | 0.0413   |
| 5                                                            | 1         | 12        |         | 22.70  | 22.53  | 23.15   |            |          |
| 5                                                            | 1         | 24        |         | 22.52  | 22.59  | 23.11   |            |          |
| 5                                                            | 12        | 0         |         | 21.78  | 21.51  | 22.27   |            |          |
| 5                                                            | 12        | 7         |         | 21.77  | 21.63  | 22.17   |            |          |
| 5                                                            | 12        | 13        |         | 21.61  | 21.63  | 22.12   |            |          |
| 5                                                            | 25        | 0         |         | 21.79  | 21.60  | 22.25   |            |          |
| 5                                                            | 1         | 0         | 64-QAM  | 21.67  | 21.56  | 22.26   | 15.22      | 0.0333   |
| 5                                                            | 1         | 12        |         | 21.58  | 21.48  | 22.08   |            |          |
| 5                                                            | 1         | 24        |         | 21.50  | 21.61  | 22.13   |            |          |
| 5                                                            | 12        | 0         |         | 20.79  | 20.48  | 21.23   |            |          |
| 5                                                            | 12        | 7         |         | 20.77  | 20.67  | 21.25   |            |          |
| 5                                                            | 12        | 13        |         | 20.69  | 20.59  | 21.12   |            |          |
| 5                                                            | 25        | 0         |         | 20.80  | 20.57  | 21.23   |            |          |
| 5                                                            | 1         | 0         | 256-QAM | 18.89  | 18.58  | 19.33   | 12.29      | 0.0169   |
| 5                                                            | 1         | 12        |         | 18.72  | 18.72  | 19.24   |            |          |
| 5                                                            | 1         | 24        |         | 18.70  | 18.79  | 19.15   |            |          |
| 5                                                            | 12        | 0         |         | 18.84  | 18.59  | 19.28   |            |          |
| 5                                                            | 12        | 7         |         | 18.79  | 18.71  | 19.23   |            |          |
| 5                                                            | 12        | 13        |         | 18.74  | 18.63  | 19.18   |            |          |
| 5                                                            | 25        | 0         |         | 18.83  | 18.71  | 19.25   |            |          |
| Limit                                                        | EIRP < 2W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -7.04 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                           | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                                 | 1         | 0         | QPSK    | 25.63  | 25.51  | 26.09   | 19.05      | 0.0804   |
| 20                                                                 | 1         | 49        |         | 25.69  | 25.49  | 25.99   |            |          |
| 20                                                                 | 1         | 99        |         | 25.55  | 25.47  | 26.07   |            |          |
| 20                                                                 | 50        | 0         |         | 24.79  | 24.53  | 25.23   |            |          |
| 20                                                                 | 50        | 24        |         | 24.82  | 24.65  | 25.26   |            |          |
| 20                                                                 | 50        | 50        |         | 24.66  | 24.61  | 25.19   |            |          |
| 20                                                                 | 100       | 0         |         | 24.78  | 24.61  | 25.24   |            |          |
| 20                                                                 | 1         | 0         | 16-QAM  | 24.88  | 24.79  | 25.28   | 18.24      | 0.0667   |
| 20                                                                 | 1         | 49        |         | 24.95  | 24.81  | 25.26   |            |          |
| 20                                                                 | 1         | 99        |         | 24.89  | 24.86  | 25.28   |            |          |
| 20                                                                 | 50        | 0         |         | 23.82  | 23.52  | 24.26   |            |          |
| 20                                                                 | 50        | 24        |         | 23.80  | 23.63  | 24.25   |            |          |
| 20                                                                 | 50        | 50        |         | 23.67  | 23.60  | 24.14   |            |          |
| 20                                                                 | 100       | 0         |         | 23.77  | 23.59  | 24.22   |            |          |
| 20                                                                 | 1         | 0         | 64-QAM  | 24.06  | 23.82  | 24.25   | 17.21      | 0.0526   |
| 20                                                                 | 1         | 49        |         | 23.96  | 23.82  | 24.15   |            |          |
| 20                                                                 | 1         | 99        |         | 23.80  | 23.78  | 24.25   |            |          |
| 20                                                                 | 50        | 0         |         | 22.83  | 22.54  | 23.25   |            |          |
| 20                                                                 | 50        | 24        |         | 22.83  | 22.65  | 23.27   |            |          |
| 20                                                                 | 50        | 50        |         | 22.69  | 22.62  | 23.14   |            |          |
| 20                                                                 | 100       | 0         |         | 22.80  | 22.63  | 23.23   |            |          |
| 20                                                                 | 1         | 0         | 256-QAM | 21.03  | 20.75  | 21.43   | 14.39      | 0.0275   |
| 20                                                                 | 1         | 49        |         | 20.96  | 20.88  | 21.31   |            |          |
| 20                                                                 | 1         | 99        |         | 20.84  | 20.89  | 21.32   |            |          |
| 20                                                                 | 50        | 0         |         | 20.93  | 20.64  | 21.31   |            |          |
| 20                                                                 | 50        | 24        |         | 20.89  | 20.75  | 21.29   |            |          |
| 20                                                                 | 50        | 50        |         | 20.79  | 20.72  | 21.20   |            |          |
| 20                                                                 | 100       | 0         |         | 20.88  | 20.72  | 21.28   |            |          |
| Limit                                                              | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -7.04 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                           | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                                 | 1         | 0         | QPSK    | 25.52  | 25.39  | 25.97   | 18.93      | 0.0782   |
| 15                                                                 | 1         | 37        |         | 25.55  | 25.31  | 25.88   |            |          |
| 15                                                                 | 1         | 74        |         | 25.44  | 25.30  | 25.88   |            |          |
| 15                                                                 | 36        | 0         |         | 24.61  | 24.43  | 25.13   |            |          |
| 15                                                                 | 36        | 20        |         | 24.62  | 24.54  | 25.07   |            |          |
| 15                                                                 | 36        | 39        |         | 24.53  | 24.49  | 24.99   |            |          |
| 15                                                                 | 75        | 0         |         | 24.66  | 24.42  | 25.11   |            |          |
| 15                                                                 | 1         | 0         | 16-QAM  | 24.70  | 24.60  | 25.27   | 18.23      | 0.0665   |
| 15                                                                 | 1         | 37        |         | 24.84  | 24.66  | 25.21   |            |          |
| 15                                                                 | 1         | 74        |         | 24.77  | 24.75  | 25.14   |            |          |
| 15                                                                 | 36        | 0         |         | 23.65  | 23.39  | 24.06   |            |          |
| 15                                                                 | 36        | 20        |         | 23.68  | 23.43  | 24.11   |            |          |
| 15                                                                 | 36        | 39        |         | 23.55  | 23.44  | 24.00   |            |          |
| 15                                                                 | 75        | 0         |         | 23.62  | 23.44  | 24.02   |            |          |
| 15                                                                 | 1         | 0         | 64-QAM  | 23.93  | 23.69  | 24.24   | 17.26      | 0.0532   |
| 15                                                                 | 1         | 37        |         | 23.77  | 23.72  | 24.30   |            |          |
| 15                                                                 | 1         | 74        |         | 23.61  | 23.62  | 24.22   |            |          |
| 15                                                                 | 36        | 0         |         | 22.65  | 22.44  | 23.08   |            |          |
| 15                                                                 | 36        | 20        |         | 22.73  | 22.49  | 23.09   |            |          |
| 15                                                                 | 36        | 39        |         | 22.52  | 22.45  | 22.94   |            |          |
| 15                                                                 | 75        | 0         |         | 22.69  | 22.45  | 23.09   |            |          |
| 15                                                                 | 1         | 0         | 256-QAM | 20.85  | 20.63  | 21.24   | 14.20      | 0.0263   |
| 15                                                                 | 1         | 37        |         | 20.82  | 20.70  | 21.15   |            |          |
| 15                                                                 | 1         | 74        |         | 20.65  | 20.71  | 21.21   |            |          |
| 15                                                                 | 36        | 0         |         | 20.75  | 20.49  | 21.15   |            |          |
| 15                                                                 | 36        | 20        |         | 20.79  | 20.56  | 21.14   |            |          |
| 15                                                                 | 36        | 39        |         | 20.59  | 20.59  | 21.05   |            |          |
| 15                                                                 | 75        | 0         |         | 20.78  | 20.54  | 21.08   |            |          |
| Limit                                                              | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -7.04 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                           | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                                 | 1         | 0         | QPSK    | 25.53  | 25.33  | 25.94   | 18.90      | 0.0776   |
| 10                                                                 | 1         | 25        |         | 25.54  | 25.31  | 25.80   |            |          |
| 10                                                                 | 1         | 49        |         | 25.45  | 25.31  | 25.88   |            |          |
| 10                                                                 | 25        | 0         |         | 24.68  | 24.34  | 25.10   |            |          |
| 10                                                                 | 25        | 12        |         | 24.68  | 24.51  | 25.09   |            |          |
| 10                                                                 | 25        | 25        |         | 24.49  | 24.47  | 25.05   |            |          |
| 10                                                                 | 50        | 0         |         | 24.65  | 24.46  | 25.13   |            |          |
| 10                                                                 | 1         | 0         | 16-QAM  | 24.70  | 24.65  | 25.23   | 18.20      | 0.0661   |
| 10                                                                 | 1         | 25        |         | 24.83  | 24.63  | 25.21   |            |          |
| 10                                                                 | 1         | 49        |         | 24.71  | 24.72  | 25.24   |            |          |
| 10                                                                 | 25        | 0         |         | 23.69  | 23.33  | 24.10   |            |          |
| 10                                                                 | 25        | 12        |         | 23.68  | 23.49  | 24.15   |            |          |
| 10                                                                 | 25        | 25        |         | 23.54  | 23.40  | 24.03   |            |          |
| 10                                                                 | 50        | 0         |         | 23.62  | 23.47  | 24.09   |            |          |
| 10                                                                 | 1         | 0         | 64-QAM  | 23.91  | 23.63  | 24.24   | 17.20      | 0.0525   |
| 10                                                                 | 1         | 25        |         | 23.86  | 23.64  | 24.22   |            |          |
| 10                                                                 | 1         | 49        |         | 23.68  | 23.65  | 24.20   |            |          |
| 10                                                                 | 25        | 0         |         | 22.69  | 22.37  | 23.10   |            |          |
| 10                                                                 | 25        | 12        |         | 22.66  | 22.51  | 23.08   |            |          |
| 10                                                                 | 25        | 25        |         | 22.53  | 22.49  | 22.95   |            |          |
| 10                                                                 | 50        | 0         |         | 22.63  | 22.49  | 23.10   |            |          |
| 10                                                                 | 1         | 0         | 256-QAM | 20.89  | 20.55  | 21.24   | 14.20      | 0.0263   |
| 10                                                                 | 1         | 25        |         | 20.77  | 20.78  | 21.18   |            |          |
| 10                                                                 | 1         | 49        |         | 20.67  | 20.75  | 21.19   |            |          |
| 10                                                                 | 25        | 0         |         | 20.79  | 20.53  | 21.20   |            |          |
| 10                                                                 | 25        | 12        |         | 20.70  | 20.65  | 21.14   |            |          |
| 10                                                                 | 25        | 25        |         | 20.59  | 20.58  | 21.00   |            |          |
| 10                                                                 | 50        | 0         |         | 20.76  | 20.53  | 21.17   |            |          |
| Limit                                                              | EIRP < 2W |           |         | Result |        |         | Pass       |          |





| LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -7.04 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                           | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                                  | 1         | 0         | QPSK    | 25.48  | 25.31  | 25.92   | 18.92      | 0.0780   |
| 5                                                                  | 1         | 12        |         | 25.57  | 25.35  | 25.79   |            |          |
| 5                                                                  | 1         | 24        |         | 25.39  | 25.34  | 25.96   |            |          |
| 5                                                                  | 12        | 0         |         | 24.69  | 24.38  | 25.13   |            |          |
| 5                                                                  | 12        | 7         |         | 24.69  | 24.47  | 25.09   |            |          |
| 5                                                                  | 12        | 13        |         | 24.48  | 24.48  | 25.06   |            |          |
| 5                                                                  | 25        | 0         |         | 24.68  | 24.50  | 25.06   |            |          |
| 5                                                                  | 1         | 0         | 16-QAM  | 24.76  | 24.64  | 25.19   | 18.23      | 0.0665   |
| 5                                                                  | 1         | 12        |         | 24.85  | 24.70  | 25.16   |            |          |
| 5                                                                  | 1         | 24        |         | 24.70  | 24.67  | 25.27   |            |          |
| 5                                                                  | 12        | 0         |         | 23.62  | 23.36  | 24.14   |            |          |
| 5                                                                  | 12        | 7         |         | 23.70  | 23.46  | 24.06   |            |          |
| 5                                                                  | 12        | 13        |         | 23.57  | 23.42  | 23.98   |            |          |
| 5                                                                  | 25        | 0         |         | 23.65  | 23.41  | 24.12   |            |          |
| 5                                                                  | 1         | 0         | 64-QAM  | 23.91  | 23.67  | 24.29   | 17.25      | 0.0531   |
| 5                                                                  | 1         | 12        |         | 23.77  | 23.64  | 24.28   |            |          |
| 5                                                                  | 1         | 24        |         | 23.61  | 23.66  | 24.23   |            |          |
| 5                                                                  | 12        | 0         |         | 22.66  | 22.43  | 23.12   |            |          |
| 5                                                                  | 12        | 7         |         | 22.70  | 22.49  | 23.08   |            |          |
| 5                                                                  | 12        | 13        |         | 22.49  | 22.49  | 22.97   |            |          |
| 5                                                                  | 25        | 0         |         | 22.70  | 22.45  | 23.09   |            |          |
| 5                                                                  | 1         | 0         | 256-QAM | 20.86  | 20.59  | 21.31   | 14.27      | 0.0267   |
| 5                                                                  | 1         | 12        |         | 20.79  | 20.75  | 21.19   |            |          |
| 5                                                                  | 1         | 24        |         | 20.67  | 20.69  | 21.17   |            |          |
| 5                                                                  | 12        | 0         |         | 20.82  | 20.47  | 21.13   |            |          |
| 5                                                                  | 12        | 7         |         | 20.75  | 20.64  | 21.11   |            |          |
| 5                                                                  | 12        | 13        |         | 20.62  | 20.53  | 21.07   |            |          |
| 5                                                                  | 25        | 0         |         | 20.69  | 20.54  | 21.08   |            |          |
| Limit                                                              | EIRP < 2W |           |         | Result |        |         | Pass       |          |



| LTE Band 30 Maximum Average Power [dBm] (GT - LC = -2.26 dB) |                   |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size           | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                           | 1                 | 0         | QPSK    | -      | 23.85  | -       | 21.59      | 0.1442   |
| 10                                                           | 1                 | 25        |         |        | 23.79  |         |            |          |
| 10                                                           | 1                 | 49        |         |        | 23.74  |         |            |          |
| 10                                                           | 25                | 0         |         |        | 22.89  |         |            |          |
| 10                                                           | 25                | 12        |         |        | 22.82  |         |            |          |
| 10                                                           | 25                | 25        |         |        | 22.79  |         |            |          |
| 10                                                           | 50                | 0         |         |        | 22.77  |         |            |          |
| 10                                                           | 1                 | 0         | 16-QAM  |        | 23.10  |         | 20.84      | 0.1213   |
| 10                                                           | 1                 | 25        |         |        | 23.03  |         |            |          |
| 10                                                           | 1                 | 49        |         |        | 22.93  |         |            |          |
| 10                                                           | 25                | 0         |         |        | 21.87  |         |            |          |
| 10                                                           | 25                | 12        |         |        | 21.79  |         |            |          |
| 10                                                           | 25                | 25        |         |        | 21.77  |         |            |          |
| 10                                                           | 50                | 0         |         |        | 21.76  |         |            |          |
| 10                                                           | 1                 | 0         | 64-QAM  |        | 22.05  |         | 19.79      | 0.0953   |
| 10                                                           | 1                 | 25        |         |        | 22.04  |         |            |          |
| 10                                                           | 1                 | 49        |         |        | 21.89  |         |            |          |
| 10                                                           | 25                | 0         |         |        | 20.91  |         |            |          |
| 10                                                           | 25                | 12        |         |        | 20.83  |         |            |          |
| 10                                                           | 25                | 25        |         |        | 20.80  |         |            |          |
| 10                                                           | 50                | 0         |         |        | 20.82  |         |            |          |
| 10                                                           | 1                 | 0         | 256-QAM |        | 18.91  |         | 16.67      | 0.0465   |
| 10                                                           | 1                 | 25        |         |        | 18.93  |         |            |          |
| 10                                                           | 1                 | 49        |         |        | 18.81  |         |            |          |
| 10                                                           | 25                | 0         |         |        | 18.85  |         |            |          |
| 10                                                           | 25                | 12        |         |        | 18.85  |         |            |          |
| 10                                                           | 25                | 25        |         |        | 18.78  |         |            |          |
| 10                                                           | 50                | 0         |         |        | 18.80  |         |            |          |
| Limit                                                        | EIRP < 250mW/5MHz |           |         | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.



| LTE Band 30 Maximum Average Power [dBm] (GT - LC = -2.26 dB) |                   |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-------------------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size           | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                            | 1                 | 0         | QPSK    | 23.75  | 23.74  | 23.74   | 21.49      | 0.1409   |
| 5                                                            | 1                 | 12        |         | 23.69  | 23.59  | 23.69   |            |          |
| 5                                                            | 1                 | 24        |         | 23.60  | 23.56  | 23.60   |            |          |
| 5                                                            | 12                | 0         |         | 22.75  | 22.76  | 22.72   |            |          |
| 5                                                            | 12                | 7         |         | 22.71  | 22.72  | 22.64   |            |          |
| 5                                                            | 12                | 13        |         | 22.64  | 22.67  | 22.63   |            |          |
| 5                                                            | 25                | 0         |         | 22.58  | 22.61  | 22.57   |            |          |
| 5                                                            | 1                 | 0         | 16-QAM  | 22.96  | 22.99  | 22.95   | 20.73      | 0.1183   |
| 5                                                            | 1                 | 12        |         | 22.89  | 22.92  | 22.88   |            |          |
| 5                                                            | 1                 | 24        |         | 22.78  | 22.74  | 22.80   |            |          |
| 5                                                            | 12                | 0         |         | 21.70  | 21.72  | 21.71   |            |          |
| 5                                                            | 12                | 7         |         | 21.69  | 21.63  | 21.68   |            |          |
| 5                                                            | 12                | 13        |         | 21.65  | 21.57  | 21.59   |            |          |
| 5                                                            | 25                | 0         |         | 21.58  | 21.56  | 21.60   |            |          |
| 5                                                            | 1                 | 0         | 64-QAM  | 21.95  | 21.86  | 21.95   | 19.69      | 0.0931   |
| 5                                                            | 1                 | 12        |         | 21.91  | 21.92  | 21.88   |            |          |
| 5                                                            | 1                 | 24        |         | 21.76  | 21.77  | 21.74   |            |          |
| 5                                                            | 12                | 0         |         | 20.76  | 20.71  | 20.76   |            |          |
| 5                                                            | 12                | 7         |         | 20.70  | 20.69  | 20.72   |            |          |
| 5                                                            | 12                | 13        |         | 20.60  | 20.68  | 20.63   |            |          |
| 5                                                            | 25                | 0         |         | 20.69  | 20.65  | 20.71   |            |          |
| 5                                                            | 1                 | 0         | 256-QAM | 18.80  | 18.78  | 18.79   | 16.54      | 0.0451   |
| 5                                                            | 1                 | 12        |         | 18.80  | 18.77  | 18.80   |            |          |
| 5                                                            | 1                 | 24        |         | 18.64  | 18.70  | 18.71   |            |          |
| 5                                                            | 12                | 0         |         | 18.65  | 18.70  | 18.65   |            |          |
| 5                                                            | 12                | 7         |         | 18.73  | 18.70  | 18.74   |            |          |
| 5                                                            | 12                | 13        |         | 18.67  | 18.58  | 18.60   |            |          |
| 5                                                            | 25                | 0         |         | 18.62  | 18.70  | 18.60   |            |          |
| Limit                                                        | EIRP < 250mW/5MHz |           |         | Result |        |         | Pass       |          |

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 20                                                           | 1         | 0         | QPSK    | 23.76  | 24.10  | 23.99   | 23.83      | 0.2415   |
| 20                                                           | 1         | 49        |         | 23.75  | 24.03  | 23.93   |            |          |
| 20                                                           | 1         | 99        |         | 23.74  | 24.04  | 23.91   |            |          |
| 20                                                           | 50        | 0         |         | 22.76  | 23.06  | 23.05   |            |          |
| 20                                                           | 50        | 24        |         | 22.81  | 23.03  | 23.05   |            |          |
| 20                                                           | 50        | 50        |         | 22.86  | 23.15  | 23.14   |            |          |
| 20                                                           | 100       | 0         |         | 22.82  | 23.03  | 23.01   |            |          |
| 20                                                           | 1         | 0         | 16-QAM  | 22.99  | 23.21  | 23.34   | 23.11      | 0.2046   |
| 20                                                           | 1         | 49        |         | 23.07  | 23.28  | 23.38   |            |          |
| 20                                                           | 1         | 99        |         | 23.16  | 23.38  | 23.17   |            |          |
| 20                                                           | 50        | 0         |         | 21.79  | 22.01  | 22.03   |            |          |
| 20                                                           | 50        | 24        |         | 21.83  | 22.07  | 22.06   |            |          |
| 20                                                           | 50        | 50        |         | 21.86  | 22.13  | 22.10   |            |          |
| 20                                                           | 100       | 0         |         | 21.86  | 22.06  | 22.06   |            |          |
| 20                                                           | 1         | 0         | 64-QAM  | 22.08  | 22.12  | 22.27   | 22.00      | 0.1585   |
| 20                                                           | 1         | 49        |         | 21.91  | 22.21  | 22.19   |            |          |
| 20                                                           | 1         | 99        |         | 22.10  | 22.17  | 22.25   |            |          |
| 20                                                           | 50        | 0         |         | 20.83  | 21.07  | 21.09   |            |          |
| 20                                                           | 50        | 24        |         | 20.90  | 21.06  | 21.06   |            |          |
| 20                                                           | 50        | 50        |         | 20.91  | 21.11  | 21.14   |            |          |
| 20                                                           | 100       | 0         |         | 20.86  | 21.11  | 21.07   |            |          |
| 20                                                           | 1         | 0         | 256-QAM | 18.84  | 18.94  | 19.19   | 18.92      | 0.0780   |
| 20                                                           | 1         | 49        |         | 18.98  | 19.14  | 19.08   |            |          |
| 20                                                           | 1         | 99        |         | 19.03  | 19.15  | 19.12   |            |          |
| 20                                                           | 50        | 0         |         | 18.83  | 19.07  | 19.10   |            |          |
| 20                                                           | 50        | 24        |         | 18.89  | 19.10  | 19.09   |            |          |
| 20                                                           | 50        | 50        |         | 18.93  | 19.14  | 19.14   |            |          |
| 20                                                           | 100       | 0         |         | 18.88  | 19.10  | 19.08   |            |          |
| Limit                                                        | EIRP < 1W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 15                                                           | 1         | 0         | QPSK    | 23.63  | 24.00  | 23.84   | 23.73      | 0.2360   |
| 15                                                           | 1         | 37        |         | 23.61  | 23.90  | 23.81   |            |          |
| 15                                                           | 1         | 74        |         | 23.57  | 23.92  | 23.80   |            |          |
| 15                                                           | 36        | 0         |         | 22.56  | 22.93  | 22.94   |            |          |
| 15                                                           | 36        | 20        |         | 22.63  | 22.86  | 22.85   |            |          |
| 15                                                           | 36        | 39        |         | 22.67  | 23.05  | 22.95   |            |          |
| 15                                                           | 75        | 0         |         | 22.66  | 22.84  | 22.83   |            |          |
| 15                                                           | 1         | 0         | 16-QAM  | 22.80  | 23.04  | 23.18   | 22.99      | 0.1991   |
| 15                                                           | 1         | 37        |         | 22.90  | 23.13  | 23.23   |            |          |
| 15                                                           | 1         | 74        |         | 22.97  | 23.26  | 23.04   |            |          |
| 15                                                           | 36        | 0         |         | 21.65  | 21.90  | 21.88   |            |          |
| 15                                                           | 36        | 20        |         | 21.69  | 21.93  | 21.88   |            |          |
| 15                                                           | 36        | 39        |         | 21.70  | 21.98  | 21.93   |            |          |
| 15                                                           | 75        | 0         |         | 21.67  | 21.86  | 21.87   |            |          |
| 15                                                           | 1         | 0         | 64-QAM  | 21.98  | 22.00  | 22.16   | 21.89      | 0.1545   |
| 15                                                           | 1         | 37        |         | 21.74  | 22.01  | 22.03   |            |          |
| 15                                                           | 1         | 74        |         | 21.95  | 22.02  | 22.11   |            |          |
| 15                                                           | 36        | 0         |         | 20.65  | 20.90  | 20.92   |            |          |
| 15                                                           | 36        | 20        |         | 20.77  | 20.89  | 20.95   |            |          |
| 15                                                           | 36        | 39        |         | 20.73  | 20.92  | 20.97   |            |          |
| 15                                                           | 75        | 0         |         | 20.73  | 20.96  | 20.97   |            |          |
| 15                                                           | 1         | 0         | 256-QAM | 18.72  | 18.81  | 19.05   | 18.78      | 0.0755   |
| 15                                                           | 1         | 37        |         | 18.84  | 18.94  | 18.93   |            |          |
| 15                                                           | 1         | 74        |         | 18.83  | 19.02  | 18.94   |            |          |
| 15                                                           | 36        | 0         |         | 18.68  | 18.94  | 18.92   |            |          |
| 15                                                           | 36        | 20        |         | 18.74  | 18.97  | 18.99   |            |          |
| 15                                                           | 36        | 39        |         | 18.77  | 18.97  | 19.01   |            |          |
| 15                                                           | 75        | 0         |         | 18.74  | 18.91  | 18.97   |            |          |
| Limit                                                        | EIRP < 1W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 10                                                           | 1         | 0         | QPSK    | 23.65  | 23.91  | 23.87   | 23.64      | 0.2312   |
| 10                                                           | 1         | 25        |         | 23.65  | 23.88  | 23.83   |            |          |
| 10                                                           | 1         | 49        |         | 23.57  | 23.87  | 23.80   |            |          |
| 10                                                           | 25        | 0         |         | 22.64  | 22.89  | 22.93   |            |          |
| 10                                                           | 25        | 12        |         | 22.66  | 22.83  | 22.90   |            |          |
| 10                                                           | 25        | 25        |         | 22.68  | 23.03  | 23.01   |            |          |
| 10                                                           | 50        | 0         |         | 22.70  | 22.90  | 22.82   |            |          |
| 10                                                           | 1         | 0         | 16-QAM  | 22.88  | 23.06  | 23.24   | 23.01      | 0.2000   |
| 10                                                           | 1         | 25        |         | 22.87  | 23.10  | 23.22   |            |          |
| 10                                                           | 1         | 49        |         | 22.96  | 23.28  | 22.99   |            |          |
| 10                                                           | 25        | 0         |         | 21.64  | 21.90  | 21.92   |            |          |
| 10                                                           | 25        | 12        |         | 21.70  | 21.92  | 21.86   |            |          |
| 10                                                           | 25        | 25        |         | 21.76  | 22.03  | 22.00   |            |          |
| 10                                                           | 50        | 0         |         | 21.76  | 21.91  | 21.91   |            |          |
| 10                                                           | 1         | 0         | 64-QAM  | 21.96  | 21.93  | 22.08   | 21.83      | 0.1524   |
| 10                                                           | 1         | 25        |         | 21.81  | 22.06  | 21.99   |            |          |
| 10                                                           | 1         | 49        |         | 21.99  | 22.00  | 22.10   |            |          |
| 10                                                           | 25        | 0         |         | 20.69  | 20.90  | 20.90   |            |          |
| 10                                                           | 25        | 12        |         | 20.73  | 20.96  | 20.90   |            |          |
| 10                                                           | 25        | 25        |         | 20.74  | 20.98  | 20.94   |            |          |
| 10                                                           | 50        | 0         |         | 20.76  | 20.96  | 20.89   |            |          |
| 10                                                           | 1         | 0         | 256-QAM | 18.71  | 18.81  | 19.03   | 18.78      | 0.0755   |
| 10                                                           | 1         | 25        |         | 18.84  | 18.98  | 18.91   |            |          |
| 10                                                           | 1         | 49        |         | 18.89  | 19.05  | 18.94   |            |          |
| 10                                                           | 25        | 0         |         | 18.64  | 18.97  | 18.90   |            |          |
| 10                                                           | 25        | 12        |         | 18.75  | 18.98  | 18.94   |            |          |
| 10                                                           | 25        | 25        |         | 18.82  | 18.94  | 19.01   |            |          |
| 10                                                           | 50        | 0         |         | 18.74  | 18.91  | 18.96   |            |          |
| Limit                                                        | EIRP < 1W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 5                                                            | 1         | 0         | QPSK    | 23.56  | 23.99  | 23.80   | 23.72      | 0.2355   |
| 5                                                            | 1         | 12        |         | 23.55  | 23.83  | 23.76   |            |          |
| 5                                                            | 1         | 24        |         | 23.54  | 23.86  | 23.73   |            |          |
| 5                                                            | 12        | 0         |         | 22.66  | 22.87  | 22.91   |            |          |
| 5                                                            | 12        | 7         |         | 22.68  | 22.90  | 22.95   |            |          |
| 5                                                            | 12        | 13        |         | 22.70  | 22.97  | 22.98   |            |          |
| 5                                                            | 25        | 0         |         | 22.63  | 22.88  | 22.86   |            |          |
| 5                                                            | 1         | 0         | 16-QAM  | 22.80  | 23.07  | 23.15   | 23.00      | 0.1995   |
| 5                                                            | 1         | 12        |         | 22.97  | 23.11  | 23.27   |            |          |
| 5                                                            | 1         | 24        |         | 23.00  | 23.20  | 22.97   |            |          |
| 5                                                            | 12        | 0         |         | 21.69  | 21.90  | 21.87   |            |          |
| 5                                                            | 12        | 7         |         | 21.71  | 21.92  | 21.94   |            |          |
| 5                                                            | 12        | 13        |         | 21.71  | 22.00  | 21.99   |            |          |
| 5                                                            | 25        | 0         |         | 21.67  | 21.92  | 21.90   |            |          |
| 5                                                            | 1         | 0         | 64-QAM  | 21.90  | 21.92  | 22.09   | 21.84      | 0.1528   |
| 5                                                            | 1         | 12        |         | 21.71  | 22.11  | 22.04   |            |          |
| 5                                                            | 1         | 24        |         | 21.97  | 22.06  | 22.05   |            |          |
| 5                                                            | 12        | 0         |         | 20.68  | 20.91  | 20.96   |            |          |
| 5                                                            | 12        | 7         |         | 20.72  | 20.90  | 20.90   |            |          |
| 5                                                            | 12        | 13        |         | 20.76  | 21.00  | 20.96   |            |          |
| 5                                                            | 25        | 0         |         | 20.72  | 20.93  | 20.89   |            |          |
| 5                                                            | 1         | 0         | 256-QAM | 18.73  | 18.83  | 19.04   | 18.77      | 0.0753   |
| 5                                                            | 1         | 12        |         | 18.80  | 19.00  | 18.98   |            |          |
| 5                                                            | 1         | 24        |         | 18.90  | 19.01  | 18.99   |            |          |
| 5                                                            | 12        | 0         |         | 18.73  | 18.90  | 18.97   |            |          |
| 5                                                            | 12        | 7         |         | 18.69  | 18.99  | 18.96   |            |          |
| 5                                                            | 12        | 13        |         | 18.79  | 18.99  | 18.95   |            |          |
| 5                                                            | 25        | 0         |         | 18.68  | 18.92  | 18.96   |            |          |
| Limit                                                        | EIRP < 1W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 3                                                            | 1         | 0         | QPSK    | 23.63  | 23.95  | 23.81   | 23.68      | 0.2333   |
| 3                                                            | 1         | 8         |         | 23.65  | 23.92  | 23.76   |            |          |
| 3                                                            | 1         | 14        |         | 23.57  | 23.92  | 23.74   |            |          |
| 3                                                            | 8         | 0         |         | 22.57  | 22.96  | 22.87   |            |          |
| 3                                                            | 8         | 4         |         | 22.71  | 22.89  | 22.92   |            |          |
| 3                                                            | 8         | 7         |         | 22.75  | 23.05  | 23.04   |            |          |
| 3                                                            | 15        | 0         |         | 22.65  | 22.84  | 22.83   |            |          |
| 3                                                            | 1         | 0         | 16-QAM  | 22.86  | 23.04  | 23.18   | 22.99      | 0.1991   |
| 3                                                            | 1         | 8         |         | 22.92  | 23.13  | 23.19   |            |          |
| 3                                                            | 1         | 14        |         | 23.02  | 23.26  | 23.07   |            |          |
| 3                                                            | 8         | 0         |         | 21.60  | 21.83  | 21.91   |            |          |
| 3                                                            | 8         | 4         |         | 21.70  | 21.93  | 21.86   |            |          |
| 3                                                            | 8         | 7         |         | 21.72  | 21.97  | 22.00   |            |          |
| 3                                                            | 15        | 0         |         | 21.76  | 21.86  | 21.94   |            |          |
| 3                                                            | 1         | 0         | 64-QAM  | 21.93  | 22.01  | 22.14   | 21.87      | 0.1538   |
| 3                                                            | 1         | 8         |         | 21.78  | 22.04  | 22.08   |            |          |
| 3                                                            | 1         | 14        |         | 21.93  | 21.97  | 22.07   |            |          |
| 3                                                            | 8         | 0         |         | 20.63  | 20.94  | 20.95   |            |          |
| 3                                                            | 8         | 4         |         | 20.79  | 20.86  | 20.89   |            |          |
| 3                                                            | 8         | 7         |         | 20.81  | 20.96  | 21.00   |            |          |
| 3                                                            | 15        | 0         |         | 20.74  | 20.93  | 20.90   |            |          |
| 3                                                            | 1         | 0         | 256-QAM | 18.72  | 18.82  | 19.08   | 18.81      | 0.0760   |
| 3                                                            | 1         | 8         |         | 18.82  | 19.00  | 18.90   |            |          |
| 3                                                            | 1         | 14        |         | 18.91  | 19.01  | 18.92   |            |          |
| 3                                                            | 8         | 0         |         | 18.63  | 18.89  | 19.00   |            |          |
| 3                                                            | 8         | 4         |         | 18.75  | 18.95  | 18.99   |            |          |
| 3                                                            | 8         | 7         |         | 18.81  | 18.99  | 18.95   |            |          |
| 3                                                            | 15        | 0         |         | 18.74  | 19.00  | 18.88   |            |          |
| Limit                                                        | EIRP < 1W |           |         | Result |        |         | Pass       |          |





# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 66 Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |         |        |        |         |            |          |
|--------------------------------------------------------------|-----------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                     | RB Size   | RB Offset | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
| 1.4                                                          | 1         | 0         | QPSK    | 23.56  | 23.99  | 23.85   | 23.72      | 0.2355   |
| 1.4                                                          | 1         | 3         |         | 23.62  | 23.86  | 23.79   |            |          |
| 1.4                                                          | 1         | 5         |         | 23.56  | 23.94  | 23.79   |            |          |
| 1.4                                                          | 3         | 0         |         | 23.41  | 23.87  | 23.72   |            |          |
| 1.4                                                          | 3         | 1         |         | 23.43  | 23.76  | 23.68   |            |          |
| 1.4                                                          | 3         | 3         |         | 23.45  | 23.74  | 23.64   |            |          |
| 1.4                                                          | 6         | 0         |         | 22.58  | 22.89  | 22.89   |            |          |
| 1.4                                                          | 1         | 0         | 16-QAM  | 22.69  | 22.92  | 22.89   | 22.96      | 0.1977   |
| 1.4                                                          | 1         | 3         |         | 22.70  | 23.00  | 23.00   |            |          |
| 1.4                                                          | 1         | 5         |         | 22.62  | 22.86  | 22.82   |            |          |
| 1.4                                                          | 3         | 0         |         | 22.80  | 23.02  | 23.23   |            |          |
| 1.4                                                          | 3         | 1         |         | 22.92  | 23.15  | 23.19   |            |          |
| 1.4                                                          | 3         | 3         |         | 23.06  | 23.19  | 22.97   |            |          |
| 1.4                                                          | 6         | 0         |         | 21.66  | 21.85  | 21.90   |            |          |
| 1.4                                                          | 1         | 0         | 64-QAM  | 21.65  | 21.87  | 21.90   | 21.89      | 0.1545   |
| 1.4                                                          | 1         | 3         |         | 21.69  | 21.97  | 22.00   |            |          |
| 1.4                                                          | 1         | 5         |         | 21.70  | 21.92  | 21.90   |            |          |
| 1.4                                                          | 3         | 0         |         | 21.90  | 21.98  | 22.16   |            |          |
| 1.4                                                          | 3         | 1         |         | 21.74  | 22.07  | 22.00   |            |          |
| 1.4                                                          | 3         | 3         |         | 21.94  | 22.00  | 22.15   |            |          |
| 1.4                                                          | 6         | 0         |         | 20.71  | 20.94  | 20.99   |            |          |
| 1.4                                                          | 1         | 0         | 256-QAM | 18.67  | 18.81  | 19.02   | 18.77      | 0.0753   |
| 1.4                                                          | 1         | 3         |         | 18.79  | 19.03  | 18.93   |            |          |
| 1.4                                                          | 1         | 5         |         | 18.83  | 18.98  | 19.02   |            |          |
| 1.4                                                          | 3         | 0         |         | 18.70  | 18.92  | 19.00   |            |          |
| 1.4                                                          | 3         | 1         |         | 18.71  | 18.96  | 18.95   |            |          |
| 1.4                                                          | 3         | 3         |         | 18.78  | 19.04  | 19.01   |            |          |
| 1.4                                                          | 6         | 0         |         | 18.70  | 18.94  | 18.97   |            |          |
| Limit                                                        | EIRP < 1W |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.32 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 20                                                           | 1        | 0         | QPSK    | 23.54  | 23.65  | 23.64   | 20.18     | 0.1042  |
| 20                                                           | 1        | 49        |         | 23.48  | 23.60  | 23.62   |           |         |
| 20                                                           | 1        | 99        |         | 23.50  | 23.56  | 23.58   |           |         |
| 20                                                           | 50       | 0         |         | 22.53  | 22.63  | 22.66   |           |         |
| 20                                                           | 50       | 24        |         | 22.58  | 22.58  | 22.67   |           |         |
| 20                                                           | 50       | 50        |         | 22.60  | 22.69  | 22.68   |           |         |
| 20                                                           | 100      | 0         |         | 22.57  | 22.65  | 22.64   |           |         |
| 20                                                           | 1        | 0         | 16-QAM  | 22.76  | 22.92  | 22.89   | 19.53     | 0.0897  |
| 20                                                           | 1        | 49        |         | 22.72  | 23.00  | 22.93   |           |         |
| 20                                                           | 1        | 99        |         | 22.82  | 22.93  | 22.93   |           |         |
| 20                                                           | 50       | 0         |         | 21.50  | 21.58  | 21.60   |           |         |
| 20                                                           | 50       | 24        |         | 21.58  | 21.69  | 21.66   |           |         |
| 20                                                           | 50       | 50        |         | 21.58  | 21.69  | 21.75   |           |         |
| 20                                                           | 100      | 0         |         | 21.59  | 21.67  | 21.70   |           |         |
| 20                                                           | 1        | 0         | 64-QAM  | 21.75  | 21.65  | 21.81   | 18.44     | 0.0698  |
| 20                                                           | 1        | 49        |         | 21.58  | 21.82  | 21.91   |           |         |
| 20                                                           | 1        | 99        |         | 21.61  | 21.85  | 21.73   |           |         |
| 20                                                           | 50       | 0         |         | 20.50  | 20.59  | 20.64   |           |         |
| 20                                                           | 50       | 24        |         | 20.58  | 20.66  | 20.65   |           |         |
| 20                                                           | 50       | 50        |         | 20.55  | 20.70  | 20.74   |           |         |
| 20                                                           | 100      | 0         |         | 20.57  | 20.61  | 20.74   |           |         |
| 20                                                           | 1        | 0         | 256-QAM | 18.64  | 18.67  | 18.75   | 15.42     | 0.0348  |
| 20                                                           | 1        | 49        |         | 18.60  | 18.68  | 18.82   |           |         |
| 20                                                           | 1        | 99        |         | 18.75  | 18.87  | 18.89   |           |         |
| 20                                                           | 50       | 0         |         | 18.55  | 18.67  | 18.72   |           |         |
| 20                                                           | 50       | 24        |         | 18.56  | 18.70  | 18.75   |           |         |
| 20                                                           | 50       | 50        |         | 18.61  | 18.75  | 18.78   |           |         |
| 20                                                           | 100      | 0         |         | 18.66  | 18.69  | 18.77   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.32 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15                                                           | 1        | 0         | QPSK    | 23.38  | 23.46  | 23.54   | 20.07     | 0.1016  |
| 15                                                           | 1        | 37        |         | 23.37  | 23.45  | 23.47   |           |         |
| 15                                                           | 1        | 74        |         | 23.34  | 23.39  | 23.43   |           |         |
| 15                                                           | 36       | 0         |         | 22.33  | 22.50  | 22.51   |           |         |
| 15                                                           | 36       | 20        |         | 22.44  | 22.46  | 22.55   |           |         |
| 15                                                           | 36       | 39        |         | 22.45  | 22.51  | 22.49   |           |         |
| 15                                                           | 75       | 0         |         | 22.37  | 22.54  | 22.54   |           |         |
| 15                                                           | 1        | 0         | 16-QAM  | 22.65  | 22.75  | 22.71   | 19.42     | 0.0875  |
| 15                                                           | 1        | 37        |         | 22.57  | 22.89  | 22.76   |           |         |
| 15                                                           | 1        | 74        |         | 22.69  | 22.76  | 22.77   |           |         |
| 15                                                           | 36       | 0         |         | 21.40  | 21.46  | 21.46   |           |         |
| 15                                                           | 36       | 20        |         | 21.48  | 21.52  | 21.55   |           |         |
| 15                                                           | 36       | 39        |         | 21.46  | 21.59  | 21.62   |           |         |
| 15                                                           | 75       | 0         |         | 21.44  | 21.55  | 21.53   |           |         |
| 15                                                           | 1        | 0         | 64-QAM  | 21.57  | 21.51  | 21.69   | 18.32     | 0.0679  |
| 15                                                           | 1        | 37        |         | 21.45  | 21.72  | 21.79   |           |         |
| 15                                                           | 1        | 74        |         | 21.51  | 21.69  | 21.55   |           |         |
| 15                                                           | 36       | 0         |         | 20.32  | 20.49  | 20.46   |           |         |
| 15                                                           | 36       | 20        |         | 20.41  | 20.53  | 20.45   |           |         |
| 15                                                           | 36       | 39        |         | 20.42  | 20.50  | 20.55   |           |         |
| 15                                                           | 75       | 0         |         | 20.38  | 20.48  | 20.63   |           |         |
| 15                                                           | 1        | 0         | 256-QAM | 18.50  | 18.47  | 18.59   | 15.29     | 0.0338  |
| 15                                                           | 1        | 37        |         | 18.40  | 18.54  | 18.62   |           |         |
| 15                                                           | 1        | 74        |         | 18.55  | 18.76  | 18.71   |           |         |
| 15                                                           | 36       | 0         |         | 18.36  | 18.53  | 18.53   |           |         |
| 15                                                           | 36       | 20        |         | 18.37  | 18.56  | 18.60   |           |         |
| 15                                                           | 36       | 39        |         | 18.43  | 18.65  | 18.61   |           |         |
| 15                                                           | 75       | 0         |         | 18.49  | 18.55  | 18.64   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.32 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK    | 23.40  | 23.54  | 23.47   | 20.07     | 0.1016  |
| 10                                                           | 1        | 25        |         | 23.36  | 23.49  | 23.49   |           |         |
| 10                                                           | 1        | 49        |         | 23.32  | 23.37  | 23.46   |           |         |
| 10                                                           | 25       | 0         |         | 22.35  | 22.44  | 22.49   |           |         |
| 10                                                           | 25       | 12        |         | 22.48  | 22.45  | 22.54   |           |         |
| 10                                                           | 25       | 25        |         | 22.45  | 22.52  | 22.57   |           |         |
| 10                                                           | 50       | 0         |         | 22.43  | 22.53  | 22.50   |           |         |
| 10                                                           | 1        | 0         | 16-QAM  | 22.63  | 22.72  | 22.77   | 19.43     | 0.0877  |
| 10                                                           | 1        | 25        |         | 22.55  | 22.90  | 22.74   |           |         |
| 10                                                           | 1        | 49        |         | 22.67  | 22.76  | 22.80   |           |         |
| 10                                                           | 25       | 0         |         | 21.35  | 21.42  | 21.40   |           |         |
| 10                                                           | 25       | 12        |         | 21.45  | 21.53  | 21.49   |           |         |
| 10                                                           | 25       | 25        |         | 21.40  | 21.51  | 21.65   |           |         |
| 10                                                           | 50       | 0         |         | 21.49  | 21.53  | 21.52   |           |         |
| 10                                                           | 1        | 0         | 64-QAM  | 21.55  | 21.47  | 21.62   | 18.29     | 0.0675  |
| 10                                                           | 1        | 25        |         | 21.42  | 21.72  | 21.76   |           |         |
| 10                                                           | 1        | 49        |         | 21.42  | 21.74  | 21.55   |           |         |
| 10                                                           | 25       | 0         |         | 20.36  | 20.42  | 20.49   |           |         |
| 10                                                           | 25       | 12        |         | 20.40  | 20.55  | 20.48   |           |         |
| 10                                                           | 25       | 25        |         | 20.42  | 20.60  | 20.59   |           |         |
| 10                                                           | 50       | 0         |         | 20.47  | 20.48  | 20.59   |           |         |
| 10                                                           | 1        | 0         | 256-QAM | 18.53  | 18.53  | 18.64   | 15.30     | 0.0339  |
| 10                                                           | 1        | 25        |         | 18.47  | 18.57  | 18.66   |           |         |
| 10                                                           | 1        | 49        |         | 18.62  | 18.72  | 18.77   |           |         |
| 10                                                           | 25       | 0         |         | 18.38  | 18.52  | 18.62   |           |         |
| 10                                                           | 25       | 12        |         | 18.40  | 18.51  | 18.59   |           |         |
| 10                                                           | 25       | 25        |         | 18.51  | 18.61  | 18.66   |           |         |
| 10                                                           | 50       | 0         |         | 18.46  | 18.52  | 18.61   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 71 Maximum Average Power [dBm] (GT - LC = -1.32 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK    | 23.35  | 23.48  | 23.49   | 20.03     | 0.1007  |
| 5                                                            | 1        | 12        |         | 23.35  | 23.50  | 23.50   |           |         |
| 5                                                            | 1        | 24        |         | 23.31  | 23.46  | 23.48   |           |         |
| 5                                                            | 12       | 0         |         | 22.43  | 22.52  | 22.56   |           |         |
| 5                                                            | 12       | 7         |         | 22.46  | 22.40  | 22.52   |           |         |
| 5                                                            | 12       | 13        |         | 22.48  | 22.56  | 22.50   |           |         |
| 5                                                            | 25       | 0         |         | 22.38  | 22.45  | 22.45   |           |         |
| 5                                                            | 1        | 0         | 16-QAM  | 22.64  | 22.80  | 22.73   | 19.42     | 0.0875  |
| 5                                                            | 1        | 12        |         | 22.52  | 22.89  | 22.78   |           |         |
| 5                                                            | 1        | 24        |         | 22.66  | 22.73  | 22.73   |           |         |
| 5                                                            | 12       | 0         |         | 21.34  | 21.40  | 21.49   |           |         |
| 5                                                            | 12       | 7         |         | 21.48  | 21.54  | 21.51   |           |         |
| 5                                                            | 12       | 13        |         | 21.44  | 21.56  | 21.58   |           |         |
| 5                                                            | 25       | 0         |         | 21.40  | 21.50  | 21.53   |           |         |
| 5                                                            | 1        | 0         | 64-QAM  | 21.64  | 21.47  | 21.64   | 18.31     | 0.0678  |
| 5                                                            | 1        | 12        |         | 21.42  | 21.67  | 21.78   |           |         |
| 5                                                            | 1        | 24        |         | 21.48  | 21.72  | 21.57   |           |         |
| 5                                                            | 12       | 0         |         | 20.36  | 20.44  | 20.46   |           |         |
| 5                                                            | 12       | 7         |         | 20.48  | 20.48  | 20.47   |           |         |
| 5                                                            | 12       | 13        |         | 20.44  | 20.56  | 20.62   |           |         |
| 5                                                            | 25       | 0         |         | 20.37  | 20.46  | 20.57   |           |         |
| 5                                                            | 1        | 0         | 256-QAM | 18.49  | 18.49  | 18.55   | 15.27     | 0.0337  |
| 5                                                            | 1        | 12        |         | 18.41  | 18.49  | 18.63   |           |         |
| 5                                                            | 1        | 24        |         | 18.62  | 18.73  | 18.74   |           |         |
| 5                                                            | 12       | 0         |         | 18.35  | 18.48  | 18.58   |           |         |
| 5                                                            | 12       | 7         |         | 18.36  | 18.52  | 18.63   |           |         |
| 5                                                            | 12       | 13        |         | 18.41  | 18.64  | 18.64   |           |         |
| 5                                                            | 25       | 0         |         | 18.55  | 18.52  | 18.60   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 14 Maximum Average Power [dBm] (GT - LC = -2.63 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                           | 1        | 0         | QPSK    | -      | 23.80  | -       | 19.02     | 0.0798  |
| 10                                                           | 1        | 25        |         |        | 23.69  |         |           |         |
| 10                                                           | 1        | 49        |         |        | 23.68  |         |           |         |
| 10                                                           | 25       | 0         |         |        | 22.74  |         |           |         |
| 10                                                           | 25       | 12        |         |        | 22.78  |         |           |         |
| 10                                                           | 25       | 25        |         |        | 22.77  |         |           |         |
| 10                                                           | 50       | 0         |         |        | 22.72  |         |           |         |
| 10                                                           | 1        | 0         | 16-QAM  |        | 22.92  |         | 18.33     | 0.0681  |
| 10                                                           | 1        | 25        |         |        | 23.11  |         |           |         |
| 10                                                           | 1        | 49        |         |        | 23.01  |         |           |         |
| 10                                                           | 25       | 0         |         |        | 21.79  |         |           |         |
| 10                                                           | 25       | 12        |         |        | 21.78  |         |           |         |
| 10                                                           | 25       | 25        |         |        | 21.79  |         |           |         |
| 10                                                           | 50       | 0         |         |        | 21.73  |         |           |         |
| 10                                                           | 1        | 0         | 64-QAM  |        | 21.96  |         | 17.27     | 0.0533  |
| 10                                                           | 1        | 25        |         |        | 22.05  |         |           |         |
| 10                                                           | 1        | 49        |         |        | 21.89  |         |           |         |
| 10                                                           | 25       | 0         |         |        | 20.75  |         |           |         |
| 10                                                           | 25       | 12        |         |        | 20.76  |         |           |         |
| 10                                                           | 25       | 25        |         |        | 20.80  |         |           |         |
| 10                                                           | 50       | 0         |         |        | 20.75  |         |           |         |
| 10                                                           | 1        | 0         | 256-QAM |        | 18.85  |         | 14.12     | 0.0258  |
| 10                                                           | 1        | 25        |         |        | 18.90  |         |           |         |
| 10                                                           | 1        | 49        |         |        | 18.84  |         |           |         |
| 10                                                           | 25       | 0         |         |        | 18.79  |         |           |         |
| 10                                                           | 25       | 12        |         |        | 18.84  |         |           |         |
| 10                                                           | 25       | 25        |         |        | 18.88  |         |           |         |
| 10                                                           | 50       | 0         |         |        | 18.84  |         |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 14 Maximum Average Power [dBm] (GT - LC = -2.63 dB) |          |           |         |        |        |         |           |         |
|--------------------------------------------------------------|----------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                     | RB Size  | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                            | 1        | 0         | QPSK    | 23.70  | 23.67  | 23.64   | 18.92     | 0.0780  |
| 5                                                            | 1        | 12        |         | 23.58  | 23.57  | 23.56   |           |         |
| 5                                                            | 1        | 24        |         | 23.54  | 23.50  | 23.50   |           |         |
| 5                                                            | 12       | 0         |         | 22.57  | 22.62  | 22.54   |           |         |
| 5                                                            | 12       | 7         |         | 22.60  | 22.66  | 22.65   |           |         |
| 5                                                            | 12       | 13        |         | 22.64  | 22.61  | 22.67   |           |         |
| 5                                                            | 25       | 0         |         | 22.54  | 22.61  | 22.57   |           |         |
| 5                                                            | 1        | 0         | 16-QAM  | 22.81  | 22.72  | 22.80   | 18.23     | 0.0665  |
| 5                                                            | 1        | 12        |         | 23.01  | 22.97  | 23.00   |           |         |
| 5                                                            | 1        | 24        |         | 22.85  | 22.88  | 22.89   |           |         |
| 5                                                            | 12       | 0         |         | 21.61  | 21.61  | 21.65   |           |         |
| 5                                                            | 12       | 7         |         | 21.58  | 21.60  | 21.60   |           |         |
| 5                                                            | 12       | 13        |         | 21.65  | 21.63  | 21.61   |           |         |
| 5                                                            | 25       | 0         |         | 21.58  | 21.59  | 21.54   |           |         |
| 5                                                            | 1        | 0         | 64-QAM  | 21.84  | 21.78  | 21.83   | 17.16     | 0.0520  |
| 5                                                            | 1        | 12        |         | 21.87  | 21.94  | 21.85   |           |         |
| 5                                                            | 1        | 24        |         | 21.77  | 21.70  | 21.74   |           |         |
| 5                                                            | 12       | 0         |         | 20.56  | 20.58  | 20.62   |           |         |
| 5                                                            | 12       | 7         |         | 20.65  | 20.66  | 20.56   |           |         |
| 5                                                            | 12       | 13        |         | 20.63  | 20.68  | 20.68   |           |         |
| 5                                                            | 25       | 0         |         | 20.65  | 20.61  | 20.62   |           |         |
| 5                                                            | 1        | 0         | 256-QAM | 18.71  | 18.70  | 18.66   | 14.01     | 0.0252  |
| 5                                                            | 1        | 12        |         | 18.70  | 18.74  | 18.79   |           |         |
| 5                                                            | 1        | 24        |         | 18.65  | 18.67  | 18.68   |           |         |
| 5                                                            | 12       | 0         |         | 18.67  | 18.60  | 18.62   |           |         |
| 5                                                            | 12       | 7         |         | 18.74  | 18.66  | 18.68   |           |         |
| 5                                                            | 12       | 13        |         | 18.71  | 18.74  | 18.68   |           |         |
| 5                                                            | 25       | 0         |         | 18.66  | 18.66  | 18.66   |           |         |
| Limit                                                        | ERP < 3W |           |         | Result |        |         | Pass      |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.02 dB) |              |           |         |        |        |         |           |         |
|------------------------------------------------------------------------|--------------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                               | RB Size      | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15                                                                     | 1            | 0         | QPSK    | 24.40  | -      | -       | 20.23     | 0.1054  |
| 15                                                                     | 1            | 37        |         | 24.39  | -      | -       |           |         |
| 15                                                                     | 1            | 74        |         | 24.34  | -      | -       |           |         |
| 15                                                                     | 36           | 0         |         | 23.47  | -      | -       |           |         |
| 15                                                                     | 36           | 20        |         | 23.48  | -      | -       |           |         |
| 15                                                                     | 36           | 39        |         | 23.45  | -      | -       |           |         |
| 15                                                                     | 75           | 0         |         | 23.52  | -      | -       |           |         |
| 15                                                                     | 1            | 0         | 16-QAM  | 23.59  | -      | -       | 19.48     | 0.0887  |
| 15                                                                     | 1            | 37        |         | 23.65  | -      | -       |           |         |
| 15                                                                     | 1            | 74        |         | 23.53  | -      | -       |           |         |
| 15                                                                     | 36           | 0         |         | 22.49  | -      | -       |           |         |
| 15                                                                     | 36           | 20        |         | 22.51  | -      | -       |           |         |
| 15                                                                     | 36           | 39        |         | 22.47  | -      | -       |           |         |
| 15                                                                     | 75           | 0         |         | 22.48  | -      | -       |           |         |
| 15                                                                     | 1            | 0         | 64-QAM  | 22.56  | -      | -       | 18.56     | 0.0718  |
| 15                                                                     | 1            | 37        |         | 22.73  | -      | -       |           |         |
| 15                                                                     | 1            | 74        |         | 22.53  | -      | -       |           |         |
| 15                                                                     | 36           | 0         |         | 21.47  | -      | -       |           |         |
| 15                                                                     | 36           | 20        |         | 21.50  | -      | -       |           |         |
| 15                                                                     | 36           | 39        |         | 21.45  | -      | -       |           |         |
| 15                                                                     | 75           | 0         |         | 21.49  | -      | -       |           |         |
| 15                                                                     | 1            | 0         | 256-QAM | 19.56  | -      | -       | 15.53     | 0.0357  |
| 15                                                                     | 1            | 37        |         | 19.61  | -      | -       |           |         |
| 15                                                                     | 1            | 74        |         | 19.29  | -      | -       |           |         |
| 15                                                                     | 36           | 0         |         | 19.46  | -      | -       |           |         |
| 15                                                                     | 36           | 20        |         | 19.63  | -      | -       |           |         |
| 15                                                                     | 36           | 39        |         | 19.66  | -      | -       |           |         |
| 15                                                                     | 75           | 0         |         | 19.70  | -      | -       |           |         |
| Limit                                                                  | Power < 100W |           |         | Result |        |         | Pass      |         |





# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.02 dB) |              |           |         |        |        |         |           |         |
|------------------------------------------------------------------------|--------------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                               | RB Size      | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                                     | 1            | 0         | QPSK    | -      | 24.26  | -       | 20.09     | 0.1021  |
| 10                                                                     | 1            | 25        |         | -      | 24.22  | -       |           |         |
| 10                                                                     | 1            | 49        |         | -      | 24.18  | -       |           |         |
| 10                                                                     | 25           | 0         |         | -      | 23.24  | -       |           |         |
| 10                                                                     | 25           | 12        |         | -      | 23.35  | -       |           |         |
| 10                                                                     | 25           | 25        |         | -      | 23.28  | -       |           |         |
| 10                                                                     | 50           | 0         |         | -      | 23.31  | -       |           |         |
| 10                                                                     | 1            | 0         | 16-QAM  | -      | 23.48  | -       | 19.39     | 0.0869  |
| 10                                                                     | 1            | 25        |         | -      | 23.53  | -       |           |         |
| 10                                                                     | 1            | 49        |         | -      | 23.56  | -       |           |         |
| 10                                                                     | 25           | 0         |         | -      | 22.27  | -       |           |         |
| 10                                                                     | 25           | 12        |         | -      | 22.33  | -       |           |         |
| 10                                                                     | 25           | 25        |         | -      | 22.33  | -       |           |         |
| 10                                                                     | 50           | 0         |         | -      | 22.32  | -       |           |         |
| 10                                                                     | 1            | 0         | 64-QAM  | -      | 22.41  | -       | 18.36     | 0.0685  |
| 10                                                                     | 1            | 25        |         | -      | 22.53  | -       |           |         |
| 10                                                                     | 1            | 49        |         | -      | 22.34  | -       |           |         |
| 10                                                                     | 25           | 0         |         | -      | 21.25  | -       |           |         |
| 10                                                                     | 25           | 12        |         | -      | 21.36  | -       |           |         |
| 10                                                                     | 25           | 25        |         | -      | 21.24  | -       |           |         |
| 10                                                                     | 50           | 0         |         | -      | 21.38  | -       |           |         |
| 10                                                                     | 1            | 0         | 256-QAM | -      | 19.39  | -       | 15.23     | 0.0333  |
| 10                                                                     | 1            | 25        |         | -      | 19.40  | -       |           |         |
| 10                                                                     | 1            | 49        |         | -      | 19.35  | -       |           |         |
| 10                                                                     | 25           | 0         |         | -      | 19.33  | -       |           |         |
| 10                                                                     | 25           | 12        |         | -      | 19.30  | -       |           |         |
| 10                                                                     | 25           | 25        |         | -      | 19.30  | -       |           |         |
| 10                                                                     | 50           | 0         |         | -      | 19.32  | -       |           |         |
| Limit                                                                  | Power < 100W |           |         | Result |        |         | Pass      |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.02 dB) |              |           |         |        |        |         |           |         |
|------------------------------------------------------------------------|--------------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                               | RB Size      | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                                      | 1            | 0         | QPSK    | 24.23  | 24.21  | 24.20   | 20.15     | 0.1035  |
| 5                                                                      | 1            | 12        |         | 24.28  | 24.32  | 24.18   |           |         |
| 5                                                                      | 1            | 24        |         | 24.19  | 24.22  | 24.09   |           |         |
| 5                                                                      | 12           | 0         |         | 23.28  | 23.25  | 23.34   |           |         |
| 5                                                                      | 12           | 7         |         | 23.33  | 23.33  | 23.39   |           |         |
| 5                                                                      | 12           | 13        |         | 23.28  | 23.32  | 23.36   |           |         |
| 5                                                                      | 25           | 0         |         | 23.34  | 23.33  | 23.42   |           |         |
| 5                                                                      | 1            | 0         | 16-QAM  | 23.41  | 23.51  | 23.36   | 19.36     | 0.0863  |
| 5                                                                      | 1            | 12        |         | 23.49  | 23.52  | 23.53   |           |         |
| 5                                                                      | 1            | 24        |         | 23.33  | 23.40  | 23.25   |           |         |
| 5                                                                      | 12           | 0         |         | 22.33  | 22.43  | 22.28   |           |         |
| 5                                                                      | 12           | 7         |         | 22.34  | 22.33  | 22.32   |           |         |
| 5                                                                      | 12           | 13        |         | 22.34  | 22.43  | 22.37   |           |         |
| 5                                                                      | 25           | 0         |         | 22.37  | 22.47  | 22.40   |           |         |
| 5                                                                      | 1            | 0         | 64-QAM  | 22.38  | 22.30  | 22.38   | 18.49     | 0.0706  |
| 5                                                                      | 1            | 12        |         | 22.62  | 22.66  | 22.60   |           |         |
| 5                                                                      | 1            | 24        |         | 22.41  | 22.48  | 22.48   |           |         |
| 5                                                                      | 12           | 0         |         | 21.32  | 21.35  | 21.42   |           |         |
| 5                                                                      | 12           | 7         |         | 21.30  | 21.27  | 21.34   |           |         |
| 5                                                                      | 12           | 13        |         | 21.26  | 21.32  | 21.19   |           |         |
| 5                                                                      | 25           | 0         |         | 21.38  | 21.39  | 21.32   |           |         |
| 5                                                                      | 1            | 0         | 256-QAM | 19.37  | 19.41  | 19.43   | 15.46     | 0.0352  |
| 5                                                                      | 1            | 12        |         | 19.48  | 19.40  | 19.44   |           |         |
| 5                                                                      | 1            | 24        |         | 19.13  | 19.20  | 19.18   |           |         |
| 5                                                                      | 12           | 0         |         | 19.35  | 19.31  | 19.40   |           |         |
| 5                                                                      | 12           | 7         |         | 19.52  | 19.57  | 19.49   |           |         |
| 5                                                                      | 12           | 13        |         | 19.55  | 19.56  | 19.63   |           |         |
| 5                                                                      | 25           | 0         |         | 19.52  | 19.54  | 19.43   |           |         |
| Limit                                                                  | Power < 100W |           |         | Result |        |         | Pass      |         |



| LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.02 dB) |              |           |         |        |        |         |           |         |
|------------------------------------------------------------------------|--------------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                               | RB Size      | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                                      | 1            | 0         | QPSK    | 24.24  | 24.29  | 24.25   | 20.14     | 0.1033  |
| 3                                                                      | 1            | 8         |         | 24.21  | 24.31  | 24.22   |           |         |
| 3                                                                      | 1            | 14        |         | 24.21  | 24.19  | 24.14   |           |         |
| 3                                                                      | 8            | 0         |         | 23.27  | 23.18  | 23.19   |           |         |
| 3                                                                      | 8            | 4         |         | 23.37  | 23.39  | 23.40   |           |         |
| 3                                                                      | 8            | 7         |         | 23.35  | 23.25  | 23.39   |           |         |
| 3                                                                      | 15           | 0         |         | 23.39  | 23.34  | 23.30   |           |         |
| 3                                                                      | 1            | 0         | 16-QAM  | 23.43  | 23.47  | 23.48   | 19.35     | 0.0861  |
| 3                                                                      | 1            | 8         |         | 23.52  | 23.51  | 23.43   |           |         |
| 3                                                                      | 1            | 14        |         | 23.34  | 23.39  | 23.35   |           |         |
| 3                                                                      | 8            | 0         |         | 22.30  | 22.37  | 22.27   |           |         |
| 3                                                                      | 8            | 4         |         | 22.41  | 22.39  | 22.40   |           |         |
| 3                                                                      | 8            | 7         |         | 22.32  | 22.36  | 22.24   |           |         |
| 3                                                                      | 15           | 0         |         | 22.33  | 22.38  | 22.26   |           |         |
| 3                                                                      | 1            | 0         | 64-QAM  | 22.42  | 22.42  | 22.50   | 18.49     | 0.0706  |
| 3                                                                      | 1            | 8         |         | 22.57  | 22.66  | 22.59   |           |         |
| 3                                                                      | 1            | 14        |         | 22.39  | 22.45  | 22.30   |           |         |
| 3                                                                      | 8            | 0         |         | 21.29  | 21.30  | 21.35   |           |         |
| 3                                                                      | 8            | 4         |         | 21.30  | 21.20  | 21.21   |           |         |
| 3                                                                      | 8            | 7         |         | 21.29  | 21.22  | 21.25   |           |         |
| 3                                                                      | 15           | 0         |         | 21.31  | 21.26  | 21.34   |           |         |
| 3                                                                      | 1            | 0         | 256-QAM | 19.44  | 19.48  | 19.44   | 15.44     | 0.0350  |
| 3                                                                      | 1            | 8         |         | 19.44  | 19.51  | 19.41   |           |         |
| 3                                                                      | 1            | 14        |         | 19.16  | 19.08  | 19.21   |           |         |
| 3                                                                      | 8            | 0         |         | 19.30  | 19.31  | 19.27   |           |         |
| 3                                                                      | 8            | 4         |         | 19.53  | 19.61  | 19.51   |           |         |
| 3                                                                      | 8            | 7         |         | 19.49  | 19.39  | 19.52   |           |         |
| 3                                                                      | 15           | 0         |         | 19.55  | 19.54  | 19.48   |           |         |
| Limit                                                                  | Power < 100W |           |         | Result |        |         | Pass      |         |



| LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.02 dB) |              |           |         |        |        |         |           |         |
|------------------------------------------------------------------------|--------------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                               | RB Size      | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                                    | 1            | 0         | QPSK    | 24.29  | 24.36  | 24.19   | 20.19     | 0.1045  |
| 1.4                                                                    | 1            | 3         |         | 24.19  | 24.18  | 24.28   |           |         |
| 1.4                                                                    | 1            | 5         |         | 24.15  | 24.25  | 24.11   |           |         |
| 1.4                                                                    | 3            | 0         |         | 24.17  | 24.14  | 24.07   |           |         |
| 1.4                                                                    | 3            | 1         |         | 24.03  | 24.00  | 23.95   |           |         |
| 1.4                                                                    | 3            | 3         |         | 23.95  | 23.87  | 23.88   |           |         |
| 1.4                                                                    | 6            | 0         |         | 23.36  | 23.33  | 23.34   |           |         |
| 1.4                                                                    | 1            | 0         | 16-QAM  | 23.29  | 23.32  | 23.24   | 19.43     | 0.0877  |
| 1.4                                                                    | 1            | 3         |         | 23.25  | 23.34  | 23.24   |           |         |
| 1.4                                                                    | 1            | 5         |         | 23.37  | 23.37  | 23.29   |           |         |
| 1.4                                                                    | 3            | 0         |         | 23.43  | 23.49  | 23.43   |           |         |
| 1.4                                                                    | 3            | 1         |         | 23.55  | 23.60  | 23.49   |           |         |
| 1.4                                                                    | 3            | 3         |         | 23.40  | 23.43  | 23.35   |           |         |
| 1.4                                                                    | 6            | 0         |         | 22.35  | 22.35  | 22.38   |           |         |
| 1.4                                                                    | 1            | 0         | 64-QAM  | 22.41  | 22.33  | 22.32   | 18.42     | 0.0695  |
| 1.4                                                                    | 1            | 3         |         | 22.31  | 22.40  | 22.30   |           |         |
| 1.4                                                                    | 1            | 5         |         | 22.34  | 22.43  | 22.32   |           |         |
| 1.4                                                                    | 3            | 0         |         | 22.39  | 22.35  | 22.29   |           |         |
| 1.4                                                                    | 3            | 1         |         | 22.56  | 22.59  | 22.55   |           |         |
| 1.4                                                                    | 3            | 3         |         | 22.36  | 22.46  | 22.33   |           |         |
| 1.4                                                                    | 6            | 0         |         | 21.27  | 21.22  | 21.37   |           |         |
| 1.4                                                                    | 1            | 0         | 256-QAM | 19.38  | 19.28  | 19.39   | 15.40     | 0.0347  |
| 1.4                                                                    | 1            | 3         |         | 19.45  | 19.49  | 19.44   |           |         |
| 1.4                                                                    | 1            | 5         |         | 19.19  | 19.22  | 19.19   |           |         |
| 1.4                                                                    | 3            | 0         |         | 19.30  | 19.39  | 19.33   |           |         |
| 1.4                                                                    | 3            | 1         |         | 19.48  | 19.42  | 19.53   |           |         |
| 1.4                                                                    | 3            | 3         |         | 19.53  | 19.54  | 19.53   |           |         |
| 1.4                                                                    | 6            | 0         |         | 19.51  | 19.48  | 19.57   |           |         |
| Limit                                                                  | Power < 100W |           |         | Result |        |         | Pass      |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.02 dB) |                |           |         |        |        |         |           |         |
|-----------------------------------------------------------------------|----------------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                              | RB Size        | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 15                                                                    | 1              | 0         | QPSK    | -      | 24.36  | -       | 20.19     | 0.1045  |
| 15                                                                    | 1              | 37        |         | -      | 24.36  | -       |           |         |
| 15                                                                    | 1              | 74        |         | -      | 24.27  | -       |           |         |
| 15                                                                    | 36             | 0         |         | -      | 23.41  | -       |           |         |
| 15                                                                    | 36             | 20        |         | -      | 23.56  | -       |           |         |
| 15                                                                    | 36             | 39        |         | -      | 23.47  | -       |           |         |
| 15                                                                    | 75             | 0         |         | -      | 23.48  | -       |           |         |
| 15                                                                    | 1              | 0         | 16-QAM  | -      | 23.54  | -       | 19.46     | 0.0883  |
| 15                                                                    | 1              | 37        |         | -      | 23.63  | -       |           |         |
| 15                                                                    | 1              | 74        |         | -      | 23.55  | -       |           |         |
| 15                                                                    | 36             | 0         |         | -      | 22.39  | -       |           |         |
| 15                                                                    | 36             | 20        |         | -      | 22.47  | -       |           |         |
| 15                                                                    | 36             | 39        |         | -      | 22.43  | -       |           |         |
| 15                                                                    | 75             | 0         |         | -      | 22.41  | -       |           |         |
| 15                                                                    | 1              | 0         | 64-QAM  | -      | 22.53  | -       | 18.66     | 0.0735  |
| 15                                                                    | 1              | 37        |         | -      | 22.83  | -       |           |         |
| 15                                                                    | 1              | 74        |         | -      | 22.47  | -       |           |         |
| 15                                                                    | 36             | 0         |         | -      | 21.49  | -       |           |         |
| 15                                                                    | 36             | 20        |         | -      | 21.45  | -       |           |         |
| 15                                                                    | 36             | 39        |         | -      | 21.49  | -       |           |         |
| 15                                                                    | 75             | 0         |         | -      | 21.45  | -       |           |         |
| 15                                                                    | 1              | 0         | 256-QAM | -      | 19.61  | -       | 15.58     | 0.0361  |
| 15                                                                    | 1              | 37        |         | -      | 19.61  | -       |           |         |
| 15                                                                    | 1              | 74        |         | -      | 19.33  | -       |           |         |
| 15                                                                    | 36             | 0         |         | -      | 19.38  | -       |           |         |
| 15                                                                    | 36             | 20        |         | -      | 19.61  | -       |           |         |
| 15                                                                    | 36             | 39        |         | -      | 19.60  | -       |           |         |
| 15                                                                    | 75             | 0         |         | -      | 19.75  | -       |           |         |
| Limit                                                                 | Reporting only |           |         | Result |        |         | N/A       |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.02 dB) |                |           |         |        |        |         |           |         |
|-----------------------------------------------------------------------|----------------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                              | RB Size        | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 10                                                                    | 1              | 0         | QPSK    | -      | 24.17  | -       | 20.15     | 0.1035  |
| 10                                                                    | 1              | 25        |         | -      | 24.32  | -       |           |         |
| 10                                                                    | 1              | 49        |         | -      | 24.08  | -       |           |         |
| 10                                                                    | 25             | 0         |         | -      | 23.38  | -       |           |         |
| 10                                                                    | 25             | 12        |         | -      | 23.24  | -       |           |         |
| 10                                                                    | 25             | 25        |         | -      | 23.23  | -       |           |         |
| 10                                                                    | 50             | 0         |         | -      | 23.40  | -       |           |         |
| 10                                                                    | 1              | 0         | 16-QAM  | -      | 23.40  | -       | 19.32     | 0.0855  |
| 10                                                                    | 1              | 25        |         | -      | 23.40  | -       |           |         |
| 10                                                                    | 1              | 49        |         | -      | 23.49  | -       |           |         |
| 10                                                                    | 25             | 0         |         | -      | 22.38  | -       |           |         |
| 10                                                                    | 25             | 12        |         | -      | 22.40  | -       |           |         |
| 10                                                                    | 25             | 25        |         | -      | 22.38  | -       |           |         |
| 10                                                                    | 50             | 0         |         | -      | 22.24  | -       |           |         |
| 10                                                                    | 1              | 0         | 64-QAM  | -      | 22.41  | -       | 18.34     | 0.0682  |
| 10                                                                    | 1              | 25        |         | -      | 22.51  | -       |           |         |
| 10                                                                    | 1              | 49        |         | -      | 22.36  | -       |           |         |
| 10                                                                    | 25             | 0         |         | -      | 21.35  | -       |           |         |
| 10                                                                    | 25             | 12        |         | -      | 21.36  | -       |           |         |
| 10                                                                    | 25             | 25        |         | -      | 21.18  | -       |           |         |
| 10                                                                    | 50             | 0         |         | -      | 21.20  | -       |           |         |
| 10                                                                    | 1              | 0         | 256-QAM | -      | 19.36  | -       | 15.44     | 0.0350  |
| 10                                                                    | 1              | 25        |         | -      | 19.46  | -       |           |         |
| 10                                                                    | 1              | 49        |         | -      | 19.02  | -       |           |         |
| 10                                                                    | 25             | 0         |         | -      | 19.33  | -       |           |         |
| 10                                                                    | 25             | 12        |         | -      | 19.33  | -       |           |         |
| 10                                                                    | 25             | 25        |         | -      | 19.40  | -       |           |         |
| 10                                                                    | 50             | 0         |         | -      | 19.61  | -       |           |         |
| Limit                                                                 | Reporting only |           |         | Result |        |         | N/A       |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.02 dB) |                |           |         |        |        |         |           |         |
|-----------------------------------------------------------------------|----------------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                              | RB Size        | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 5                                                                     | 1              | 0         | QPSK    | -      | 24.25  | -       | 20.08     | 0.1019  |
| 5                                                                     | 1              | 12        |         | -      | 24.25  | -       |           |         |
| 5                                                                     | 1              | 24        |         | -      | 24.22  | -       |           |         |
| 5                                                                     | 12             | 0         |         | -      | 23.18  | -       |           |         |
| 5                                                                     | 12             | 7         |         | -      | 23.24  | -       |           |         |
| 5                                                                     | 12             | 13        |         | -      | 23.29  | -       |           |         |
| 5                                                                     | 25             | 0         |         | -      | 23.25  | -       |           |         |
| 5                                                                     | 1              | 0         | 16-QAM  | -      | 23.36  | -       | 19.42     | 0.0875  |
| 5                                                                     | 1              | 12        |         | -      | 23.59  | -       |           |         |
| 5                                                                     | 1              | 24        |         | -      | 23.37  | -       |           |         |
| 5                                                                     | 12             | 0         |         | -      | 22.37  | -       |           |         |
| 5                                                                     | 12             | 7         |         | -      | 22.43  | -       |           |         |
| 5                                                                     | 12             | 13        |         | -      | 22.35  | -       |           |         |
| 5                                                                     | 25             | 0         |         | -      | 22.36  | -       |           |         |
| 5                                                                     | 1              | 0         | 64-QAM  | -      | 22.40  | -       | 18.36     | 0.0685  |
| 5                                                                     | 1              | 12        |         | -      | 22.53  | -       |           |         |
| 5                                                                     | 1              | 24        |         | -      | 22.43  | -       |           |         |
| 5                                                                     | 12             | 0         |         | -      | 21.28  | -       |           |         |
| 5                                                                     | 12             | 7         |         | -      | 21.26  | -       |           |         |
| 5                                                                     | 12             | 13        |         | -      | 21.19  | -       |           |         |
| 5                                                                     | 25             | 0         |         | -      | 21.44  | -       |           |         |
| 5                                                                     | 1              | 0         | 256-QAM | -      | 19.41  | -       | 15.41     | 0.0348  |
| 5                                                                     | 1              | 12        |         | -      | 19.58  | -       |           |         |
| 5                                                                     | 1              | 24        |         | -      | 19.19  | -       |           |         |
| 5                                                                     | 12             | 0         |         | -      | 19.34  | -       |           |         |
| 5                                                                     | 12             | 7         |         | -      | 19.45  | -       |           |         |
| 5                                                                     | 12             | 13        |         | -      | 19.49  | -       |           |         |
| 5                                                                     | 25             | 0         |         | -      | 19.57  | -       |           |         |
| Limit                                                                 | Reporting only |           |         | Result |        |         | N/A       |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.02 dB) |                |           |         |        |        |         |           |         |
|-----------------------------------------------------------------------|----------------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                              | RB Size        | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 3                                                                     | 1              | 0         | QPSK    | -      | 24.34  | -       | 20.17     | 0.1040  |
| 3                                                                     | 1              | 8         |         | -      | 24.23  | -       |           |         |
| 3                                                                     | 1              | 14        |         | -      | 24.30  | -       |           |         |
| 3                                                                     | 8              | 0         |         | -      | 23.32  | -       |           |         |
| 3                                                                     | 8              | 4         |         | -      | 23.45  | -       |           |         |
| 3                                                                     | 8              | 7         |         | -      | 23.25  | -       |           |         |
| 3                                                                     | 15             | 0         |         | -      | 23.36  | -       |           |         |
| 3                                                                     | 1              | 0         | 16-QAM  | -      | 23.50  | -       | 19.33     | 0.0857  |
| 3                                                                     | 1              | 8         |         | -      | 23.43  | -       |           |         |
| 3                                                                     | 1              | 14        |         | -      | 23.43  | -       |           |         |
| 3                                                                     | 8              | 0         |         | -      | 22.29  | -       |           |         |
| 3                                                                     | 8              | 4         |         | -      | 22.31  | -       |           |         |
| 3                                                                     | 8              | 7         |         | -      | 22.30  | -       |           |         |
| 3                                                                     | 15             | 0         |         | -      | 22.25  | -       |           |         |
| 3                                                                     | 1              | 0         | 64-QAM  | -      | 22.44  | -       | 18.45     | 0.0700  |
| 3                                                                     | 1              | 8         |         | -      | 22.62  | -       |           |         |
| 3                                                                     | 1              | 14        |         | -      | 22.47  | -       |           |         |
| 3                                                                     | 8              | 0         |         | -      | 21.20  | -       |           |         |
| 3                                                                     | 8              | 4         |         | -      | 21.28  | -       |           |         |
| 3                                                                     | 8              | 7         |         | -      | 21.35  | -       |           |         |
| 3                                                                     | 15             | 0         |         | -      | 21.24  | -       |           |         |
| 3                                                                     | 1              | 0         | 256-QAM | -      | 19.41  | -       | 15.43     | 0.0349  |
| 3                                                                     | 1              | 8         |         | -      | 19.44  | -       |           |         |
| 3                                                                     | 1              | 14        |         | -      | 19.07  | -       |           |         |
| 3                                                                     | 8              | 0         |         | -      | 19.33  | -       |           |         |
| 3                                                                     | 8              | 4         |         | -      | 19.60  | -       |           |         |
| 3                                                                     | 8              | 7         |         | -      | 19.54  | -       |           |         |
| 3                                                                     | 15             | 0         |         | -      | 19.60  | -       |           |         |
| Limit                                                                 | Reporting only |           |         | Result |        |         | N/A       |         |





# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.02 dB) |                |           |         |        |        |         |           |         |
|-----------------------------------------------------------------------|----------------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                              | RB Size        | RB Offset | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
| 1.4                                                                   | 1              | 0         | QPSK    | -      | 24.20  | -       | 20.03     | 0.1007  |
| 1.4                                                                   | 1              | 3         |         | -      | 24.18  | -       |           |         |
| 1.4                                                                   | 1              | 5         |         | -      | 24.08  | -       |           |         |
| 1.4                                                                   | 3              | 0         |         | -      | 24.10  | -       |           |         |
| 1.4                                                                   | 3              | 1         |         | -      | 24.07  | -       |           |         |
| 1.4                                                                   | 3              | 3         |         | -      | 23.88  | -       |           |         |
| 1.4                                                                   | 6              | 0         |         | -      | 23.32  | -       |           |         |
| 1.4                                                                   | 1              | 0         | 16-QAM  | -      | 23.33  | -       | 19.42     | 0.0875  |
| 1.4                                                                   | 1              | 3         |         | -      | 23.27  | -       |           |         |
| 1.4                                                                   | 1              | 5         |         | -      | 23.41  | -       |           |         |
| 1.4                                                                   | 3              | 0         |         | -      | 23.49  | -       |           |         |
| 1.4                                                                   | 3              | 1         |         | -      | 23.59  | -       |           |         |
| 1.4                                                                   | 3              | 3         |         | -      | 23.35  | -       |           |         |
| 1.4                                                                   | 6              | 0         |         | -      | 22.32  | -       |           |         |
| 1.4                                                                   | 1              | 0         | 64-QAM  | -      | 22.43  | -       | 18.41     | 0.0693  |
| 1.4                                                                   | 1              | 3         |         | -      | 22.26  | -       |           |         |
| 1.4                                                                   | 1              | 5         |         | -      | 22.39  | -       |           |         |
| 1.4                                                                   | 3              | 0         |         | -      | 22.32  | -       |           |         |
| 1.4                                                                   | 3              | 1         |         | -      | 22.58  | -       |           |         |
| 1.4                                                                   | 3              | 3         |         | -      | 22.36  | -       |           |         |
| 1.4                                                                   | 6              | 0         |         | -      | 21.21  | -       |           |         |
| 1.4                                                                   | 1              | 0         | 256-QAM | -      | 19.48  | -       | 15.39     | 0.0346  |
| 1.4                                                                   | 1              | 3         |         | -      | 19.36  | -       |           |         |
| 1.4                                                                   | 1              | 5         |         | -      | 19.18  | -       |           |         |
| 1.4                                                                   | 3              | 0         |         | -      | 19.24  | -       |           |         |
| 1.4                                                                   | 3              | 1         |         | -      | 19.42  | -       |           |         |
| 1.4                                                                   | 3              | 3         |         | -      | 19.56  | -       |           |         |
| 1.4                                                                   | 6              | 0         |         | -      | 19.45  | -       |           |         |
| Limit                                                                 | Reporting only |           |         | Result |        |         | N/A       |         |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |           |         |        |        |         |            |          |
|-----------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                        | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                 | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | QPSK    | 22.74  | 22.64  | 22.57   | 23.91      | 0.2460   |
| 20+20                                                           | 1         | 0         | 1       | 99        |         | 16.17  | 16.10  | 16.02   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |         | 24.34  | 24.23  | 24.56   |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | 16-QAM  | 21.68  | 21.64  | 21.55   | 23.23      | 0.2104   |
| 20+20                                                           | 1         | 0         | 1       | 99        |         | 16.39  | 16.49  | 16.26   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |         | 23.88  | 23.78  | 23.58   |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | 64-QAM  | 21.68  | 21.62  | 21.55   | 22.31      | 0.1702   |
| 20+20                                                           | 1         | 0         | 1       | 99        |         | 16.56  | 16.29  | 16.24   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |         | 22.96  | 22.84  | 22.68   |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | 256-QAM | 19.69  | 19.64  | 19.52   | 19.13      | 0.0818   |
| 20+20                                                           | 1         | 0         | 1       | 99        |         | 16.40  | 16.45  | 16.35   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |         | 19.78  | 19.59  | 19.43   |            |          |
| 20+15                                                           | 100       | 0         | 75      | 0         | QPSK    | 22.81  | 22.58  | 22.52   | 24.00      | 0.2512   |
| 20+15                                                           | 1         | 0         | 1       | 74        |         | 16.27  | 16.09  | 15.92   |            |          |
| 20+15                                                           | 1         | 74        | 1       | 0         |         | 24.65  | 24.18  | 24.18   |            |          |
| 20+15                                                           | 100       | 0         | 75      | 0         | 16-QAM  | 21.70  | 21.55  | 21.45   | 23.29      | 0.2133   |
| 20+15                                                           | 1         | 0         | 1       | 74        |         | 16.59  | 16.47  | 16.62   |            |          |
| 20+15                                                           | 1         | 74        | 1       | 0         |         | 23.94  | 23.75  | 23.54   |            |          |
| 20+15                                                           | 100       | 0         | 75      | 0         | 64-QAM  | 21.72  | 21.61  | 21.45   | 22.30      | 0.1698   |
| 20+15                                                           | 1         | 0         | 1       | 74        |         | 16.48  | 16.29  | 16.50   |            |          |
| 20+15                                                           | 1         | 74        | 1       | 0         |         | 22.95  | 22.71  | 22.57   |            |          |
| 20+15                                                           | 100       | 0         | 75      | 0         | 256-QAM | 19.69  | 19.60  | 19.45   | 19.07      | 0.0807   |
| 20+15                                                           | 1         | 0         | 1       | 74        |         | 16.36  | 16.34  | 16.27   |            |          |
| 20+15                                                           | 1         | 74        | 1       | 0         |         | 19.72  | 19.49  | 19.41   |            |          |
| 15+20                                                           | 75        | 0         | 100     | 0         | QPSK    | 22.75  | 22.62  | 22.50   | 23.94      | 0.2477   |
| 15+20                                                           | 1         | 0         | 1       | 99        |         | 16.22  | 16.06  | 16.04   |            |          |
| 15+20                                                           | 1         | 74        | 1       | 0         |         | 24.59  | 24.24  | 24.49   |            |          |
| 15+20                                                           | 75        | 0         | 100     | 0         | 16-QAM  | 21.83  | 21.63  | 21.51   | 23.33      | 0.2153   |
| 15+20                                                           | 1         | 0         | 1       | 99        |         | 16.48  | 16.43  | 16.36   |            |          |
| 15+20                                                           | 1         | 74        | 1       | 0         |         | 23.93  | 23.98  | 23.74   |            |          |
| 15+20                                                           | 75        | 0         | 100     | 0         | 64-QAM  | 21.71  | 21.64  | 21.51   | 22.20      | 0.1660   |
| 15+20                                                           | 1         | 0         | 1       | 99        |         | 16.51  | 16.40  | 16.33   |            |          |
| 15+20                                                           | 1         | 74        | 1       | 0         |         | 22.83  | 22.85  | 22.58   |            |          |
| 15+20                                                           | 75        | 0         | 100     | 0         | 256-QAM | 19.74  | 19.65  | 19.51   | 19.09      | 0.0811   |
| 15+20                                                           | 1         | 0         | 1       | 99        |         | 16.37  | 16.28  | 16.32   |            |          |
| 15+20                                                           | 1         | 74        | 1       | 0         |         | 19.71  | 19.62  | 19.43   |            |          |
| Limit                                                           | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |           |         |        |        |         |            |          |
|-----------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                        | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                 | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+10                                                           | 100       | 0         | 50      | 0         | QPSK    | 22.70  | 22.57  | 22.41   | 23.84      | 0.2421   |
| 20+10                                                           | 1         | 0         | 1       | 49        |         | 16.12  | 16.12  | 15.98   |            |          |
| 20+10                                                           | 1         | 99        | 1       | 0         |         | 24.40  | 24.49  | 24.37   |            |          |
| 20+10                                                           | 100       | 0         | 50      | 0         | 16-QAM  | 21.70  | 21.58  | 21.40   | 23.18      | 0.2080   |
| 20+10                                                           | 1         | 0         | 1       | 49        |         | 16.45  | 16.53  | 16.24   |            |          |
| 20+10                                                           | 1         | 99        | 1       | 0         |         | 23.79  | 23.83  | 23.50   |            |          |
| 20+10                                                           | 100       | 0         | 50      | 0         | 64-QAM  | 21.71  | 21.55  | 21.44   | 22.19      | 0.1656   |
| 20+10                                                           | 1         | 0         | 1       | 49        |         | 16.66  | 16.33  | 16.35   |            |          |
| 20+10                                                           | 1         | 99        | 1       | 0         |         | 22.84  | 22.81  | 22.42   |            |          |
| 20+10                                                           | 100       | 0         | 50      | 0         | 256-QAM | 19.72  | 19.61  | 19.38   | 19.07      | 0.0807   |
| 20+10                                                           | 1         | 0         | 1       | 49        |         | 16.36  | 16.16  | 16.29   |            |          |
| 20+10                                                           | 1         | 99        | 1       | 0         |         | 19.65  | 19.62  | 19.45   |            |          |
| 10+20                                                           | 50        | 0         | 100     | 0         | QPSK    | 22.76  | 22.58  | 22.48   | 23.86      | 0.2432   |
| 10+20                                                           | 1         | 0         | 1       | 99        |         | 16.22  | 16.09  | 15.96   |            |          |
| 10+20                                                           | 1         | 49        | 1       | 0         |         | 24.51  | 24.39  | 24.24   |            |          |
| 10+20                                                           | 50        | 0         | 100     | 0         | 16-QAM  | 21.75  | 21.62  | 21.45   | 23.30      | 0.2138   |
| 10+20                                                           | 1         | 0         | 1       | 99        |         | 16.57  | 16.30  | 16.33   |            |          |
| 10+20                                                           | 1         | 49        | 1       | 0         |         | 23.95  | 23.79  | 23.61   |            |          |
| 10+20                                                           | 50        | 0         | 100     | 0         | 64-QAM  | 21.76  | 21.61  | 21.47   | 22.12      | 0.1629   |
| 10+20                                                           | 1         | 0         | 1       | 99        |         | 16.58  | 16.29  | 16.38   |            |          |
| 10+20                                                           | 1         | 49        | 1       | 0         |         | 22.65  | 22.77  | 22.63   |            |          |
| 10+20                                                           | 50        | 0         | 100     | 0         | 256-QAM | 19.81  | 19.63  | 19.49   | 19.16      | 0.0824   |
| 10+20                                                           | 1         | 0         | 1       | 99        |         | 16.34  | 16.47  | 14.87   |            |          |
| 10+20                                                           | 1         | 49        | 1       | 0         |         | 19.64  | 19.60  | 19.42   |            |          |
| 20+5                                                            | 100       | 0         | 25      | 0         | QPSK    | 22.76  | 22.53  | 22.33   | 23.71      | 0.2350   |
| 20+5                                                            | 1         | 0         | 1       | 24        |         | 16.16  | 16.06  | 15.83   |            |          |
| 20+5                                                            | 1         | 99        | 1       | 0         |         | 24.36  | 24.19  | 23.89   |            |          |
| 20+5                                                            | 100       | 0         | 25      | 0         | 16-QAM  | 21.65  | 21.50  | 21.28   | 23.66      | 0.2323   |
| 20+5                                                            | 1         | 0         | 1       | 24        |         | 16.61  | 16.36  | 16.18   |            |          |
| 20+5                                                            | 1         | 99        | 1       | 0         |         | 24.31  | 23.99  | 23.55   |            |          |
| 20+5                                                            | 100       | 0         | 25      | 0         | 64-QAM  | 21.65  | 21.54  | 21.36   | 22.26      | 0.1683   |
| 20+5                                                            | 1         | 0         | 1       | 24        |         | 16.55  | 16.43  | 16.12   |            |          |
| 20+5                                                            | 1         | 99        | 1       | 0         |         | 22.91  | 22.69  | 22.50   |            |          |
| 20+5                                                            | 100       | 0         | 25      | 0         | 256-QAM | 13.23  | 19.52  | 19.35   | 19.12      | 0.0817   |
| 20+5                                                            | 1         | 0         | 1       | 24        |         | 14.97  | 16.45  | 16.02   |            |          |
| 20+5                                                            | 1         | 99        | 1       | 0         |         | 19.77  | 19.48  | 19.40   |            |          |
| Limit                                                           | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |           |         |        |        |         |            |          |
|-----------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                        | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                 | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 5+20                                                            | 25        | 0         | 100     | 0         | QPSK    | 22.73  | 22.57  | 22.38   | 24.12      | 0.2582   |
| 5+20                                                            | 1         | 0         | 1       | 99        |         | 16.22  | 16.03  | 15.89   |            |          |
| 5+20                                                            | 1         | 24        | 1       | 0         |         | 24.77  | 24.45  | 24.29   |            |          |
| 5+20                                                            | 25        | 0         | 100     | 0         | 16-QAM  | 21.73  | 21.57  | 21.37   | 23.48      | 0.2228   |
| 5+20                                                            | 1         | 0         | 1       | 99        |         | 16.55  | 16.34  | 16.30   |            |          |
| 5+20                                                            | 1         | 24        | 1       | 0         |         | 24.13  | 23.90  | 23.53   |            |          |
| 5+20                                                            | 25        | 0         | 100     | 0         | 64-QAM  | 21.73  | 21.57  | 21.41   | 22.25      | 0.1679   |
| 5+20                                                            | 1         | 0         | 1       | 99        |         | 16.40  | 16.39  | 16.13   |            |          |
| 5+20                                                            | 1         | 24        | 1       | 0         |         | 22.59  | 22.90  | 22.59   |            |          |
| 5+20                                                            | 25        | 0         | 100     | 0         | 256-QAM | 19.75  | 19.59  | 19.41   | 19.10      | 0.0813   |
| 5+20                                                            | 1         | 0         | 1       | 99        |         | 16.31  | 16.26  | 16.16   |            |          |
| 5+20                                                            | 1         | 24        | 1       | 0         |         | 19.74  | 19.56  | 19.40   |            |          |
| Limit                                                           | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 2C_CA Maximum Average Power [dBm] (GT - LC = -0.65 dB) |           |           |         |           |         |        |        |         |            |          |
|-----------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                        | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                 | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 15+10                                                           | 75        | 0         | 50      | 0         | QPSK    | 22.77  | 22.56  | 22.43   | 23.88      | 0.2443   |
| 15+10                                                           | 1         | 0         | 1       | 49        |         | 16.21  | 16.09  | 15.98   |            |          |
| 15+10                                                           | 1         | 74        | 1       | 0         |         | 24.53  | 24.26  | 24.23   |            |          |
| 15+10                                                           | 75        | 0         | 50      | 0         | 16-QAM  | 21.75  | 21.57  | 21.37   | 23.34      | 0.2158   |
| 15+10                                                           | 1         | 0         | 1       | 49        |         | 16.50  | 16.39  | 16.23   |            |          |
| 15+10                                                           | 1         | 74        | 1       | 0         |         | 23.99  | 23.82  | 23.69   |            |          |
| 15+10                                                           | 75        | 0         | 50      | 0         | 64-QAM  | 21.76  | 21.59  | 21.36   | 22.12      | 0.1629   |
| 15+10                                                           | 1         | 0         | 1       | 49        |         | 16.65  | 16.43  | 16.18   |            |          |
| 15+10                                                           | 1         | 74        | 1       | 0         |         | 22.74  | 22.77  | 22.60   |            |          |
| 15+10                                                           | 75        | 0         | 50      | 0         | 256-QAM | 19.76  | 19.06  | 19.36   | 19.11      | 0.0815   |
| 15+10                                                           | 1         | 0         | 1       | 49        |         | 16.37  | 16.17  | 16.06   |            |          |
| 15+10                                                           | 1         | 74        | 1       | 0         |         | 19.74  | 19.59  | 19.34   |            |          |
| 10+15                                                           | 50        | 0         | 75      | 0         | QPSK    | 22.77  | 22.58  | 22.42   | 23.83      | 0.2415   |
| 10+15                                                           | 1         | 0         | 1       | 74        |         | 16.21  | 16.09  | 16.03   |            |          |
| 10+15                                                           | 1         | 49        | 1       | 0         |         | 24.48  | 24.24  | 24.16   |            |          |
| 10+15                                                           | 50        | 0         | 75      | 0         | 16-QAM  | 21.74  | 21.58  | 21.44   | 23.31      | 0.2143   |
| 10+15                                                           | 1         | 0         | 1       | 74        |         | 16.48  | 16.41  | 16.30   |            |          |
| 10+15                                                           | 1         | 49        | 1       | 0         |         | 23.96  | 23.91  | 23.49   |            |          |
| 10+15                                                           | 50        | 0         | 75      | 0         | 64-QAM  | 21.74  | 21.59  | 21.46   | 22.30      | 0.1698   |
| 10+15                                                           | 1         | 0         | 1       | 74        |         | 16.81  | 16.33  | 16.25   |            |          |
| 10+15                                                           | 1         | 49        | 1       | 0         |         | 22.72  | 22.95  | 22.48   |            |          |
| 10+15                                                           | 50        | 0         | 75      | 0         | 256-QAM | 19.81  | 19.63  | 19.41   | 19.16      | 0.0824   |
| 10+15                                                           | 1         | 0         | 1       | 74        |         | 16.39  | 16.36  | 16.23   |            |          |
| 10+15                                                           | 1         | 49        | 1       | 0         |         | 2.46   | 19.59  | 19.29   |            |          |
| 15+15                                                           | 75        | 0         | 75      | 0         | QPSK    | 22.75  | 22.61  | 22.45   | 24.02      | 0.2523   |
| 15+15                                                           | 1         | 0         | 1       | 74        |         | 16.17  | 16.11  | 15.89   |            |          |
| 15+15                                                           | 1         | 74        | 1       | 0         |         | 24.44  | 24.59  | 24.67   |            |          |
| 15+15                                                           | 75        | 0         | 75      | 0         | 16-QAM  | 21.72  | 21.59  | 21.48   | 23.32      | 0.2148   |
| 15+15                                                           | 1         | 0         | 1       | 74        |         | 16.64  | 16.31  | 16.43   |            |          |
| 15+15                                                           | 1         | 74        | 1       | 0         |         | 23.97  | 23.69  | 23.41   |            |          |
| 15+15                                                           | 75        | 0         | 75      | 0         | 64-QAM  | 21.74  | 21.60  | 21.44   | 22.24      | 0.1675   |
| 15+15                                                           | 1         | 0         | 1       | 74        |         | 16.47  | 16.41  | 16.20   |            |          |
| 15+15                                                           | 1         | 74        | 1       | 0         |         | 22.89  | 22.58  | 22.57   |            |          |
| 15+15                                                           | 75        | 0         | 75      | 0         | 256-QAM | 19.78  | 19.58  | 19.47   | 19.15      | 0.0822   |
| 15+15                                                           | 1         | 0         | 1       | 74        |         | 16.64  | 16.33  | 16.33   |            |          |
| 15+15                                                           | 1         | 74        | 1       | 0         |         | 19.80  | 19.61  | 19.23   |            |          |
| Limit                                                           | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -2.02 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    | 22.77  | 22.81  | 22.78   | 20.42     | 0.1102  |
| 10+10                                                           | 1        | 0         | 1       | 49        |         | 14.58  | 14.56  | 14.59   |           |         |
| 10+10                                                           | 1        | 49        | 1       | 0         |         | 24.59  | 24.42  | 24.41   |           |         |
| 10+10                                                           | 50       | 0         | 50      | 0         | 16-QAM  | 21.74  | 21.83  | 21.79   | 19.95     | 0.0989  |
| 10+10                                                           | 1        | 0         | 1       | 49        |         | 14.91  | 15.09  | 15.05   |           |         |
| 10+10                                                           | 1        | 49        | 1       | 0         |         | 23.86  | 23.98  | 24.12   |           |         |
| 10+10                                                           | 50       | 0         | 50      | 0         | 64-QAM  | 21.68  | 21.71  | 21.74   | 18.82     | 0.0762  |
| 10+10                                                           | 1        | 0         | 1       | 49        |         | 14.92  | 14.82  | 14.83   |           |         |
| 10+10                                                           | 1        | 49        | 1       | 0         |         | 22.99  | 22.87  | 22.89   |           |         |
| 10+10                                                           | 50       | 0         | 50      | 0         | 256-QAM | 19.78  | 19.80  | 19.81   | 15.64     | 0.0366  |
| 10+10                                                           | 1        | 0         | 1       | 49        |         | 14.81  | 14.69  | 14.80   |           |         |
| 10+10                                                           | 1        | 49        | 1       | 0         |         | 19.75  | 19.78  | 19.74   |           |         |
| 10+5                                                            | 50       | 0         | 25      | 0         | QPSK    | 22.71  | 22.72  | 22.77   | 20.33     | 0.1079  |
| 10+5                                                            | 1        | 0         | 1       | 24        |         | 15.05  | 15.07  | 15.18   |           |         |
| 10+5                                                            | 1        | 49        | 1       | 0         |         | 24.36  | 24.50  | 24.50   |           |         |
| 10+5                                                            | 50       | 0         | 25      | 0         | 16-QAM  | 21.66  | 21.71  | 21.77   | 20.13     | 0.1030  |
| 10+5                                                            | 1        | 0         | 1       | 24        |         | 15.46  | 15.56  | 15.51   |           |         |
| 10+5                                                            | 1        | 49        | 1       | 0         |         | 23.93  | 23.96  | 24.30   |           |         |
| 10+5                                                            | 50       | 0         | 25      | 0         | 64-QAM  | 21.63  | 21.68  | 21.74   | 19.59     | 0.0910  |
| 10+5                                                            | 1        | 0         | 1       | 24        |         | 15.32  | 15.38  | 15.29   |           |         |
| 10+5                                                            | 1        | 49        | 1       | 0         |         | 22.96  | 23.03  | 23.76   |           |         |
| 10+5                                                            | 50       | 0         | 25      | 0         | 256-QAM | 19.83  | 19.81  | 19.91   | 15.81     | 0.0381  |
| 10+5                                                            | 1        | 0         | 1       | 24        |         | 15.24  | 15.29  | 15.32   |           |         |
| 10+5                                                            | 1        | 49        | 1       | 0         |         | 19.88  | 18.34  | 19.98   |           |         |
| 5+10                                                            | 25       | 0         | 50      | 0         | QPSK    | 22.73  | 22.76  | 22.81   | 20.70     | 0.1175  |
| 5+10                                                            | 1        | 0         | 1       | 49        |         | 15.04  | 15.16  | 15.24   |           |         |
| 5+10                                                            | 1        | 24        | 1       | 0         |         | 24.30  | 24.52  | 24.87   |           |         |
| 5+10                                                            | 25       | 0         | 50      | 0         | 16-QAM  | 21.66  | 21.73  | 21.81   | 20.08     | 0.1019  |
| 5+10                                                            | 1        | 0         | 1       | 49        |         | 15.51  | 15.56  | 15.65   |           |         |
| 5+10                                                            | 1        | 24        | 1       | 0         |         | 24.25  | 24.16  | 24.09   |           |         |
| 5+10                                                            | 25       | 0         | 50      | 0         | 64-QAM  | 21.64  | 21.71  | 21.72   | 18.95     | 0.0785  |
| 5+10                                                            | 1        | 0         | 1       | 49        |         | 15.16  | 15.38  | 15.37   |           |         |
| 5+10                                                            | 1        | 24        | 1       | 0         |         | 23.12  | 23.04  | 23.08   |           |         |
| 5+10                                                            | 25       | 0         | 50      | 0         | 256-QAM | 19.74  | 19.78  | 19.84   | 15.76     | 0.0377  |
| 5+10                                                            | 1        | 0         | 1       | 49        |         | 15.23  | 15.27  | 15.26   |           |         |
| 5+10                                                            | 1        | 24        | 1       | 0         |         | 19.85  | 19.88  | 19.93   |           |         |
| Limit                                                           | ERP < 7W |           |         |           |         | Result |        |         | Pass      |         |



| LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -2.02 dB) |          |           |         |           |         |        |        |         |           |         |
|-----------------------------------------------------------------|----------|-----------|---------|-----------|---------|--------|--------|---------|-----------|---------|
| BW [MHz]                                                        | PCC      |           | SCC     |           | Mod     | Lowest | Middle | Highest | ERP (dBm) | ERP (W) |
|                                                                 | RB Size  | RB Offset | RB Size | RB Offset |         |        |        |         |           |         |
| 5+3                                                             | 25       | 0         | 15      | 0         | QPSK    | 24.89  | 24.98  | 25.03   | 20.86     | 0.1219  |
| 5+3                                                             | 1        | 0         | 1       | 14        |         | 15.29  | 15.34  | 15.45   |           |         |
| 5+3                                                             | 1        | 24        | 1       | 0         |         | 24.59  | 24.69  | 24.77   |           |         |
| 5+3                                                             | 25       | 0         | 15      | 0         | 16-QAM  | 24.86  | 24.97  | 25.04   | 20.94     | 0.1242  |
| 5+3                                                             | 1        | 0         | 1       | 14        |         | 15.71  | 15.74  | 15.75   |           |         |
| 5+3                                                             | 1        | 24        | 1       | 0         |         | 25.09  | 24.99  | 25.11   |           |         |
| 5+3                                                             | 25       | 0         | 15      | 0         | 64-QAM  | 24.68  | 24.15  | 24.75   | 20.58     | 0.1143  |
| 5+3                                                             | 1        | 0         | 1       | 14        |         | 15.56  | 15.62  | 15.63   |           |         |
| 5+3                                                             | 1        | 24        | 1       | 0         |         | 24.68  | 24.13  | 24.47   |           |         |
| 5+3                                                             | 25       | 0         | 15      | 0         | 256-QAM | 24.41  | 23.68  | 24.23   | 20.24     | 0.1057  |
| 5+3                                                             | 1        | 0         | 1       | 14        |         | 15.28  | 15.41  | 15.60   |           |         |
| 5+3                                                             | 1        | 24        | 1       | 0         |         | 24.02  | 23.55  | 23.82   |           |         |
| 3+5                                                             | 15       | 0         | 25      | 0         | QPSK    | 24.92  | 24.88  | 25.06   | 20.90     | 0.1230  |
| 3+5                                                             | 1        | 0         | 1       | 24        |         | 15.22  | 15.31  | 15.39   |           |         |
| 3+5                                                             | 1        | 14        | 1       | 0         |         | 24.74  | 24.70  | 25.07   |           |         |
| 3+5                                                             | 15       | 0         | 25      | 0         | 16-QAM  | 24.93  | 24.91  | 25.12   | 21.40     | 0.1380  |
| 3+5                                                             | 1        | 0         | 1       | 24        |         | 15.73  | 15.72  | 15.77   |           |         |
| 3+5                                                             | 1        | 14        | 1       | 0         |         | 25.33  | 24.95  | 25.57   |           |         |
| 3+5                                                             | 15       | 0         | 25      | 0         | 64-QAM  | 24.93  | 24.14  | 24.89   | 20.88     | 0.1225  |
| 3+5                                                             | 1        | 0         | 1       | 24        |         | 15.40  | 15.59  | 15.59   |           |         |
| 3+5                                                             | 1        | 14        | 1       | 0         |         | 24.77  | 24.06  | 25.05   |           |         |
| 3+5                                                             | 15       | 0         | 25      | 0         | 256-QAM | 24.44  | 23.65  | 24.22   | 20.27     | 0.1064  |
| 3+5                                                             | 1        | 0         | 1       | 24        |         | 15.35  | 15.37  | 15.49   |           |         |
| 3+5                                                             | 1        | 14        | 1       | 0         |         | 24.18  | 23.38  | 24.39   |           |         |
| Limit                                                           | ERP < 7W |           |         |           |         | Result |        |         | Pass      |         |



| LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |         |           |         |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 10+10                                                            | 50        | 0         | 50      | 0         | QPSK    | 22.10  | 22.28  | 22.43   | 23.92      | 0.2466   |
| 10+10                                                            | 1         | 0         | 1       | 49        |         | 13.51  | 13.66  | 13.86   |            |          |
| 10+10                                                            | 1         | 49        | 1       | 0         |         | 24.01  | 24.09  | 24.19   |            |          |
| 10+10                                                            | 50        | 0         | 50      | 0         | 16-QAM  | 21.12  | 21.32  | 21.43   | 23.28      | 0.2128   |
| 10+10                                                            | 1         | 0         | 1       | 49        |         | 13.82  | 13.98  | 14.20   |            |          |
| 10+10                                                            | 1         | 49        | 1       | 0         |         | 23.25  | 23.44  | 23.55   |            |          |
| 10+10                                                            | 50        | 0         | 50      | 0         | 64-QAM  | 21.08  | 21.33  | 21.46   | 22.41      | 0.1742   |
| 10+10                                                            | 1         | 0         | 1       | 49        |         | 13.75  | 13.87  | 14.07   |            |          |
| 10+10                                                            | 1         | 49        | 1       | 0         |         | 22.24  | 22.43  | 22.68   |            |          |
| 10+10                                                            | 50        | 0         | 50      | 0         | 256-QAM | 19.10  | 19.29  | 19.46   | 19.36      | 0.0863   |
| 10+10                                                            | 1         | 0         | 1       | 49        |         | 13.65  | 13.70  | 13.89   |            |          |
| 10+10                                                            | 1         | 49        | 1       | 0         |         | 19.12  | 19.39  | 19.63   |            |          |
| 15+5                                                             | 75        | 0         | 25      | 0         | QPSK    | 22.05  | 22.29  | 22.43   | 24.07      | 0.2553   |
| 15+5                                                             | 1         | 0         | 1       | 24        |         | 13.55  | 13.65  | 13.81   |            |          |
| 15+5                                                             | 1         | 74        | 1       | 0         |         | 24.04  | 24.31  | 24.34   |            |          |
| 15+5                                                             | 75        | 0         | 25      | 0         | 16-QAM  | 21.04  | 21.31  | 21.42   | 23.48      | 0.2228   |
| 15+5                                                             | 1         | 0         | 1       | 24        |         | 13.81  | 14.16  | 14.06   |            |          |
| 15+5                                                             | 1         | 74        | 1       | 0         |         | 23.48  | 23.75  | 23.70   |            |          |
| 15+5                                                             | 75        | 0         | 25      | 0         | 64-QAM  | 21.09  | 21.34  | 21.41   | 22.33      | 0.1710   |
| 15+5                                                             | 1         | 0         | 1       | 24        |         | 13.72  | 13.86  | 13.99   |            |          |
| 15+5                                                             | 1         | 74        | 1       | 0         |         | 22.31  | 22.54  | 22.60   |            |          |
| 15+5                                                             | 75        | 0         | 25      | 0         | 256-QAM | 19.14  | 19.35  | 19.45   | 19.31      | 0.0853   |
| 15+5                                                             | 1         | 0         | 1       | 24        |         | 13.73  | 13.85  | 13.92   |            |          |
| 15+5                                                             | 1         | 74        | 1       | 0         |         | 19.34  | 19.54  | 19.58   |            |          |
| 5+15                                                             | 25        | 0         | 75      | 0         | QPSK    | 22.01  | 22.25  | 22.39   | 24.01      | 0.2518   |
| 5+15                                                             | 1         | 0         | 1       | 74        |         | 13.53  | 13.68  | 13.95   |            |          |
| 5+15                                                             | 1         | 24        | 1       | 0         |         | 23.92  | 24.11  | 24.28   |            |          |
| 5+15                                                             | 25        | 0         | 75      | 0         | 16-QAM  | 21.06  | 21.25  | 21.37   | 23.38      | 0.2178   |
| 5+15                                                             | 1         | 0         | 1       | 74        |         | 13.70  | 13.84  | 14.02   |            |          |
| 5+15                                                             | 1         | 24        | 1       | 0         |         | 23.25  | 23.49  | 23.65   |            |          |
| 5+15                                                             | 25        | 0         | 75      | 0         | 64-QAM  | 21.05  | 21.25  | 21.40   | 22.25      | 0.1679   |
| 5+15                                                             | 1         | 0         | 1       | 74        |         | 13.75  | 13.85  | 13.98   |            |          |
| 5+15                                                             | 1         | 24        | 1       | 0         |         | 22.33  | 22.44  | 22.52   |            |          |
| 5+15                                                             | 25        | 0         | 75      | 0         | 256-QAM | 19.10  | 19.30  | 19.41   | 19.17      | 0.0826   |
| 5+15                                                             | 1         | 0         | 1       | 74        |         | 13.69  | 13.84  | 14.02   |            |          |
| 5+15                                                             | 1         | 24        | 1       | 0         |         | 19.09  | 19.29  | 19.44   |            |          |
| Limit                                                            | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |





| LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |         |           |         |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 10+5                                                             | 50        | 0         | 25      | 0         | QPSK    | 22.02  | 22.28  | 22.37   | 23.98      | 0.2500   |
| 10+5                                                             | 1         | 0         | 1       | 24        |         | 14.01  | 14.14  | 14.28   |            |          |
| 10+5                                                             | 1         | 49        | 1       | 0         |         | 24.00  | 24.13  | 24.25   |            |          |
| 10+5                                                             | 50        | 0         | 25      | 0         | 16-QAM  | 21.05  | 21.24  | 21.35   | 23.41      | 0.2193   |
| 10+5                                                             | 1         | 0         | 1       | 24        |         | 14.21  | 14.44  | 14.67   |            |          |
| 10+5                                                             | 1         | 49        | 1       | 0         |         | 23.29  | 23.57  | 23.68   |            |          |
| 10+5                                                             | 50        | 0         | 25      | 0         | 64-QAM  | 21.03  | 21.28  | 21.41   | 22.52      | 0.1786   |
| 10+5                                                             | 1         | 0         | 1       | 24        |         | 14.34  | 14.33  | 14.60   |            |          |
| 10+5                                                             | 1         | 49        | 1       | 0         |         | 22.19  | 22.48  | 22.79   |            |          |
| 10+5                                                             | 50        | 0         | 25      | 0         | 256-QAM | 19.05  | 19.26  | 19.46   | 19.21      | 0.0834   |
| 10+5                                                             | 1         | 0         | 1       | 24        |         | 14.14  | 14.37  | 14.41   |            |          |
| 10+5                                                             | 1         | 49        | 1       | 0         |         | 19.04  | 19.28  | 19.48   |            |          |
| 5+10                                                             | 25        | 0         | 50      | 0         | QPSK    | 22.06  | 22.22  | 22.35   | 23.92      | 0.2466   |
| 5+10                                                             | 1         | 0         | 1       | 49        |         | 13.97  | 14.16  | 14.33   |            |          |
| 5+10                                                             | 1         | 24        | 1       | 0         |         | 23.81  | 24.12  | 24.19   |            |          |
| 5+10                                                             | 25        | 0         | 50      | 0         | 16-QAM  | 21.06  | 21.20  | 21.30   | 23.43      | 0.2203   |
| 5+10                                                             | 1         | 0         | 1       | 49        |         | 14.23  | 14.48  | 14.55   |            |          |
| 5+10                                                             | 1         | 24        | 1       | 0         |         | 23.30  | 23.42  | 23.70   |            |          |
| 5+10                                                             | 25        | 0         | 50      | 0         | 64-QAM  | 21.03  | 21.22  | 21.41   | 22.28      | 0.1690   |
| 5+10                                                             | 1         | 0         | 1       | 49        |         | 14.13  | 14.30  | 14.58   |            |          |
| 5+10                                                             | 1         | 24        | 1       | 0         |         | 22.23  | 22.45  | 22.55   |            |          |
| 5+10                                                             | 25        | 0         | 50      | 0         | 256-QAM | 19.08  | 19.29  | 19.37   | 19.20      | 0.0832   |
| 5+10                                                             | 1         | 0         | 1       | 49        |         | 14.16  | 14.29  | 14.46   |            |          |
| 5+10                                                             | 1         | 24        | 1       | 0         |         | 19.05  | 19.26  | 19.47   |            |          |
| 5+5                                                              | 25        | 0         | 25      | 0         | QPSK    | 22.26  | 22.46  | 22.56   | 24.15      | 0.2600   |
| 5+5                                                              | 1         | 0         | 1       | 24        |         | 13.61  | 13.84  | 14.02   |            |          |
| 5+5                                                              | 1         | 24        | 1       | 0         |         | 24.11  | 24.42  | 24.37   |            |          |
| 5+5                                                              | 25        | 0         | 25      | 0         | 16-QAM  | 21.19  | 21.42  | 21.59   | 23.56      | 0.2270   |
| 5+5                                                              | 1         | 0         | 1       | 24        |         | 13.94  | 14.20  | 14.16   |            |          |
| 5+5                                                              | 1         | 24        | 1       | 0         |         | 23.56  | 23.68  | 23.83   |            |          |
| 5+5                                                              | 25        | 0         | 25      | 0         | 64-QAM  | 21.20  | 21.42  | 21.58   | 22.44      | 0.1754   |
| 5+5                                                              | 1         | 0         | 1       | 24        |         | 13.88  | 14.11  | 14.25   |            |          |
| 5+5                                                              | 1         | 24        | 1       | 0         |         | 22.36  | 22.63  | 22.71   |            |          |
| 5+5                                                              | 25        | 0         | 25      | 0         | 256-QAM | 19.26  | 19.46  | 19.55   | 19.39      | 0.0869   |
| 5+5                                                              | 1         | 0         | 1       | 24        |         | 13.78  | 14.06  | 2.39    |            |          |
| 5+5                                                              | 1         | 24        | 1       | 0         |         | 19.24  | 19.54  | 19.66   |            |          |
| Limit                                                            | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |         |           |         |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+20                                                            | 100       | 0         | 100     | 0         | QPSK    | 22.07  | 22.21  | 22.23   | 23.86      | 0.2432   |
| 20+20                                                            | 1         | 0         | 1       | 99        |         | 15.52  | 15.62  | 15.64   |            |          |
| 20+20                                                            | 1         | 99        | 1       | 0         |         | 24.11  | 24.10  | 24.13   |            |          |
| 20+20                                                            | 100       | 0         | 100     | 0         | 16-QAM  | 21.07  | 21.19  | 21.25   | 23.40      | 0.2188   |
| 20+20                                                            | 1         | 0         | 1       | 99        |         | 15.84  | 15.96  | 15.86   |            |          |
| 20+20                                                            | 1         | 99        | 1       | 0         |         | 23.32  | 23.53  | 23.67   |            |          |
| 20+20                                                            | 100       | 0         | 100     | 0         | 64-QAM  | 21.11  | 21.20  | 21.31   | 22.19      | 0.1656   |
| 20+20                                                            | 1         | 0         | 1       | 99        |         | 15.89  | 15.97  | 15.80   |            |          |
| 20+20                                                            | 1         | 99        | 1       | 0         |         | 22.29  | 22.46  | 22.42   |            |          |
| 20+20                                                            | 100       | 0         | 100     | 0         | 256-QAM | 19.09  | 19.20  | 19.27   | 19.01      | 0.0796   |
| 20+20                                                            | 1         | 0         | 1       | 99        |         | 15.74  | 15.84  | 15.94   |            |          |
| 20+20                                                            | 1         | 99        | 1       | 0         |         | 19.08  | 19.28  | 19.22   |            |          |
| 20+15                                                            | 100       | 0         | 75      | 0         | QPSK    | 22.09  | 22.31  | 22.34   | 23.95      | 0.2483   |
| 20+15                                                            | 1         | 0         | 1       | 74        |         | 15.60  | 15.69  | 15.71   |            |          |
| 20+15                                                            | 1         | 74        | 1       | 0         |         | 24.12  | 24.13  | 24.22   |            |          |
| 20+15                                                            | 100       | 0         | 75      | 0         | 16-QAM  | 21.10  | 21.27  | 21.31   | 23.31      | 0.2143   |
| 20+15                                                            | 1         | 0         | 1       | 74        |         | 15.87  | 15.91  | 15.98   |            |          |
| 20+15                                                            | 1         | 74        | 1       | 0         |         | 23.26  | 23.53  | 23.58   |            |          |
| 20+15                                                            | 100       | 0         | 75      | 0         | 64-QAM  | 21.11  | 21.23  | 21.33   | 22.32      | 0.1706   |
| 20+15                                                            | 1         | 0         | 1       | 74        |         | 15.80  | 16.03  | 15.93   |            |          |
| 20+15                                                            | 1         | 74        | 1       | 0         |         | 22.33  | 22.40  | 22.59   |            |          |
| 20+15                                                            | 100       | 0         | 75      | 0         | 256-QAM | 19.13  | 19.30  | 19.30   | 19.10      | 0.0813   |
| 20+15                                                            | 1         | 0         | 1       | 74        |         | 15.92  | 15.87  | 15.75   |            |          |
| 20+15                                                            | 1         | 74        | 1       | 0         |         | 19.13  | 19.23  | 19.37   |            |          |
| 15+20                                                            | 75        | 0         | 100     | 0         | QPSK    | 22.06  | 22.24  | 22.31   | 23.91      | 0.2460   |
| 15+20                                                            | 1         | 0         | 1       | 99        |         | 15.53  | 15.69  | 15.72   |            |          |
| 15+20                                                            | 1         | 74        | 1       | 0         |         | 23.89  | 24.14  | 24.18   |            |          |
| 15+20                                                            | 75        | 0         | 100     | 0         | 16-QAM  | 21.15  | 21.29  | 21.32   | 23.24      | 0.2109   |
| 15+20                                                            | 1         | 0         | 1       | 99        |         | 15.88  | 16.19  | 15.98   |            |          |
| 15+20                                                            | 1         | 74        | 1       | 0         |         | 23.41  | 23.47  | 23.51   |            |          |
| 15+20                                                            | 75        | 0         | 100     | 0         | 64-QAM  | 21.08  | 21.22  | 21.32   | 22.29      | 0.1694   |
| 15+20                                                            | 1         | 0         | 1       | 99        |         | 15.89  | 15.90  | 16.01   |            |          |
| 15+20                                                            | 1         | 74        | 1       | 0         |         | 22.29  | 22.44  | 22.56   |            |          |
| 15+20                                                            | 75        | 0         | 100     | 0         | 256-QAM | 19.17  | 19.27  | 19.39   | 19.12      | 0.0817   |
| 15+20                                                            | 1         | 0         | 1       | 99        |         | 16.06  | 15.86  | 15.89   |            |          |
| 15+20                                                            | 1         | 74        | 1       | 0         |         | 19.20  | 19.24  | 19.38   |            |          |
| Limit                                                            | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |         |           |         |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+10                                                            | 100       | 0         | 50      | 0         | QPSK    | 22.09  | 22.23  | 22.37   | 24.23      | 0.2649   |
| 20+10                                                            | 1         | 0         | 1       | 49        |         | 15.50  | 15.72  | 15.82   |            |          |
| 20+10                                                            | 1         | 99        | 1       | 0         |         | 23.85  | 24.23  | 24.50   |            |          |
| 20+10                                                            | 100       | 0         | 50      | 0         | 16-QAM  | 21.04  | 21.25  | 21.34   | 23.40      | 0.2188   |
| 20+10                                                            | 1         | 0         | 1       | 49        |         | 15.85  | 16.09  | 16.06   |            |          |
| 20+10                                                            | 1         | 99        | 1       | 0         |         | 23.35  | 23.64  | 23.67   |            |          |
| 20+10                                                            | 100       | 0         | 50      | 0         | 64-QAM  | 21.06  | 21.27  | 21.35   | 22.41      | 0.1742   |
| 20+10                                                            | 1         | 0         | 1       | 49        |         | 16.00  | 16.11  | 16.02   |            |          |
| 20+10                                                            | 1         | 99        | 1       | 0         |         | 22.11  | 22.49  | 22.68   |            |          |
| 20+10                                                            | 100       | 0         | 50      | 0         | 256-QAM | 19.11  | 19.32  | 19.38   | 19.30      | 0.0851   |
| 20+10                                                            | 1         | 0         | 1       | 49        |         | 15.70  | 16.03  | 16.05   |            |          |
| 20+10                                                            | 1         | 99        | 1       | 0         |         | 19.02  | 19.35  | 19.57   |            |          |
| 10+20                                                            | 50        | 0         | 100     | 0         | QPSK    | 22.06  | 22.20  | 22.28   | 24.05      | 0.2541   |
| 10+20                                                            | 1         | 0         | 1       | 99        |         | 15.49  | 15.69  | 15.79   |            |          |
| 10+20                                                            | 1         | 49        | 1       | 0         |         | 23.84  | 24.20  | 24.32   |            |          |
| 10+20                                                            | 50        | 0         | 100     | 0         | 16-QAM  | 21.09  | 21.22  | 21.31   | 23.27      | 0.2123   |
| 10+20                                                            | 1         | 0         | 1       | 99        |         | 15.86  | 15.88  | 16.10   |            |          |
| 10+20                                                            | 1         | 49        | 1       | 0         |         | 23.28  | 23.45  | 23.54   |            |          |
| 10+20                                                            | 50        | 0         | 100     | 0         | 64-QAM  | 21.06  | 21.18  | 21.32   | 22.21      | 0.1663   |
| 10+20                                                            | 1         | 0         | 1       | 99        |         | 15.70  | 15.91  | 16.06   |            |          |
| 10+20                                                            | 1         | 49        | 1       | 0         |         | 22.16  | 22.44  | 22.48   |            |          |
| 10+20                                                            | 50        | 0         | 100     | 0         | 256-QAM | 19.08  | 19.22  | 19.36   | 19.09      | 0.0811   |
| 10+20                                                            | 1         | 0         | 1       | 99        |         | 15.71  | 15.87  | 15.93   |            |          |
| 10+20                                                            | 1         | 49        | 1       | 0         |         | 19.20  | 19.28  | 19.33   |            |          |
| 20+5                                                             | 100       | 0         | 25      | 0         | QPSK    | 22.07  | 22.27  | 22.37   | 24.06      | 0.2547   |
| 20+5                                                             | 1         | 0         | 1       | 24        |         | 15.63  | 15.73  | 15.80   |            |          |
| 20+5                                                             | 1         | 99        | 1       | 0         |         | 24.19  | 24.33  | 24.28   |            |          |
| 20+5                                                             | 100       | 0         | 25      | 0         | 16-QAM  | 21.10  | 21.29  | 21.36   | 23.35      | 0.2163   |
| 20+5                                                             | 1         | 0         | 1       | 24        |         | 15.89  | 16.12  | 16.09   |            |          |
| 20+5                                                             | 1         | 99        | 1       | 0         |         | 23.27  | 23.54  | 23.62   |            |          |
| 20+5                                                             | 100       | 0         | 25      | 0         | 64-QAM  | 21.10  | 21.30  | 21.41   | 22.45      | 0.1758   |
| 20+5                                                             | 1         | 0         | 1       | 24        |         | 15.83  | 16.10  | 15.99   |            |          |
| 20+5                                                             | 1         | 99        | 1       | 0         |         | 22.42  | 22.72  | 22.60   |            |          |
| 20+5                                                             | 100       | 0         | 25      | 0         | 256-QAM | 19.12  | 19.27  | 19.41   | 19.39      | 0.0869   |
| 20+5                                                             | 1         | 0         | 1       | 24        |         | 15.82  | 15.90  | 16.04   |            |          |
| 20+5                                                             | 1         | 99        | 1       | 0         |         | 19.23  | 19.54  | 19.66   |            |          |
| Limit                                                            | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |         |           |         |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 5+20                                                             | 25        | 0         | 100     | 0         | QPSK    | 22.04  | 22.20  | 22.31   | 23.91      | 0.2460   |
| 5+20                                                             | 1         | 0         | 1       | 99        |         | 15.50  | 15.65  | 15.83   |            |          |
| 5+20                                                             | 1         | 24        | 1       | 0         |         | 23.87  | 24.05  | 24.18   |            |          |
| 5+20                                                             | 25        | 0         | 100     | 0         | 16-QAM  | 21.03  | 21.21  | 21.33   | 23.26      | 0.2118   |
| 5+20                                                             | 1         | 0         | 1       | 99        |         | 15.80  | 15.98  | 16.16   |            |          |
| 5+20                                                             | 1         | 24        | 1       | 0         |         | 23.42  | 23.50  | 23.53   |            |          |
| 5+20                                                             | 25        | 0         | 100     | 0         | 64-QAM  | 21.09  | 21.21  | 21.32   | 22.22      | 0.1667   |
| 5+20                                                             | 1         | 0         | 1       | 99        |         | 15.88  | 15.92  | 16.06   |            |          |
| 5+20                                                             | 1         | 24        | 1       | 0         |         | 22.22  | 22.49  | 22.46   |            |          |
| 5+20                                                             | 25        | 0         | 100     | 0         | 256-QAM | 19.06  | 19.26  | 19.34   | 19.21      | 0.0834   |
| 5+20                                                             | 1         | 0         | 1       | 99        |         | 15.82  | 16.10  | 15.97   |            |          |
| 5+20                                                             | 1         | 24        | 1       | 0         |         | 19.01  | 19.19  | 19.48   |            |          |
| Limit                                                            | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -0.27 dB) |           |           |         |           |         |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 15+10                                                            | 75        | 0         | 50      | 0         | QPSK    | 22.04  | 22.23  | 22.34   | 23.94      | 0.2477   |
| 15+10                                                            | 1         | 0         | 1       | 49        |         | 15.55  | 15.72  | 15.80   |            |          |
| 15+10                                                            | 1         | 74        | 1       | 0         |         | 23.86  | 24.19  | 24.21   |            |          |
| 15+10                                                            | 75        | 0         | 50      | 0         | 16-QAM  | 21.07  | 21.27  | 21.36   | 23.33      | 0.2153   |
| 15+10                                                            | 1         | 0         | 1       | 49        |         | 15.95  | 16.07  | 16.23   |            |          |
| 15+10                                                            | 1         | 74        | 1       | 0         |         | 23.37  | 23.52  | 23.60   |            |          |
| 15+10                                                            | 75        | 0         | 50      | 0         | 64-QAM  | 21.05  | 21.26  | 21.36   | 22.30      | 0.1698   |
| 15+10                                                            | 1         | 0         | 1       | 49        |         | 15.88  | 16.00  | 16.08   |            |          |
| 15+10                                                            | 1         | 74        | 1       | 0         |         | 22.34  | 22.41  | 22.57   |            |          |
| 15+10                                                            | 75        | 0         | 50      | 0         | 256-QAM | 19.13  | 19.23  | 19.37   | 19.17      | 0.0826   |
| 15+10                                                            | 1         | 0         | 1       | 49        |         | 15.80  | 15.79  | 15.97   |            |          |
| 15+10                                                            | 1         | 74        | 1       | 0         |         | 19.04  | 19.24  | 19.44   |            |          |
| 10+15                                                            | 50        | 0         | 75      | 0         | QPSK    | 22.10  | 22.27  | 22.33   | 23.91      | 0.2460   |
| 10+15                                                            | 1         | 0         | 1       | 74        |         | 15.51  | 15.68  | 15.89   |            |          |
| 10+15                                                            | 1         | 49        | 1       | 0         |         | 23.84  | 24.05  | 24.18   |            |          |
| 10+15                                                            | 50        | 0         | 75      | 0         | 16-QAM  | 21.09  | 21.26  | 21.32   | 23.33      | 0.2153   |
| 10+15                                                            | 1         | 0         | 1       | 74        |         | 16.03  | 16.08  | 16.08   |            |          |
| 10+15                                                            | 1         | 49        | 1       | 0         |         | 23.26  | 23.47  | 23.60   |            |          |
| 10+15                                                            | 50        | 0         | 75      | 0         | 64-QAM  | 21.11  | 21.22  | 21.35   | 22.27      | 0.1687   |
| 10+15                                                            | 1         | 0         | 1       | 74        |         | 15.95  | 15.97  | 16.02   |            |          |
| 10+15                                                            | 1         | 49        | 1       | 0         |         | 22.34  | 22.28  | 22.54   |            |          |
| 10+15                                                            | 50        | 0         | 75      | 0         | 256-QAM | 19.12  | 19.24  | 19.37   | 19.10      | 0.0813   |
| 10+15                                                            | 1         | 0         | 1       | 74        |         | 15.96  | 15.94  | 16.12   |            |          |
| 10+15                                                            | 1         | 49        | 1       | 0         |         | 19.12  | 19.24  | 19.33   |            |          |
| 15+15                                                            | 75        | 0         | 75      | 0         | QPSK    | 21.99  | 22.28  | 22.34   | 23.87      | 0.2438   |
| 15+15                                                            | 1         | 0         | 1       | 74        |         | 15.56  | 15.69  | 15.76   |            |          |
| 15+15                                                            | 1         | 74        | 1       | 0         |         | 24.05  | 24.12  | 24.14   |            |          |
| 15+15                                                            | 75        | 0         | 75      | 0         | 16-QAM  | 21.06  | 21.26  | 21.32   | 23.34      | 0.2158   |
| 15+15                                                            | 1         | 0         | 1       | 74        |         | 15.89  | 16.02  | 16.07   |            |          |
| 15+15                                                            | 1         | 74        | 1       | 0         |         | 23.20  | 23.61  | 23.44   |            |          |
| 15+15                                                            | 75        | 0         | 75      | 0         | 64-QAM  | 21.12  | 21.24  | 21.33   | 22.28      | 0.1690   |
| 15+15                                                            | 1         | 0         | 1       | 74        |         | 15.83  | 15.84  | 16.03   |            |          |
| 15+15                                                            | 1         | 74        | 1       | 0         |         | 22.11  | 22.55  | 22.43   |            |          |
| 15+15                                                            | 75        | 0         | 75      | 0         | 256-QAM | 19.06  | 19.28  | 19.35   | 19.26      | 0.0843   |
| 15+15                                                            | 1         | 0         | 1       | 74        |         | 16.11  | 16.03  | 16.00   |            |          |
| 15+15                                                            | 1         | 74        | 1       | 0         |         | 19.04  | 19.21  | 19.53   |            |          |
| Limit                                                            | EIRP < 1W |           |         |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -7.07 dB) |           |           |         |           |         |        |        |         |            |          |
|-----------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                        | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                 | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | QPSK    | 23.12  | 23.11  | 23.08   | 17.69      | 0.0587   |
| 20+20                                                           | 1         | 0         | 1       | 99        |         | 16.53  | 16.42  | 16.22   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |         | 24.76  | 24.66  | 24.56   |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | 16-QAM  | 22.04  | 21.97  | 21.86   | 17.19      | 0.0524   |
| 20+20                                                           | 1         | 0         | 1       | 99        |         | 16.75  | 16.85  | 16.77   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |         | 24.21  | 24.26  | 24.15   |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | 64-QAM  | 22.06  | 22.04  | 22.02   | 16.53      | 0.0450   |
| 20+20                                                           | 1         | 0         | 1       | 99        |         | 16.73  | 16.61  | 16.50   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |         | 23.60  | 23.14  | 23.11   |            |          |
| 20+20                                                           | 100       | 0         | 100     | 0         | 256-QAM | 20.09  | 20.00  | 19.98   | 13.02      | 0.0200   |
| 20+20                                                           | 1         | 0         | 1       | 99        |         | 16.59  | 16.56  | 16.55   |            |          |
| 20+20                                                           | 1         | 99        | 1       | 0         |         | 20.00  | 19.95  | 19.87   |            |          |
| 20+15                                                           | 100       | 0         | 75      | 0         | QPSK    | 23.15  | 23.12  | 23.10   | 17.67      | 0.0585   |
| 20+15                                                           | 1         | 0         | 1       | 74        |         | 16.59  | 16.59  | 16.52   |            |          |
| 20+15                                                           | 1         | 99        | 1       | 0         |         | 24.74  | 24.64  | 24.65   |            |          |
| 20+15                                                           | 100       | 0         | 75      | 0         | 16-QAM  | 22.06  | 22.06  | 22.02   | 17.20      | 0.0525   |
| 20+15                                                           | 1         | 0         | 1       | 74        |         | 16.77  | 16.81  | 16.65   |            |          |
| 20+15                                                           | 1         | 99        | 1       | 0         |         | 24.15  | 24.27  | 24.16   |            |          |
| 20+15                                                           | 100       | 0         | 75      | 0         | 64-QAM  | 22.03  | 22.02  | 22.01   | 16.43      | 0.0440   |
| 20+15                                                           | 1         | 0         | 1       | 74        |         | 16.70  | 16.62  | 16.57   |            |          |
| 20+15                                                           | 1         | 99        | 1       | 0         |         | 23.50  | 23.19  | 22.24   |            |          |
| 20+15                                                           | 100       | 0         | 75      | 0         | 256-QAM | 20.03  | 20.01  | 19.96   | 13.04      | 0.0201   |
| 20+15                                                           | 1         | 0         | 1       | 74        |         | 16.49  | 16.43  | 16.56   |            |          |
| 20+15                                                           | 1         | 99        | 1       | 0         |         | 20.11  | 20.02  | 19.87   |            |          |
| 15+20                                                           | 75        | 0         | 100     | 0         | QPSK    | 23.10  | 23.12  | 23.07   | 17.65      | 0.0582   |
| 15+20                                                           | 1         | 0         | 1       | 99        |         | 16.51  | 16.54  | 16.54   |            |          |
| 15+20                                                           | 1         | 74        | 1       | 0         |         | 24.72  | 24.72  | 24.72   |            |          |
| 15+20                                                           | 75        | 0         | 100     | 0         | 16-QAM  | 22.06  | 22.05  | 22.00   | 17.20      | 0.0525   |
| 15+20                                                           | 1         | 0         | 1       | 99        |         | 16.70  | 16.73  | 16.73   |            |          |
| 15+20                                                           | 1         | 74        | 1       | 0         |         | 24.14  | 24.27  | 24.08   |            |          |
| 15+20                                                           | 75        | 0         | 100     | 0         | 64-QAM  | 21.99  | 22.04  | 22.00   | 16.06      | 0.0404   |
| 15+20                                                           | 1         | 0         | 1       | 99        |         | 16.64  | 16.47  | 16.67   |            |          |
| 15+20                                                           | 1         | 74        | 1       | 0         |         | 23.13  | 23.13  | 22.67   |            |          |
| 15+20                                                           | 75        | 0         | 100     | 0         | 256-QAM | 20.06  | 20.09  | 20.14   | 13.07      | 0.0203   |
| 15+20                                                           | 1         | 0         | 1       | 99        |         | 16.44  | 16.48  | 16.60   |            |          |
| 15+20                                                           | 1         | 74        | 1       | 0         |         | 20.07  | 20.14  | 20.04   |            |          |
| Limit                                                           | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -7.07 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    | 23.10  | 23.12  | 23.02   | 17.62      | 0.0578   |
| 20+10                                                           | 1         | 0         | 1       | 49        |         | 16.53  | 16.49  | 16.58   |            |          |
| 20+10                                                           | 1         | 99        | 1       | 0         |         | 24.67  | 24.69  | 24.61   |            |          |
| 20+10                                                           | 100       | 0         | 50      | 0         | 16-QAM  | 22.01  | 22.03  | 21.96   | 17.28      | 0.0535   |
| 20+10                                                           | 1         | 0         | 1       | 49        |         | 16.68  | 16.74  | 16.82   |            |          |
| 20+10                                                           | 1         | 99        | 1       | 0         |         | 24.19  | 24.35  | 23.95   |            |          |
| 20+10                                                           | 100       | 0         | 50      | 0         | 64-QAM  | 22.01  | 22.01  | 21.97   | 16.24      | 0.0421   |
| 20+10                                                           | 1         | 0         | 1       | 49        |         | 16.73  | 16.64  | 16.59   |            |          |
| 20+10                                                           | 1         | 99        | 1       | 0         |         | 23.21  | 23.31  | 21.91   |            |          |
| 20+10                                                           | 100       | 0         | 50      | 0         | 256-QAM | 20.04  | 20.02  | 19.96   | 12.97      | 0.0198   |
| 20+10                                                           | 1         | 0         | 1       | 49        |         | 16.62  | 16.47  | 16.46   |            |          |
| 20+10                                                           | 1         | 99        | 1       | 0         |         | 20.02  | 19.99  | 20.01   |            |          |
| 10+20                                                           | 50        | 0         | 100     | 0         | QPSK    | 22.94  | 23.03  | 23.03   | 18.06      | 0.0640   |
| 10+20                                                           | 1         | 0         | 1       | 99        |         | 16.52  | 16.50  | 16.49   |            |          |
| 10+20                                                           | 1         | 49        | 1       | 0         |         | 24.66  | 25.13  | 24.67   |            |          |
| 10+20                                                           | 50        | 0         | 100     | 0         | 16-QAM  | 21.92  | 22.03  | 21.96   | 17.42      | 0.0552   |
| 10+20                                                           | 1         | 0         | 1       | 99        |         | 16.77  | 16.63  | 16.71   |            |          |
| 10+20                                                           | 1         | 49        | 1       | 0         |         | 24.18  | 24.09  | 24.49   |            |          |
| 10+20                                                           | 50        | 0         | 100     | 0         | 64-QAM  | 21.96  | 21.97  | 21.99   | 16.07      | 0.0405   |
| 10+20                                                           | 1         | 0         | 1       | 99        |         | 16.60  | 16.58  | 16.54   |            |          |
| 10+20                                                           | 1         | 49        | 1       | 0         |         | 23.14  | 23.07  | 22.40   |            |          |
| 10+20                                                           | 50        | 0         | 100     | 0         | 256-QAM | 19.98  | 19.99  | 19.96   | 12.92      | 0.0196   |
| 10+20                                                           | 1         | 0         | 1       | 99        |         | 16.51  | 16.47  | 16.41   |            |          |
| 10+20                                                           | 1         | 49        | 1       | 0         |         | 19.96  | 19.99  | 19.92   |            |          |
| 15+15                                                           | 75        | 0         | 75      | 0         | QPSK    | 23.06  | 23.11  | 23.03   | 17.69      | 0.0587   |
| 15+15                                                           | 1         | 0         | 1       | 74        |         | 16.51  | 16.57  | 16.55   |            |          |
| 15+15                                                           | 1         | 74        | 1       | 0         |         | 24.73  | 24.76  | 24.65   |            |          |
| 15+15                                                           | 75        | 0         | 75      | 0         | 16-QAM  | 22.04  | 22.01  | 22.02   | 17.10      | 0.0513   |
| 15+15                                                           | 1         | 0         | 1       | 74        |         | 16.74  | 16.76  | 16.80   |            |          |
| 15+15                                                           | 1         | 74        | 1       | 0         |         | 24.15  | 24.17  | 24.08   |            |          |
| 15+15                                                           | 75        | 0         | 75      | 0         | 64-QAM  | 22.05  | 22.02  | 22.04   | 16.20      | 0.0417   |
| 15+15                                                           | 1         | 0         | 1       | 74        |         | 16.60  | 16.66  | 16.60   |            |          |
| 15+15                                                           | 1         | 74        | 1       | 0         |         | 23.22  | 23.27  | 22.13   |            |          |
| 15+15                                                           | 75        | 0         | 75      | 0         | 256-QAM | 20.02  | 20.02  | 19.99   | 12.95      | 0.0197   |
| 15+15                                                           | 1         | 0         | 1       | 74        |         | 16.46  | 16.59  | 16.75   |            |          |
| 15+15                                                           | 1         | 74        | 1       | 0         |         | 20.01  | 20.02  | 19.97   |            |          |
| Limit                                                           | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -7.07 dB) |           |           |         |           |         |        |        |         |            |          |
|-----------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                        | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                 | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 15+10                                                           | 75        | 0         | 50      | 0         | QPSK    | 23.13  | 23.06  | 22.98   | 17.69      | 0.0587   |
| 15+10                                                           | 1         | 0         | 1       | 49        |         | 16.60  | 16.54  | 16.54   |            |          |
| 15+10                                                           | 1         | 74        | 1       | 0         |         | 24.72  | 24.76  | 24.61   |            |          |
| 15+10                                                           | 75        | 0         | 50      | 0         | 16-QAM  | 22.02  | 22.02  | 21.90   | 17.28      | 0.0535   |
| 15+10                                                           | 1         | 0         | 1       | 49        |         | 16.81  | 16.77  | 16.66   |            |          |
| 15+10                                                           | 1         | 74        | 1       | 0         |         | 24.35  | 24.22  | 24.11   |            |          |
| 15+10                                                           | 75        | 0         | 50      | 0         | 64-QAM  | 22.04  | 22.02  | 21.91   | 16.18      | 0.0415   |
| 15+10                                                           | 1         | 0         | 1       | 49        |         | 16.66  | 16.49  | 16.51   |            |          |
| 15+10                                                           | 1         | 74        | 1       | 0         |         | 23.08  | 23.25  | 21.92   |            |          |
| 15+10                                                           | 75        | 0         | 50      | 0         | 256-QAM | 20.08  | 20.01  | 19.89   | 13.01      | 0.0200   |
| 15+10                                                           | 1         | 0         | 1       | 49        |         | 16.58  | 16.42  | 16.43   |            |          |
| 15+10                                                           | 1         | 74        | 1       | 0         |         | 20.00  | 19.99  | 19.88   |            |          |
| Limit                                                           | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |





| LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = -7.67 dB) |           |           |         |           |         |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+20                                                            | 100       | 0         | 100     | 0         | QPSK    | 23.09  | 23.12  | 23.12   | 17.12      | 0.0515   |
| 20+20                                                            | 1         | 0         | 1       | 99        |         | 16.72  | 16.70  | 16.69   |            |          |
| 20+20                                                            | 1         | 99        | 1       | 0         |         | 24.79  | 24.73  | 24.77   |            |          |
| 20+20                                                            | 100       | 0         | 100     | 0         | 16-QAM  | 22.13  | 22.13  | 22.14   | 16.77      | 0.0475   |
| 20+20                                                            | 1         | 0         | 1       | 99        |         | 17.14  | 16.98  | 16.99   |            |          |
| 20+20                                                            | 1         | 99        | 1       | 0         |         | 24.31  | 24.29  | 24.44   |            |          |
| 20+20                                                            | 100       | 0         | 100     | 0         | 64-QAM  | 22.10  | 22.07  | 22.11   | 15.78      | 0.0378   |
| 20+20                                                            | 1         | 0         | 1       | 99        |         | 16.84  | 16.85  | 16.90   |            |          |
| 20+20                                                            | 1         | 99        | 1       | 0         |         | 23.42  | 23.36  | 23.45   |            |          |
| 20+20                                                            | 100       | 0         | 100     | 0         | 256-QAM | 20.22  | 20.04  | 20.19   | 12.55      | 0.0180   |
| 20+20                                                            | 1         | 0         | 1       | 99        |         | 16.76  | 16.76  | 16.63   |            |          |
| 20+20                                                            | 1         | 99        | 1       | 0         |         | 20.14  | 20.10  | 20.14   |            |          |
| 15+15                                                            | 75        | 0         | 75      | 0         | QPSK    | 23.1   | 23.15  | 23.14   | 17.16      | 0.0520   |
| 15+15                                                            | 1         | 0         | 1       | 74        |         | 16.72  | 16.68  | 16.73   |            |          |
| 15+15                                                            | 1         | 74        | 1       | 0         |         | 24.83  | 24.77  | 24.80   |            |          |
| 15+15                                                            | 75        | 0         | 75      | 0         | 16-QAM  | 22.08  | 22.13  | 22.13   | 16.73      | 0.0471   |
| 15+15                                                            | 1         | 0         | 1       | 74        |         | 16.91  | 17.09  | 17.05   |            |          |
| 15+15                                                            | 1         | 74        | 1       | 0         |         | 24.39  | 24.40  | 24.33   |            |          |
| 15+15                                                            | 75        | 0         | 75      | 0         | 64-QAM  | 22.09  | 22.08  | 22.12   | 15.90      | 0.0389   |
| 15+15                                                            | 1         | 0         | 1       | 74        |         | 16.95  | 16.92  | 16.86   |            |          |
| 15+15                                                            | 1         | 74        | 1       | 0         |         | 23.42  | 23.52  | 23.57   |            |          |
| 15+15                                                            | 75        | 0         | 75      | 0         | 256-QAM | 20.21  | 20.21  | 20.21   | 12.58      | 0.0181   |
| 15+15                                                            | 1         | 0         | 1       | 74        |         | 17.49  | 16.71  | 16.71   |            |          |
| 15+15                                                            | 1         | 74        | 1       | 0         |         | 20.18  | 20.02  | 20.25   |            |          |
| Limit                                                            | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -7.04 dB) |           |           |         |           |         |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+20                                                            | 100       | 0         | 100     | 0         | QPSK    | 22.22  | 22.06  | 22.43   | 17.15      | 0.0519   |
| 20+20                                                            | 1         | 0         | 1       | 99        |         | 15.82  | 15.61  | 15.95   |            |          |
| 20+20                                                            | 1         | 99        | 1       | 0         |         | 24.05  | 23.83  | 24.19   |            |          |
| 20+20                                                            | 100       | 0         | 100     | 0         | 16-QAM  | 21.29  | 21.11  | 21.46   | 16.78      | 0.0476   |
| 20+20                                                            | 1         | 0         | 1       | 99        |         | 16.16  | -      | 16.30   |            |          |
| 20+20                                                            | 1         | 99        | 1       | 0         |         | 23.55  | -      | 23.82   |            |          |
| 20+20                                                            | 100       | 0         | 100     | 0         | 64-QAM  | 21.27  | 21.06  | 21.47   | 15.76      | 0.0377   |
| 20+20                                                            | 1         | 0         | 1       | 99        |         | 15.99  | -      | 16.01   |            |          |
| 20+20                                                            | 1         | 99        | 1       | 0         |         | 22.48  | -      | 22.80   |            |          |
| 20+20                                                            | 100       | 0         | 100     | 0         | 256-QAM | 19.30  | 19.14  | 19.50   | 12.46      | 0.0176   |
| 20+20                                                            | 1         | 0         | 1       | 99        |         | 16.13  | -      | 15.98   |            |          |
| 20+20                                                            | 1         | 99        | 1       | 0         |         | 19.25  | -      | 19.42   |            |          |
| 20+15                                                            | 100       | 0         | 75      | 0         | QPSK    | 22.29  | 22.03  | 22.47   | 17.17      | 0.0521   |
| 20+15                                                            | 1         | 0         | 1       | 74        |         | 15.90  | 15.66  | 16.02   |            |          |
| 20+15                                                            | 1         | 99        | 1       | 0         |         | 24.05  | 23.84  | 24.21   |            |          |
| 20+15                                                            | 100       | 0         | 75      | 0         | 16-QAM  | 21.32  | 21.08  | 21.52   | 16.85      | 0.0484   |
| 20+15                                                            | 1         | 0         | 1       | 74        |         | 16.22  | -      | 16.35   |            |          |
| 20+15                                                            | 1         | 99        | 1       | 0         |         | 23.56  | -      | 23.89   |            |          |
| 20+15                                                            | 100       | 0         | 75      | 0         | 64-QAM  | 21.29  | 21.08  | 21.52   | 15.76      | 0.0377   |
| 20+15                                                            | 1         | 0         | 1       | 74        |         | 16.08  | -      | 16.29   |            |          |
| 20+15                                                            | 1         | 99        | 1       | 0         |         | 22.54  | -      | 22.80   |            |          |
| 20+15                                                            | 100       | 0         | 75      | 0         | 256-QAM | 19.37  | 19.12  | 19.54   | 12.50      | 0.0178   |
| 20+15                                                            | 1         | 0         | 1       | 74        |         | 15.79  | -      | 16.39   |            |          |
| 20+15                                                            | 1         | 99        | 1       | 0         |         | 19.20  | -      | 19.42   |            |          |
| 15+20                                                            | 75        | 0         | 100     | 0         | QPSK    | 22.28  | 22.04  | 22.50   | 17.21      | 0.0526   |
| 15+20                                                            | 1         | 0         | 1       | 99        |         | 15.86  | 15.66  | 16.07   |            |          |
| 15+20                                                            | 1         | 74        | 1       | 0         |         | 24.08  | 23.91  | 24.25   |            |          |
| 15+20                                                            | 75        | 0         | 100     | 0         | 16-QAM  | 21.31  | 21.08  | 21.56   | 16.73      | 0.0471   |
| 15+20                                                            | 1         | 0         | 1       | 99        |         | 16.18  | -      | 16.38   |            |          |
| 15+20                                                            | 1         | 74        | 1       | 0         |         | 23.58  | -      | 23.77   |            |          |
| 15+20                                                            | 75        | 0         | 100     | 0         | 64-QAM  | 21.34  | 21.07  | 21.56   | 15.76      | 0.0377   |
| 15+20                                                            | 1         | 0         | 1       | 99        |         | 15.96  | -      | 16.25   |            |          |
| 15+20                                                            | 1         | 74        | 1       | 0         |         | 22.56  | -      | 22.80   |            |          |
| 15+20                                                            | 75        | 0         | 100     | 0         | 256-QAM | 19.36  | 19.10  | 19.56   | 12.52      | 0.0179   |
| 15+20                                                            | 1         | 0         | 1       | 99        |         | 16.14  | -      | 16.00   |            |          |
| 15+20                                                            | 1         | 74        | 1       | 0         |         | 19.27  | -      | 19.46   |            |          |
| Limit                                                            | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -7.04 dB) |           |           |         |           |         |        |        |         |            |          |
|------------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                         | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                  | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 20+10                                                            | 100       | 0         | 50      | 0         | QPSK    | 22.27  | 22.05  | 22.54   | 17.26      | 0.0532   |
| 20+10                                                            | 1         | 0         | 1       | 49        |         | 15.88  | 15.76  | 16.22   |            |          |
| 20+10                                                            | 1         | 99        | 1       | 0         |         | 24.09  | 23.92  | 24.30   |            |          |
| 20+10                                                            | 100       | 0         | 50      | 0         | 16-QAM  | 21.34  | 21.12  | 21.58   | 16.80      | 0.0479   |
| 20+10                                                            | 1         | 0         | 1       | 49        |         | 16.26  | -      | 16.56   |            |          |
| 20+10                                                            | 1         | 99        | 1       | 0         |         | 23.65  | -      | 23.84   |            |          |
| 20+10                                                            | 100       | 0         | 50      | 0         | 64-QAM  | 21.32  | 21.11  | 21.57   | 15.80      | 0.0380   |
| 20+10                                                            | 1         | 0         | 1       | 49        |         | 16.13  | -      | 16.43   |            |          |
| 20+10                                                            | 1         | 99        | 1       | 0         |         | 22.66  | -      | 22.84   |            |          |
| 20+10                                                            | 100       | 0         | 50      | 0         | 256-QAM | 19.36  | 19.11  | 19.63   | 12.59      | 0.0182   |
| 20+10                                                            | 1         | 0         | 1       | 49        |         | 16.03  | -      | 16.19   |            |          |
| 20+10                                                            | 1         | 99        | 1       | 0         |         | 19.31  | -      | 19.55   |            |          |
| 10+20                                                            | 50        | 0         | 100     | 0         | QPSK    | 22.36  | 22.06  | 22.58   | 17.19      | 0.0524   |
| 10+20                                                            | 1         | 0         | 1       | 99        |         | 16.01  | 15.73  | 16.18   |            |          |
| 10+20                                                            | 1         | 49        | 1       | 0         |         | 24.11  | 23.99  | 24.23   |            |          |
| 10+20                                                            | 50        | 0         | 100     | 0         | 16-QAM  | 21.32  | 21.13  | 21.60   | 16.80      | 0.0479   |
| 10+20                                                            | 1         | 0         | 1       | 99        |         | 16.49  | -      | 16.46   |            |          |
| 10+20                                                            | 1         | 49        | 1       | 0         |         | 23.57  | -      | 23.84   |            |          |
| 10+20                                                            | 50        | 0         | 100     | 0         | 64-QAM  | 21.41  | 21.08  | 21.52   | 15.60      | 0.0363   |
| 10+20                                                            | 1         | 0         | 1       | 99        |         | 15.97  | -      | 16.35   |            |          |
| 10+20                                                            | 1         | 49        | 1       | 0         |         | 22.64  | -      | 22.41   |            |          |
| 10+20                                                            | 50        | 0         | 100     | 0         | 256-QAM | 19.37  | 19.12  | 19.63   | 12.60      | 0.0182   |
| 10+20                                                            | 1         | 0         | 1       | 99        |         | 15.99  | -      | 16.20   |            |          |
| 10+20                                                            | 1         | 49        | 1       | 0         |         | 19.57  | -      | 19.64   |            |          |
| 20+5                                                             | 100       | 0         | 25      | 0         | QPSK    | 22.30  | 22.09  | 22.48   | 17.24      | 0.0530   |
| 20+5                                                             | 1         | 0         | 1       | 24        |         | 13.85  | 13.74  | 16.15   |            |          |
| 20+5                                                             | 1         | 99        | 1       | 0         |         | 24.09  | 24.00  | 24.28   |            |          |
| 20+5                                                             | 100       | 0         | 25      | 0         | 16-QAM  | 21.32  | 21.10  | 21.53   | 16.73      | 0.0471   |
| 20+5                                                             | 1         | 0         | 1       | 24        |         | 14.26  | -      | 16.42   |            |          |
| 20+5                                                             | 1         | 99        | 1       | 0         |         | 23.62  | -      | 23.77   |            |          |
| 20+5                                                             | 100       | 0         | 25      | 0         | 64-QAM  | 21.32  | 21.12  | 21.53   | 15.86      | 0.0385   |
| 20+5                                                             | 1         | 0         | 1       | 24        |         | 14.25  | -      | 16.36   |            |          |
| 20+5                                                             | 1         | 99        | 1       | 0         |         | 22.58  | -      | 22.90   |            |          |
| 20+5                                                             | 100       | 0         | 25      | 0         | 256-QAM | 19.35  | 19.16  | 19.55   | 12.79      | 0.0190   |
| 20+5                                                             | 1         | 0         | 1       | 24        |         | 14.01  | -      | 16.06   |            |          |
| 20+5                                                             | 1         | 99        | 1       | 0         |         | 19.37  | -      | 19.83   |            |          |
| Limit                                                            | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -7.04 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    | 20.33  | 20.10  | 22.57   | 17.35      | 0.0543   |
| 5+20                                                             | 1         | 0         | 1       | 99        |         | 13.85  | 13.70  | 15.97   |            |          |
| 5+20                                                             | 1         | 24        | 1       | 0         |         | 24.22  | 24.00  | 24.39   |            |          |
| 5+20                                                             | 25        | 0         | 100     | 0         | 16-QAM  | 21.38  | 21.14  | 21.58   | 16.66      | 0.0463   |
| 5+20                                                             | 1         | 0         | 1       | 99        |         | 14.30  | -      | 16.49   |            |          |
| 5+20                                                             | 1         | 24        | 1       | 0         |         | 23.67  | -      | 23.70   |            |          |
| 5+20                                                             | 25        | 0         | 100     | 0         | 64-QAM  | 21.33  | 21.07  | 21.62   | 15.79      | 0.0379   |
| 5+20                                                             | 1         | 0         | 1       | 99        |         | 14.22  | -      | 16.36   |            |          |
| 5+20                                                             | 1         | 24        | 1       | 0         |         | 22.70  | -      | 22.83   |            |          |
| 5+20                                                             | 25        | 0         | 100     | 0         | 256-QAM | 19.39  | 19.18  | 19.62   | 12.58      | 0.0181   |
| 5+20                                                             | 1         | 0         | 1       | 99        |         | 14.46  | -      | 15.92   |            |          |
| 5+20                                                             | 1         | 24        | 1       | 0         |         | 19.50  | -      | 19.53   |            |          |
| 15+10                                                            | 75        | 0         | 50      | 0         | QPSK    | 22.29  | 22.07  | 22.48   | 17.22      | 0.0527   |
| 15+10                                                            | 1         | 0         | 1       | 49        |         | 13.81  | 13.77  | 16.15   |            |          |
| 15+10                                                            | 1         | 74        | 1       | 0         |         | 24.09  | 23.93  | 24.26   |            |          |
| 15+10                                                            | 75        | 0         | 50      | 0         | 16-QAM  | 21.40  | 21.11  | 21.51   | 16.79      | 0.0478   |
| 15+10                                                            | 1         | 0         | 1       | 49        |         | 14.26  | -      | 16.37   |            |          |
| 15+10                                                            | 1         | 74        | 1       | 0         |         | 23.57  | -      | 23.83   |            |          |
| 15+10                                                            | 75        | 0         | 50      | 0         | 64-QAM  | 21.38  | 21.10  | 21.51   | 15.96      | 0.0394   |
| 15+10                                                            | 1         | 0         | 1       | 49        |         | 13.85  | -      | 16.36   |            |          |
| 15+10                                                            | 1         | 74        | 1       | 0         |         | 22.62  | -      | 23.00   |            |          |
| 15+10                                                            | 75        | 0         | 50      | 0         | 256-QAM | 19.38  | 19.13  | 19.57   | 12.88      | 0.0194   |
| 15+10                                                            | 1         | 0         | 1       | 49        |         | 14.08  | -      | 16.77   |            |          |
| 15+10                                                            | 1         | 74        | 1       | 0         |         | 17.48  | -      | 19.92   |            |          |
| 10+15                                                            | 50        | 0         | 75      | 0         | QPSK    | 22.33  | 22.04  | 22.50   | 17.28      | 0.0535   |
| 10+15                                                            | 1         | 0         | 1       | 74        |         | 13.85  | 13.76  | 16.17   |            |          |
| 10+15                                                            | 1         | 49        | 1       | 0         |         | 24.13  | 23.95  | 24.32   |            |          |
| 10+15                                                            | 50        | 0         | 75      | 0         | 16-QAM  | 21.39  | 21.10  | 21.61   | 16.73      | 0.0471   |
| 10+15                                                            | 1         | 0         | 1       | 74        |         | 14.35  | -      | 16.36   |            |          |
| 10+15                                                            | 1         | 49        | 1       | 0         |         | 23.62  | -      | 23.77   |            |          |
| 10+15                                                            | 50        | 0         | 75      | 0         | 64-QAM  | 21.37  | 21.14  | 21.59   | 15.83      | 0.0383   |
| 10+15                                                            | 1         | 0         | 1       | 74        |         | 14.04  | -      | -       |            |          |
| 10+15                                                            | 1         | 49        | 1       | 0         |         | 22.69  | -      | 22.87   |            |          |
| 10+15                                                            | 50        | 0         | 75      | 0         | 256-QAM | 19.40  | 19.14  | 19.60   | 12.66      | 0.0185   |
| 10+15                                                            | 1         | 0         | 1       | 74        |         | 14.10  | -      | 16.35   |            |          |
| 10+15                                                            | 1         | 49        | 1       | 0         |         | 19.33  | -      | 19.70   |            |          |
| Limit                                                            | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -7.04 dB) |           |    |    |    |         |        |       |       |       |        |
|------------------------------------------------------------------|-----------|----|----|----|---------|--------|-------|-------|-------|--------|
| 15+15                                                            | 75        | 0  | 75 | 0  | QPSK    | 20.34  | 20.10 | 22.50 | 17.22 | 0.0527 |
| 15+15                                                            | 1         | 0  | 1  | 74 |         | 15.80  | 15.72 | 16.04 |       |        |
| 15+15                                                            | 1         | 74 | 1  | 0  |         | 24.09  | 23.89 | 24.26 |       |        |
| 15+15                                                            | 75        | 0  | 75 | 0  | 16-QAM  | 20.32  | 20.05 | 21.55 | 16.91 | 0.0491 |
| 15+15                                                            | 1         | 0  | 1  | 74 |         | 16.25  | -     | 16.60 |       |        |
| 15+15                                                            | 1         | 74 | 1  | 0  |         | 23.64  | -     | 23.95 |       |        |
| 15+15                                                            | 75        | 0  | 75 | 0  | 64-QAM  | 20.34  | 20.06 | 21.54 | 15.76 | 0.0377 |
| 15+15                                                            | 1         | 0  | 1  | 74 |         | 16.10  | -     | 16.32 |       |        |
| 15+15                                                            | 1         | 74 | 1  | 0  |         | 22.46  | -     | 22.80 |       |        |
| 15+15                                                            | 75        | 0  | 75 | 0  | 256-QAM | 20.40  | 20.16 | 19.57 | 13.36 | 0.0217 |
| 15+15                                                            | 1         | 0  | 1  | 74 |         | 16.08  | -     | 16.19 |       |        |
| 15+15                                                            | 1         | 74 | 1  | 0  |         | 19.23  | -     | 19.68 |       |        |
| Limit                                                            | EIRP < 2W |    |    |    |         | Result |       |       | Pass  |        |



| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = -7.04 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    | 24.65  | 24.51  | 24.86   | 19.40      | 0.0871   |
| 20+20                                                                  | 1         | 0         | 1       | 99        |         | 18.24  | 18.08  | 18.31   |            |          |
| 20+20                                                                  | 1         | 99        | 1       | 0         |         | 26.28  | 26.13  | 26.44   |            |          |
| 20+20                                                                  | 100       | 0         | 100     | 0         | 16-QAM  | 23.65  | 23.53  | 23.88   | 18.62      | 0.0728   |
| 20+20                                                                  | 1         | 0         | 1       | 99        |         | 18.55  | 18.39  | 18.78   |            |          |
| 20+20                                                                  | 1         | 99        | 1       | 0         |         | 25.45  | 25.34  | 25.66   |            |          |
| 20+20                                                                  | 100       | 0         | 100     | 0         | 64-QAM  | 23.63  | 23.51  | 23.87   | 17.45      | 0.0556   |
| 20+20                                                                  | 1         | 0         | 1       | 99        |         | 18.49  | 18.27  | 18.58   |            |          |
| 20+20                                                                  | 1         | 99        | 1       | 0         |         | 24.31  | 23.73  | 24.49   |            |          |
| 20+20                                                                  | 100       | 0         | 100     | 0         | 256-QAM | 21.74  | 21.56  | 21.88   | 15.10      | 0.0324   |
| 20+20                                                                  | 1         | 0         | 1       | 99        |         | 18.54  | 18.29  | 18.54   |            |          |
| 20+20                                                                  | 1         | 99        | 1       | 0         |         | 21.94  | 21.62  | 22.14   |            |          |
| 20+15                                                                  | 100       | 0         | 75      | 0         | QPSK    | 24.65  | 24.49  | 24.87   | 19.44      | 0.0879   |
| 20+15                                                                  | 1         | 0         | 1       | 74        |         | 18.27  | 18.07  | 18.48   |            |          |
| 20+15                                                                  | 1         | 99        | 1       | 0         |         | 26.26  | 26.17  | 26.48   |            |          |
| 20+15                                                                  | 100       | 0         | 75      | 0         | 16-QAM  | 23.67  | 23.53  | 23.88   | 18.73      | 0.0746   |
| 20+15                                                                  | 1         | 0         | 1       | 74        |         | 18.63  | 18.37  | 18.82   |            |          |
| 20+15                                                                  | 1         | 99        | 1       | 0         |         | 25.51  | 25.32  | 25.77   |            |          |
| 20+15                                                                  | 100       | 0         | 75      | 0         | 64-QAM  | 23.68  | 23.56  | 23.91   | 17.45      | 0.0556   |
| 20+15                                                                  | 1         | 0         | 1       | 74        |         | 18.58  | 18.30  | 18.73   |            |          |
| 20+15                                                                  | 1         | 99        | 1       | 0         |         | 24.37  | 23.72  | 24.49   |            |          |
| 20+15                                                                  | 100       | 0         | 75      | 0         | 256-QAM | 21.71  | 21.61  | 21.95   | 14.96      | 0.0313   |
| 20+15                                                                  | 1         | 0         | 1       | 74        |         | 18.48  | 18.17  | 18.51   |            |          |
| 20+15                                                                  | 1         | 99        | 1       | 0         |         | 21.81  | 21.59  | 22.00   |            |          |
| 15+20                                                                  | 75        | 0         | 100     | 0         | QPSK    | 24.65  | 24.53  | 24.90   | 19.44      | 0.0879   |
| 15+20                                                                  | 1         | 0         | 1       | 99        |         | 18.27  | 18.07  | 18.40   |            |          |
| 15+20                                                                  | 1         | 74        | 1       | 0         |         | 26.31  | 26.16  | 26.48   |            |          |
| 15+20                                                                  | 75        | 0         | 100     | 0         | 16-QAM  | 23.69  | 23.53  | 23.90   | 18.54      | 0.0714   |
| 15+20                                                                  | 1         | 0         | 1       | 99        |         | 18.56  | 18.43  | 18.79   |            |          |
| 15+20                                                                  | 1         | 74        | 1       | 0         |         | 25.43  | 25.35  | 25.58   |            |          |
| 15+20                                                                  | 75        | 0         | 100     | 0         | 64-QAM  | 23.69  | 23.54  | 23.93   | 17.50      | 0.0562   |
| 15+20                                                                  | 1         | 0         | 1       | 99        |         | 18.46  | 18.33  | 18.57   |            |          |
| 15+20                                                                  | 1         | 74        | 1       | 0         |         | 24.26  | 23.80  | 24.54   |            |          |
| 15+20                                                                  | 75        | 0         | 100     | 0         | 256-QAM | 21.72  | 21.57  | 21.97   | 15.03      | 0.0318   |
| 15+20                                                                  | 1         | 0         | 1       | 99        |         | 18.14  | 18.10  | 18.48   |            |          |
| 15+20                                                                  | 1         | 74        | 1       | 0         |         | 21.92  | 21.62  | 22.07   |            |          |
| Limit                                                                  | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



# FCC RADIO TEST REPORT

Report No. : FG411111B

| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = -7.04 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    | 24.68  | 24.55  | 24.90   | 19.44      | 0.0879   |
| 20+10                                                                  | 1         | 0         | 1       | 49        |         | 18.31  | 18.21  | 18.60   |            |          |
| 20+10                                                                  | 1         | 99        | 1       | 0         |         | 26.33  | 26.20  | 26.48   |            |          |
| 20+10                                                                  | 100       | 0         | 50      | 0         | 16-QAM  | 23.68  | 23.54  | 23.93   | 18.69      | 0.0740   |
| 20+10                                                                  | 1         | 0         | 1       | 49        |         | 18.59  | 18.40  | 18.94   |            |          |
| 20+10                                                                  | 1         | 99        | 1       | 0         |         | 25.54  | 25.58  | 25.73   |            |          |
| 20+10                                                                  | 100       | 0         | 50      | 0         | 64-QAM  | 23.69  | 23.58  | 23.94   | 17.54      | 0.0568   |
| 20+10                                                                  | 1         | 0         | 1       | 49        |         | 18.51  | 18.46  | 18.80   |            |          |
| 20+10                                                                  | 1         | 99        | 1       | 0         |         | 24.47  | 23.71  | 24.58   |            |          |
| 20+10                                                                  | 100       | 0         | 50      | 0         | 256-QAM | 21.76  | 21.61  | 21.98   | 15.06      | 0.0321   |
| 20+10                                                                  | 1         | 0         | 1       | 49        |         | 18.32  | 18.59  | 18.70   |            |          |
| 20+10                                                                  | 1         | 99        | 1       | 0         |         | 21.97  | 21.83  | 22.10   |            |          |
| 10+20                                                                  | 50        | 0         | 100     | 0         | QPSK    | 24.70  | 24.56  | 24.92   | 19.49      | 0.0889   |
| 10+20                                                                  | 1         | 0         | 1       | 99        |         | 18.26  | 18.20  | 18.55   |            |          |
| 10+20                                                                  | 1         | 49        | 1       | 0         |         | 26.35  | 26.19  | 26.53   |            |          |
| 10+20                                                                  | 50        | 0         | 100     | 0         | 16-QAM  | 23.76  | 23.64  | 23.97   | 18.66      | 0.0735   |
| 10+20                                                                  | 1         | 0         | 1       | 99        |         | 18.56  | 18.55  | 18.95   |            |          |
| 10+20                                                                  | 1         | 49        | 1       | 0         |         | 25.68  | 25.46  | 25.70   |            |          |
| 10+20                                                                  | 50        | 0         | 100     | 0         | 64-QAM  | 23.75  | 22.98  | 23.93   | 17.51      | 0.0564   |
| 10+20                                                                  | 1         | 0         | 1       | 99        |         | 18.56  | 18.37  | 18.75   |            |          |
| 10+20                                                                  | 1         | 49        | 1       | 0         |         | 24.25  | 23.83  | 24.55   |            |          |
| 10+20                                                                  | 50        | 0         | 100     | 0         | 256-QAM | 21.77  | 21.63  | 21.97   | 14.97      | 0.0314   |
| 10+20                                                                  | 1         | 0         | 1       | 99        |         | 18.60  | 18.15  | 18.61   |            |          |
| 10+20                                                                  | 1         | 49        | 1       | 0         |         | 21.80  | 21.72  | 22.01   |            |          |
| 20+5                                                                   | 100       | 0         | 25      | 0         | QPSK    | 24.70  | 24.61  | 24.95   | 19.52      | 0.0895   |
| 20+5                                                                   | 1         | 0         | 1       | 24        |         | 16.32  | 16.21  | 18.61   |            |          |
| 20+5                                                                   | 1         | 99        | 1       | 0         |         | 26.33  | 26.26  | 26.56   |            |          |
| 20+5                                                                   | 100       | 0         | 25      | 0         | 16-QAM  | 23.72  | 23.61  | 23.93   | 18.64      | 0.0731   |
| 20+5                                                                   | 1         | 0         | 1       | 24        |         | 16.74  | 16.52  | 18.90   |            |          |
| 20+5                                                                   | 1         | 99        | 1       | 0         |         | 25.66  | 25.51  | 25.68   |            |          |
| 20+5                                                                   | 100       | 0         | 25      | 0         | 64-QAM  | 23.72  | 23.60  | 23.95   | 17.66      | 0.0583   |
| 20+5                                                                   | 1         | 0         | 1       | 24        |         | 16.59  | 16.45  | 18.79   |            |          |
| 20+5                                                                   | 1         | 99        | 1       | 0         |         | 24.61  | 23.85  | 24.70   |            |          |
| 20+5                                                                   | 100       | 0         | 25      | 0         | 256-QAM | 21.82  | 21.63  | 21.98   | 15.08      | 0.0322   |
| 20+5                                                                   | 1         | 0         | 1       | 24        |         | 16.71  | 16.17  | 18.49   |            |          |
| 20+5                                                                   | 1         | 99        | 1       | 0         |         | 22.03  | 21.77  | 22.12   |            |          |
| Limit                                                                  | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = -7.04 dB) |           |           |         |           |         |        |        |         |            |          |
|------------------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                               | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                        | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 5+20                                                                   | 25        | 0         | 100     | 0         | QPSK    | 22.80  | 22.61  | 24.94   | 19.55      | 0.0902   |
| 5+20                                                                   | 1         | 0         | 1       | 99        |         | 16.30  | 16.17  | 18.52   |            |          |
| 5+20                                                                   | 1         | 24        | 1       | 0         |         | 26.46  | 26.28  | 26.59   |            |          |
| 5+20                                                                   | 25        | 0         | 100     | 0         | 16-QAM  | 23.79  | 23.63  | 23.98   | 18.90      | 0.0776   |
| 5+20                                                                   | 1         | 0         | 1       | 99        |         | 16.74  | 16.52  | 18.90   |            |          |
| 5+20                                                                   | 1         | 24        | 1       | 0         |         | 25.67  | 25.36  | 25.94   |            |          |
| 5+20                                                                   | 25        | 0         | 100     | 0         | 64-QAM  | 23.78  | 23.66  | 23.96   | 17.71      | 0.0590   |
| 5+20                                                                   | 1         | 0         | 1       | 99        |         | 16.58  | 16.38  | 18.78   |            |          |
| 5+20                                                                   | 1         | 24        | 1       | 0         |         | 24.41  | 24.37  | 24.75   |            |          |
| 5+20                                                                   | 25        | 0         | 100     | 0         | 256-QAM | 21.84  | 21.62  | 22.01   | 15.04      | 0.0319   |
| 5+20                                                                   | 1         | 0         | 1       | 99        |         | 16.66  | 16.47  | 18.55   |            |          |
| 5+20                                                                   | 1         | 24        | 1       | 0         |         | 21.95  | 21.89  | 22.08   |            |          |
| 15+10                                                                  | 75        | 0         | 50      | 0         | QPSK    | 24.72  | 24.58  | 24.94   | 19.25      | 0.0841   |
| 15+10                                                                  | 1         | 0         | 1       | 49        |         | 16.38  | 16.26  | 18.65   |            |          |
| 15+10                                                                  | 1         | 74        | 1       | 0         |         | 26.25  | 25.59  | 26.29   |            |          |
| 15+10                                                                  | 75        | 0         | 50      | 0         | 16-QAM  | 23.76  | 23.60  | 23.97   | 18.80      | 0.0759   |
| 15+10                                                                  | 1         | 0         | 1       | 49        |         | 16.74  | 16.61  | 18.95   |            |          |
| 15+10                                                                  | 1         | 74        | 1       | 0         |         | 25.57  | 25.14  | 25.84   |            |          |
| 15+10                                                                  | 75        | 0         | 50      | 0         | 64-QAM  | 23.13  | 22.89  | 23.51   | 16.66      | 0.0463   |
| 15+10                                                                  | 1         | 0         | 1       | 49        |         | 16.53  | 16.56  | 18.86   |            |          |
| 15+10                                                                  | 1         | 74        | 1       | 0         |         | 23.42  | 22.85  | 23.70   |            |          |
| 15+10                                                                  | 75        | 0         | 50      | 0         | 256-QAM | 21.80  | 21.67  | 21.57   | 15.05      | 0.0320   |
| 15+10                                                                  | 1         | 0         | 1       | 49        |         | 16.29  | 16.26  | 18.59   |            |          |
| 15+10                                                                  | 1         | 74        | 1       | 0         |         | 21.96  | 21.82  | 22.09   |            |          |
| 10+15                                                                  | 50        | 0         | 75      | 0         | QPSK    | 24.73  | 24.55  | 24.97   | 19.30      | 0.0851   |
| 10+15                                                                  | 1         | 0         | 1       | 74        |         | 16.32  | 16.17  | 18.59   |            |          |
| 10+15                                                                  | 1         | 49        | 1       | 0         |         | 26.26  | 26.16  | 26.34   |            |          |
| 10+15                                                                  | 50        | 0         | 75      | 0         | 16-QAM  | 23.77  | 23.60  | 24.01   | 18.90      | 0.0776   |
| 10+15                                                                  | 1         | 0         | 1       | 74        |         | 16.86  | 16.57  | 18.88   |            |          |
| 10+15                                                                  | 1         | 49        | 1       | 0         |         | 25.65  | 25.40  | 25.94   |            |          |
| 10+15                                                                  | 50        | 0         | 75      | 0         | 64-QAM  | 23.33  | 23.60  | 23.63   | 16.97      | 0.0498   |
| 10+15                                                                  | 1         | 0         | 1       | 74        |         | 16.51  | 16.37  | 18.64   |            |          |
| 10+15                                                                  | 1         | 49        | 1       | 0         |         | 23.55  | 24.01  | 23.79   |            |          |
| 10+15                                                                  | 50        | 0         | 75      | 0         | 256-QAM | 21.85  | 21.59  | 22.02   | 15.09      | 0.0323   |
| 10+15                                                                  | 1         | 0         | 1       | 74        |         | 16.39  | 16.09  | 18.67   |            |          |
| 10+15                                                                  | 1         | 49        | 1       | 0         |         | 21.96  | 11.25  | 22.13   |            |          |
| Limit                                                                  | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |





| LTE Band 41C(HPUE)_CA Maximum Average Power [dBm] (GT - LC = -7.04 dB) |           |           |         |           |         |        |        |         |            |          |
|------------------------------------------------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|------------|----------|
| BW [MHz]                                                               | PCC       |           | SCC     |           | Mod     | Lowest | Middle | Highest | EIRP (dBm) | EIRP (W) |
|                                                                        | RB Size   | RB Offset | RB Size | RB Offset |         |        |        |         |            |          |
| 15+15                                                                  | 75        | 0         | 75      | 0         | QPSK    | 22.67  | 22.56  | 24.92   | 19.42      | 0.0875   |
| 15+15                                                                  | 1         | 0         | 1       | 74        |         | 18.26  | 18.12  | 18.54   |            |          |
| 15+15                                                                  | 1         | 74        | 1       | 0         |         | 26.27  | 26.15  | 26.46   |            |          |
| 15+15                                                                  | 75        | 0         | 75      | 0         | 16-QAM  | 22.68  | 22.57  | 23.93   | 18.58      | 0.0721   |
| 15+15                                                                  | 1         | 0         | 1       | 74        |         | 18.54  | 18.37  | 18.86   |            |          |
| 15+15                                                                  | 1         | 74        | 1       | 0         |         | 25.53  | 25.34  | 25.62   |            |          |
| 15+15                                                                  | 75        | 0         | 75      | 0         | 64-QAM  | 22.67  | 22.56  | 23.93   | 17.46      | 0.0557   |
| 15+15                                                                  | 1         | 0         | 1       | 74        |         | 18.50  | 18.37  | 18.68   |            |          |
| 15+15                                                                  | 1         | 74        | 1       | 0         |         | 24.34  | 23.71  | 24.50   |            |          |
| 15+15                                                                  | 75        | 0         | 75      | 0         | 256-QAM | 22.73  | 22.60  | 21.97   | 15.69      | 0.0371   |
| 15+15                                                                  | 1         | 0         | 1       | 74        |         | 18.28  | 18.49  | 18.73   |            |          |
| 15+15                                                                  | 1         | 74        | 1       | 0         |         | 21.75  | 21.57  | 21.89   |            |          |
| Limit                                                                  | EIRP < 2W |           |         |           |         | Result |        |         | Pass       |          |



## LTE Band 2C

## 26dB Bandwidth

| Mode      | LTE Band 2C : 26dB BW(MHz) |             |             |             |             |
|-----------|----------------------------|-------------|-------------|-------------|-------------|
| QPSK      |                            |             |             |             |             |
| BW        | 5MHz+20MHz                 | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Middle CH | 25.07                      | 25.37       | 30.03       | 25.47       | 30.74       |
| BW        | 15MHz+20MHz                | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Middle CH | 34.96                      | 25.12       | 30.21       | 35.10       | 39.96       |

| Mode      | LTE Band 2C : 26dB BW(MHz) |             |             |             |             |
|-----------|----------------------------|-------------|-------------|-------------|-------------|
| 16QAM     |                            |             |             |             |             |
| BW        | 5MHz+20MHz                 | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Middle CH | 25.02                      | 25.32       | 29.91       | 25.47       | 30.68       |
| BW        | 15MHz+20MHz                | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Middle CH | 35.03                      | 25.12       | 30.14       | 35.10       | 39.96       |

| Mode      | LTE Band 2C : 26dB BW(MHz) |             |             |             |             |
|-----------|----------------------------|-------------|-------------|-------------|-------------|
| 64QAM     |                            |             |             |             |             |
| BW        | 5MHz+20MHz                 | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Middle CH | 24.87                      | 25.32       | 29.91       | 25.52       | 30.62       |
| BW        | 15MHz+20MHz                | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Middle CH | 34.82                      | 25.07       | 29.96       | 34.96       | 40.03       |

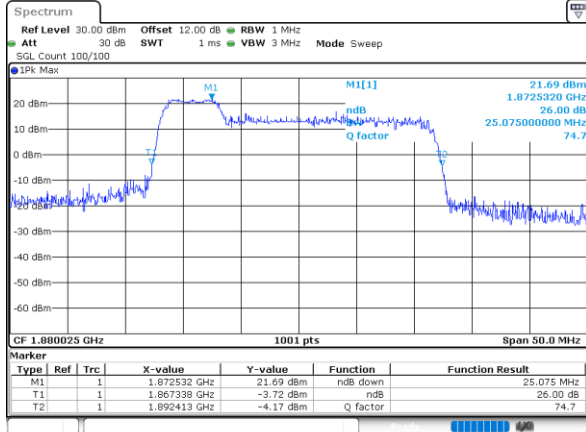
| Mode      | LTE Band 2C : 26dB BW(MHz) |             |             |             |             |
|-----------|----------------------------|-------------|-------------|-------------|-------------|
| 256QAM    |                            |             |             |             |             |
| BW        | 5MHz+20MHz                 | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Middle CH | 24.87                      | 25.22       | 29.85       | 25.37       | 30.44       |
| BW        | 15MHz+20MHz                | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Middle CH | 35.03                      | 25.07       | 30.03       | 34.96       | 39.96       |



## LTE Band 2C

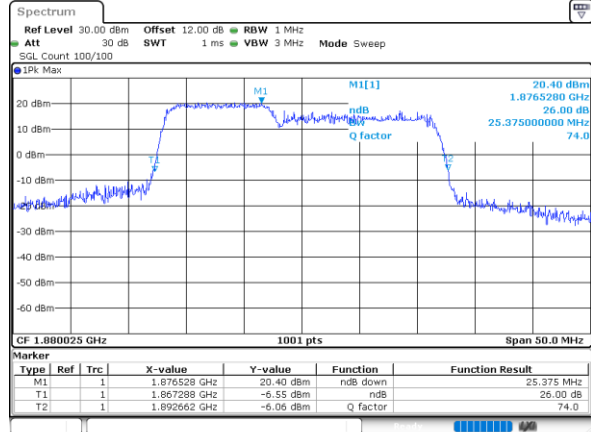
## QPSK

## Middle Channel / 5MHz+20MHz



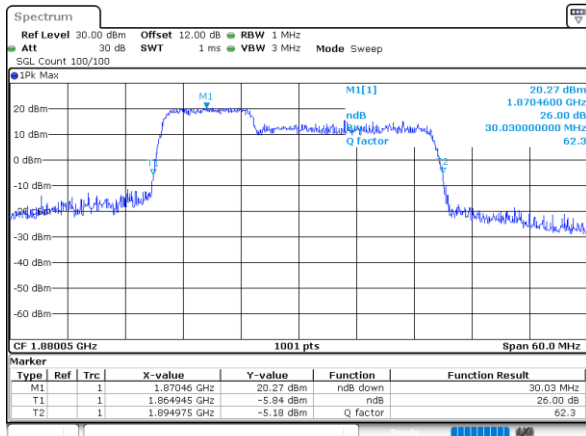
Date: 19,MAR,2024 11:02:36

## Middle Channel / 10MHz+15MHz



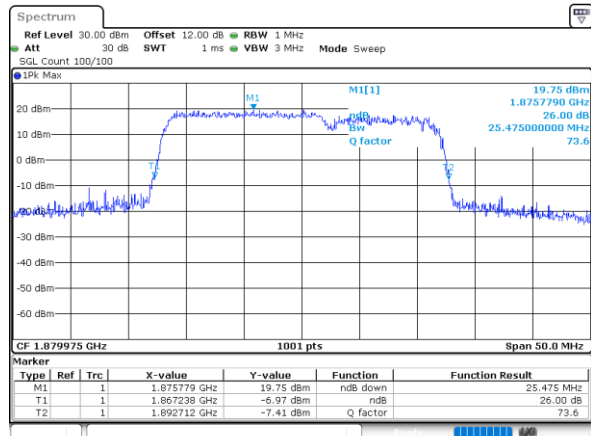
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## Middle Channel / 10MHz+20MHz



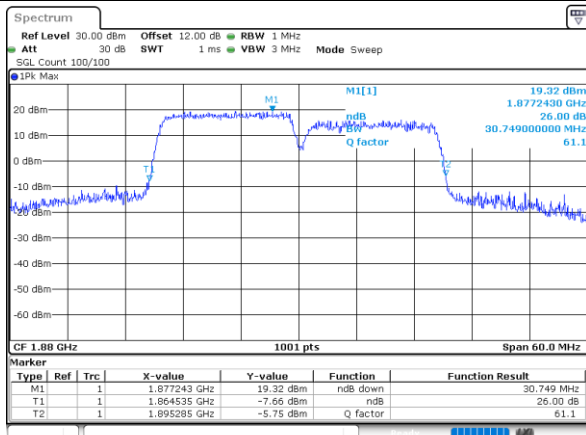
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## Middle Channel / 15MHz+10MHz



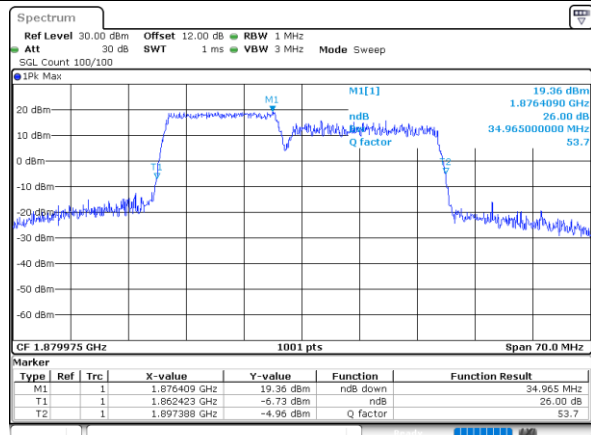
Date: 19,MAR,2024 11:13:28

## Middle Channel / 15MHz+15MHz



Date: 19,MAR,2024 11:24:44

## Middle Channel / 15MHz+20MHz

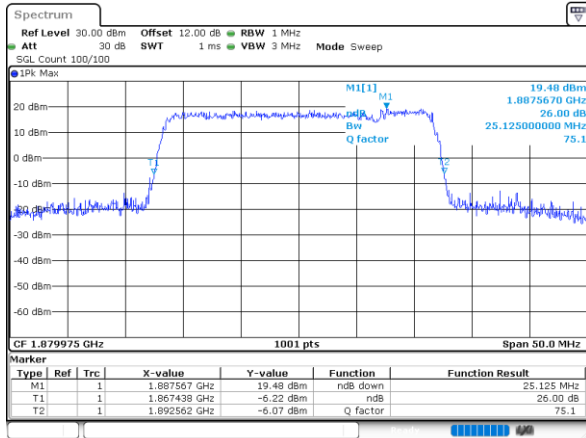


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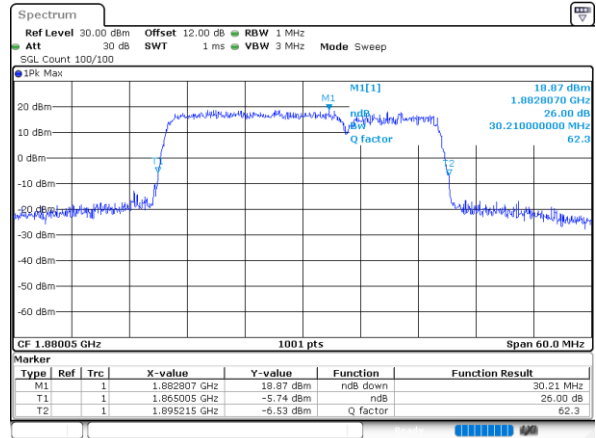


## LTE Band 2C

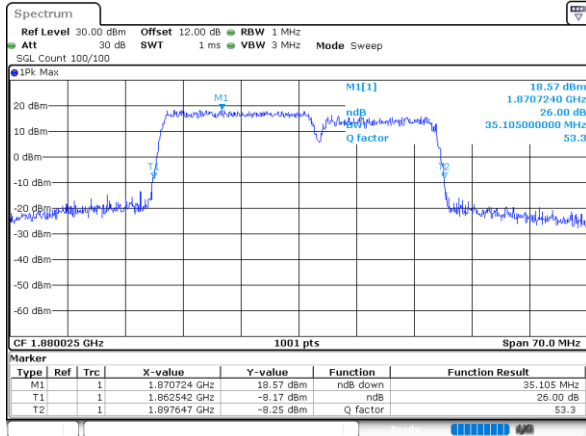
## Middle Channel / 20MHz+5MHz



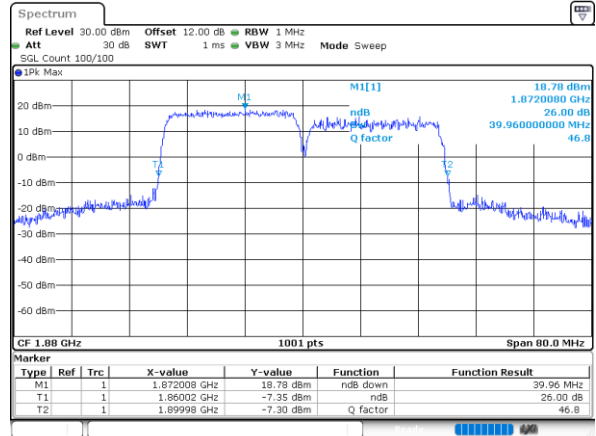
## Middle Channel / 20MHz+10MHz



## Middle Channel / 20MHz+15MHz



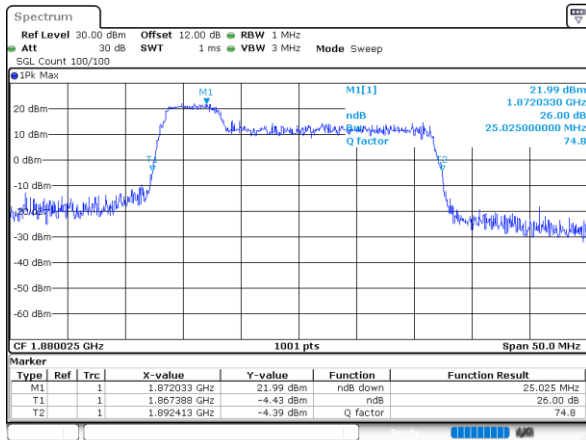
## Middle Channel / 20MHz+20MHz



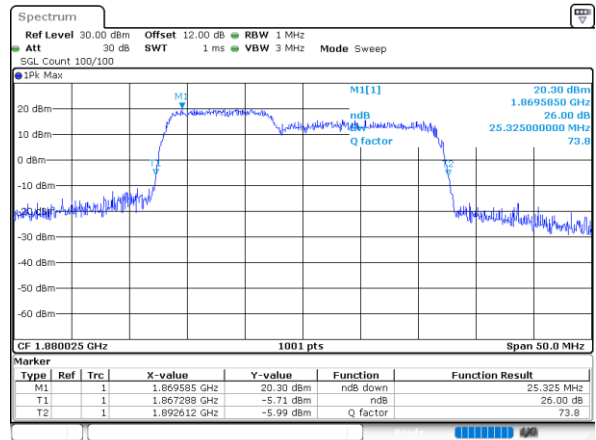


## LTE Band 2C

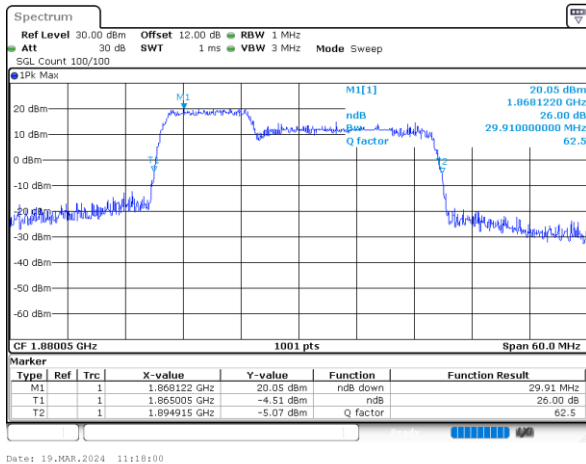
## Middle Channel / 5MHz+20MHz



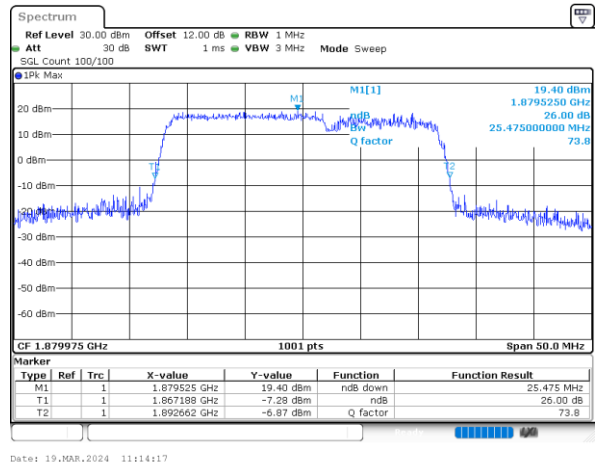
## Middle Channel / 10MHz+15MHz



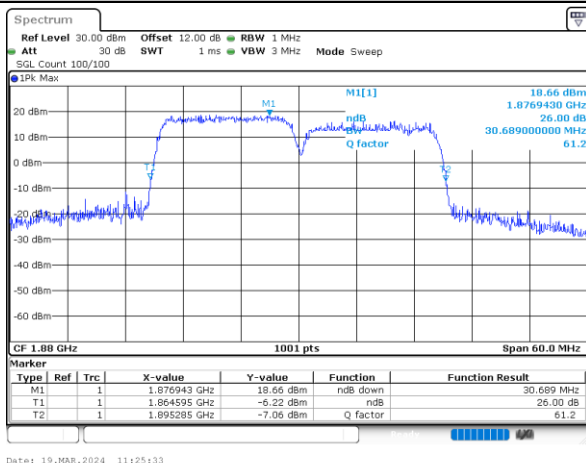
## Middle Channel / 10MHz+20MHz



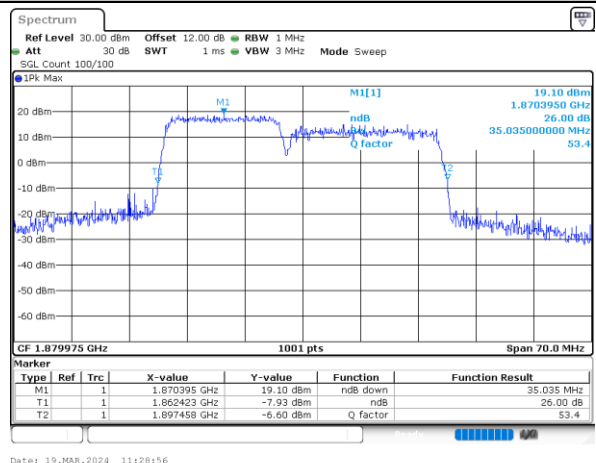
## Middle Channel / 15MHz+10MHz



## Middle Channel / 15MHz+15MHz



## Middle Channel / 15MHz+20MHz

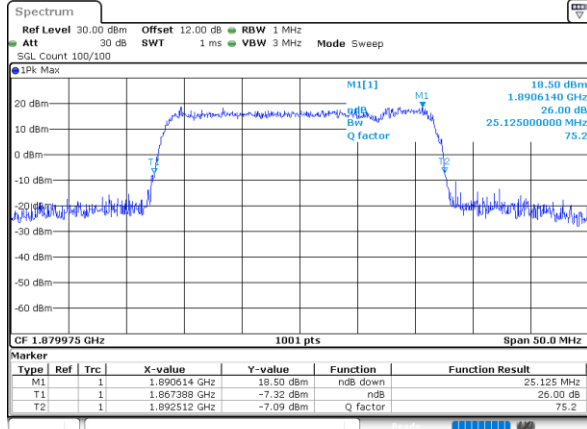




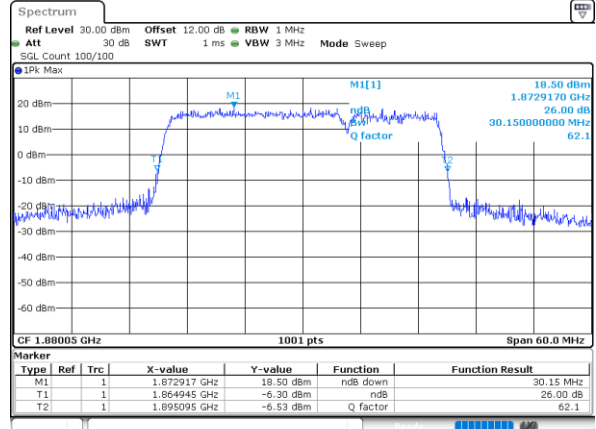
## LTE Band 2C

## 16QAM

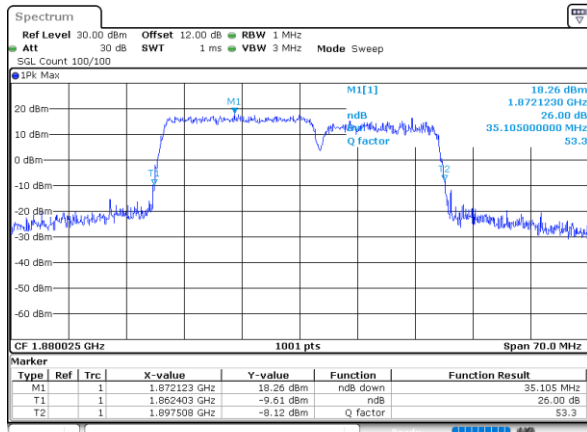
## Middle Channel / 20MHz+5MHz



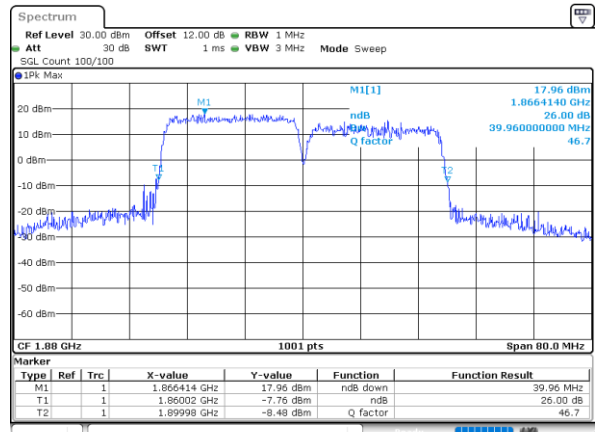
## Middle Channel / 20MHz+10MHz



## Middle Channel / 20MHz+15MHz



## Middle Channel / 20MHz+20MHz

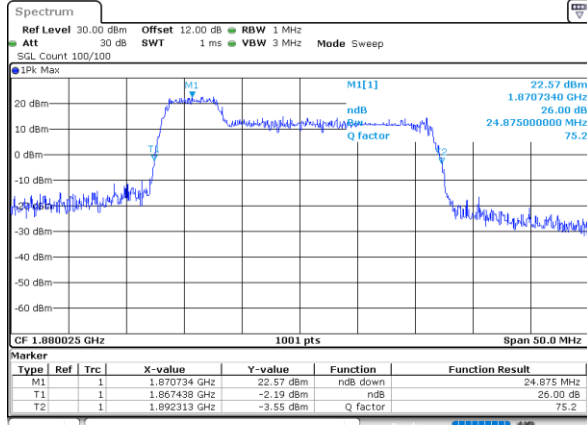




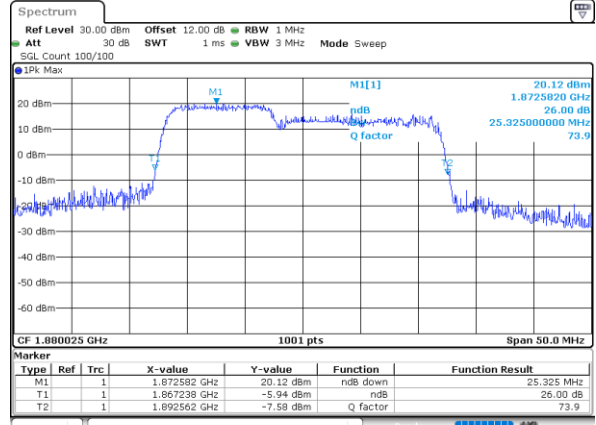
## LTE Band 2C

## 64QAM

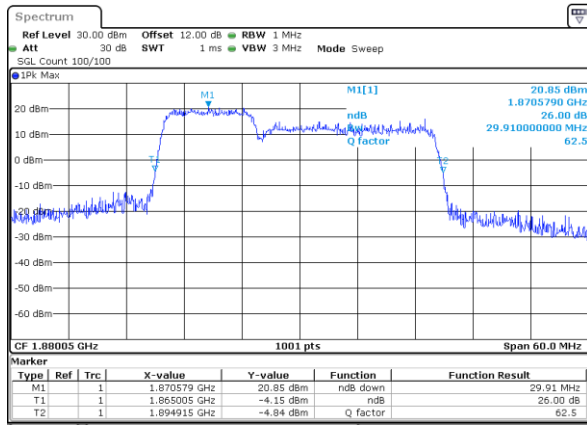
## Middle Channel / 5MHz+20MHz



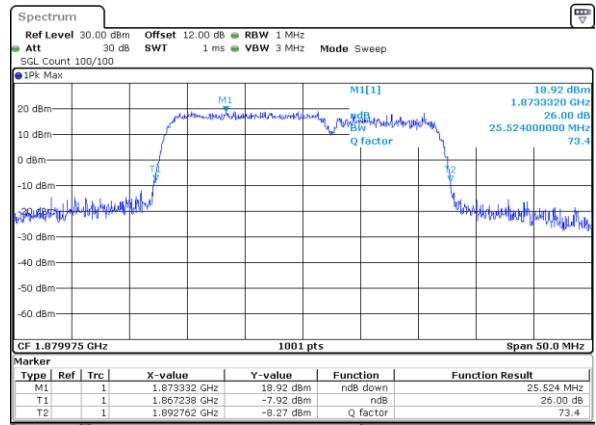
## Middle Channel / 10MHz+15MHz



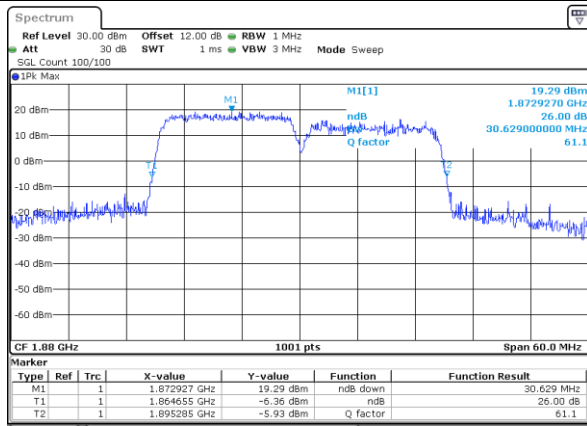
## Middle Channel / 10MHz+20MHz



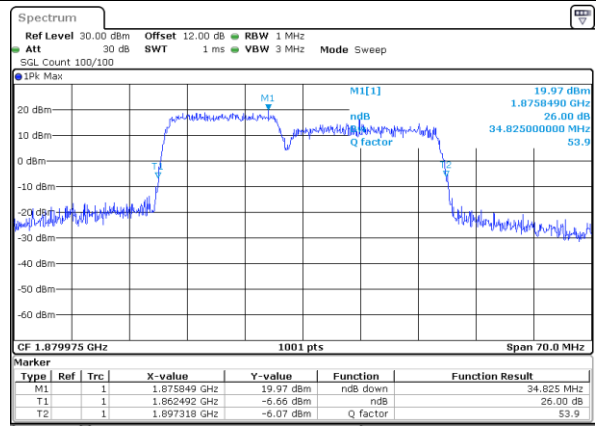
## Middle Channel / 15MHz+10MHz



## Middle Channel / 15MHz+15MHz



## Middle Channel / 15MHz+20MHz

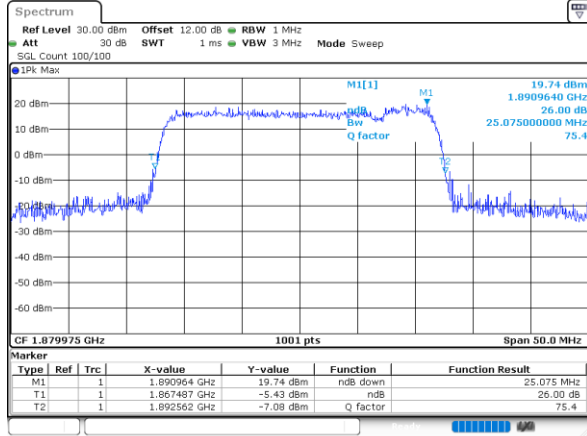




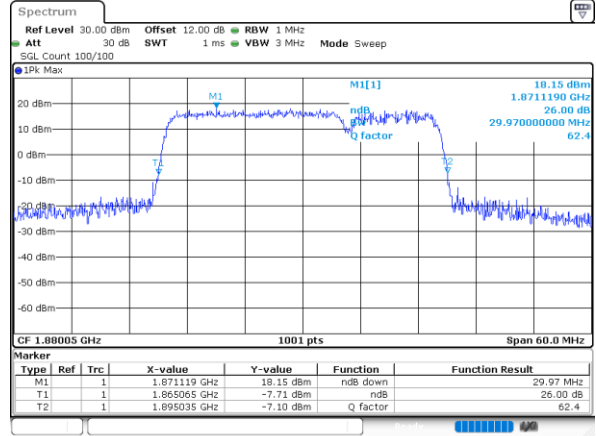
## LTE Band 2C

## 64QAM

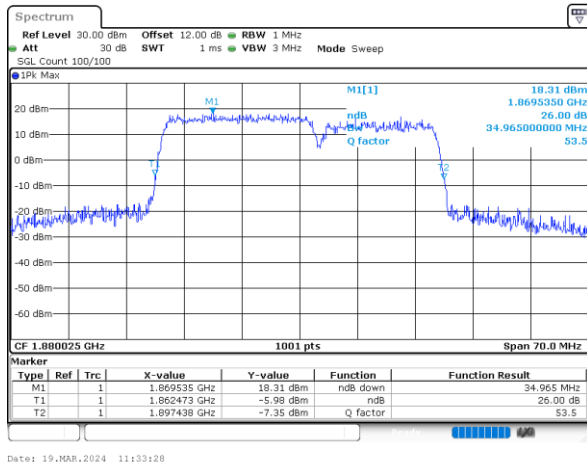
## Middle Channel / 20MHz+5MHz



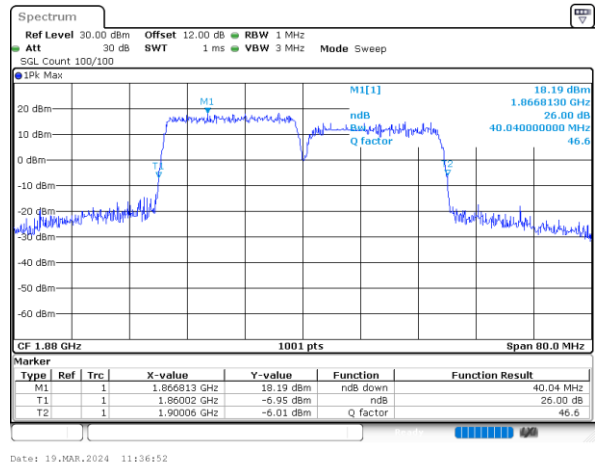
## Middle Channel / 20MHz+10MHz



## Middle Channel / 20MHz+15MHz



## Middle Channel / 20MHz+20MHz



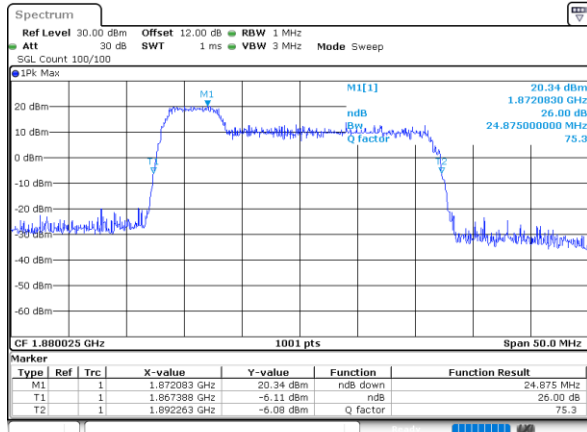




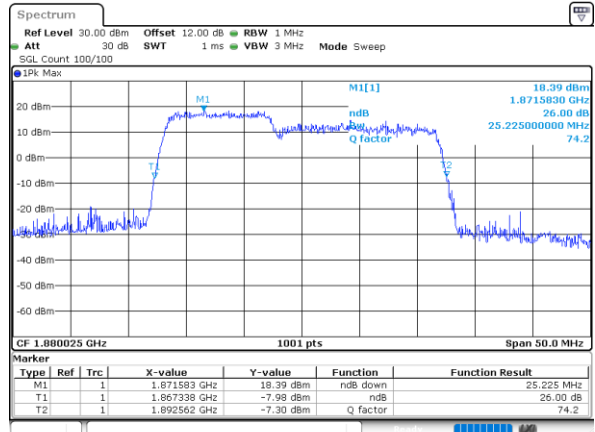
## LTE Band 2C

## 256QAM

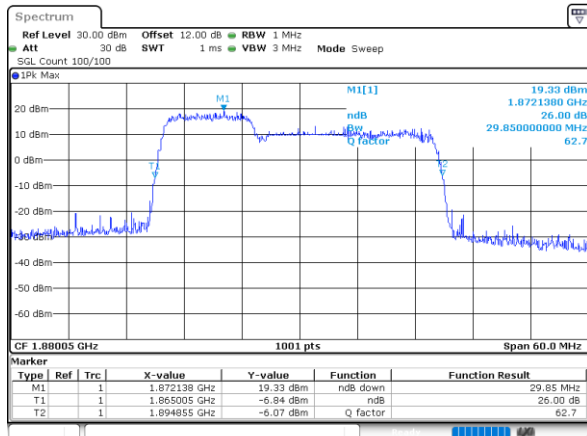
## Middle Channel / 5MHz+20MHz



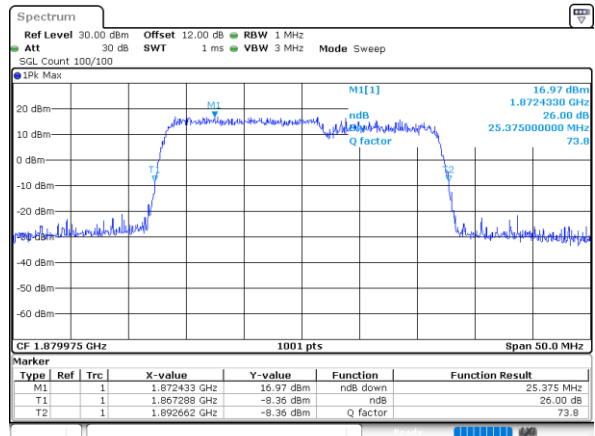
## Middle Channel / 10MHz+15MHz



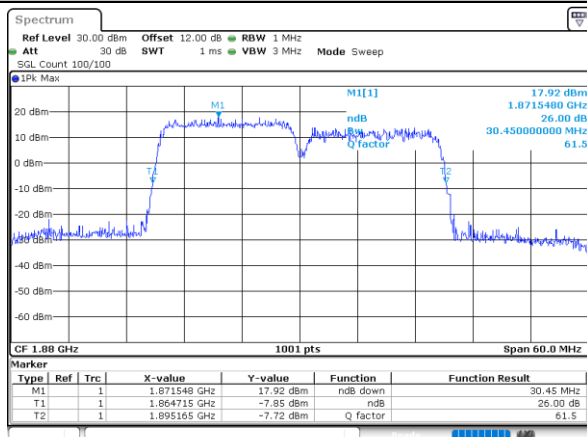
## Middle Channel / 10MHz+20MHz



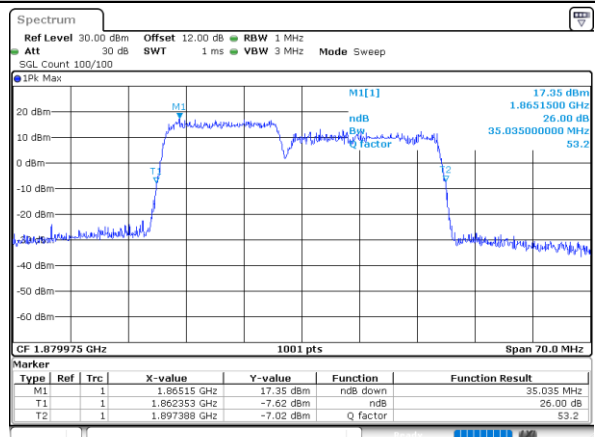
## Middle Channel / 15MHz+10MHz



## Middle Channel / 15MHz+15MHz



## Middle Channel / 15MHz+20MHz

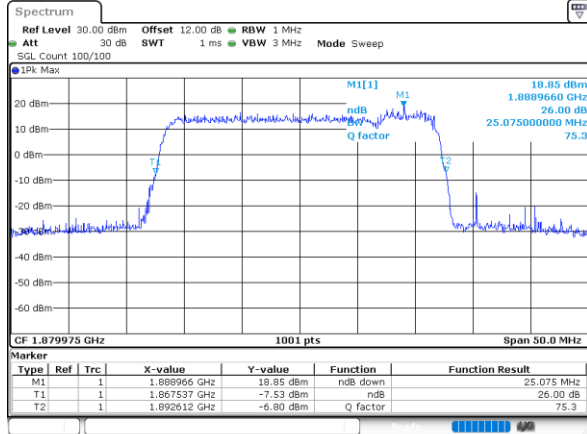




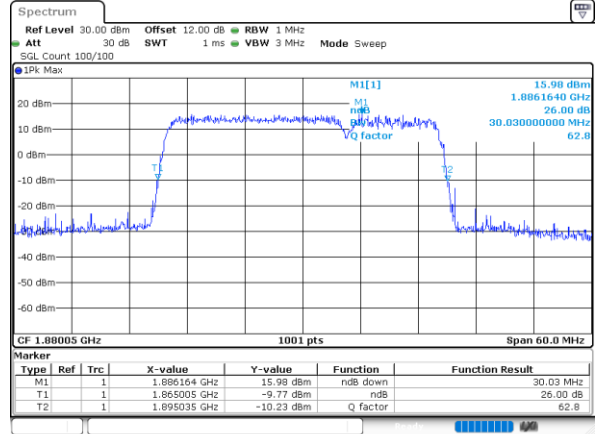
## LTE Band 2C

## 256QAM

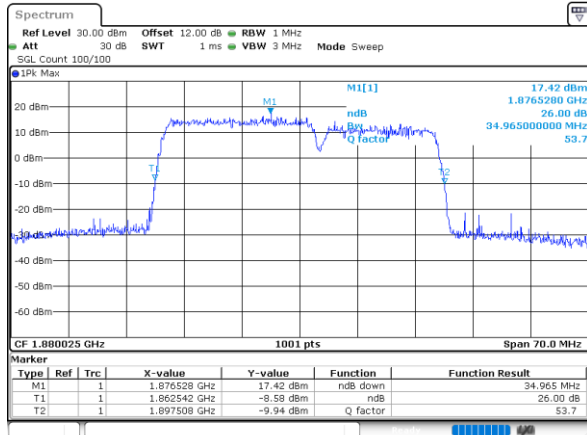
## Middle Channel / 20MHz+5MHz



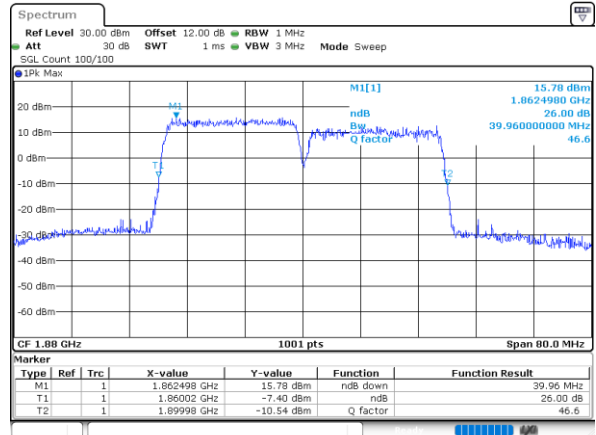
## Middle Channel / 20MHz+10MHz



## Middle Channel / 20MHz+15MHz



## Middle Channel / 20MHz+20MHz



**Occupied Bandwidth**

| Mode      | LTE Band 2C : 99%OBW(MHz) |             |             |             |             |
|-----------|---------------------------|-------------|-------------|-------------|-------------|
| QPSK      |                           |             |             |             |             |
| BW        | 5MHz+20MHz                | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Middle CH | 23.32                     | 23.57       | 28.05       | 23.42       | 28.53       |
| BW        | 15MHz+20MHz               | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Middle CH | 32.72                     | 23.32       | 27.93       | 32.72       | 37.64       |

| Mode      | LTE Band 2C : 99%OBW(MHz) |             |             |             |             |
|-----------|---------------------------|-------------|-------------|-------------|-------------|
| 16QAM     |                           |             |             |             |             |
| BW        | 5MHz+20MHz                | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Middle CH | 23.22                     | 23.42       | 27.93       | 23.37       | 28.53       |
| BW        | 15MHz+20MHz               | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Middle CH | 32.72                     | 23.27       | 27.93       | 32.72       | 37.56       |

| Mode      | LTE Band 2C : 99%OBW(MHz) |             |             |             |             |
|-----------|---------------------------|-------------|-------------|-------------|-------------|
| 64QAM     |                           |             |             |             |             |
| BW        | 5MHz+20MHz                | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Middle CH | 23.12                     | 23.32       | 27.87       | 23.42       | 28.47       |
| BW        | 15MHz+20MHz               | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Middle CH | 32.65                     | 23.27       | 27.99       | 32.72       | 37.72       |

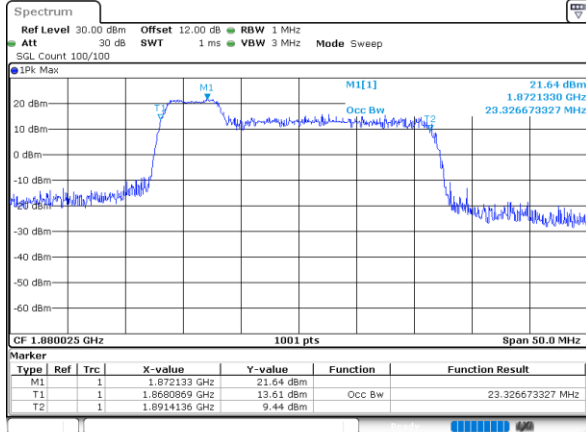
| Mode      | LTE Band 2C : 99%OBW(MHz) |             |             |             |             |
|-----------|---------------------------|-------------|-------------|-------------|-------------|
| 256QAM    |                           |             |             |             |             |
| BW        | 5MHz+20MHz                | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Middle CH | 23.17                     | 23.42       | 27.81       | 23.42       | 28.41       |
| BW        | 15MHz+20MHz               | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Middle CH | 32.72                     | 23.32       | 28.05       | 32.79       | 37.64       |



## LTE Band 2C

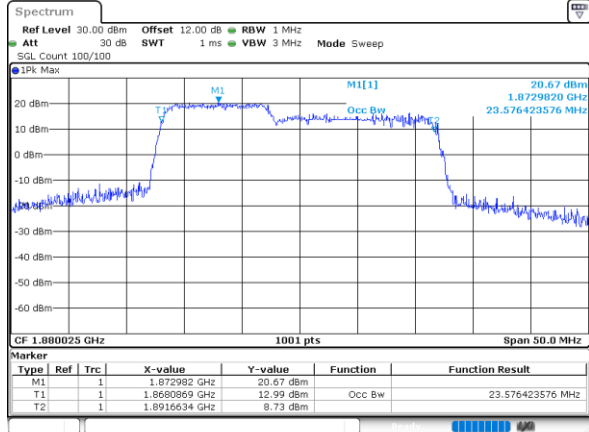
## QPSK

## Middle Channel / 5MHz+20MHz



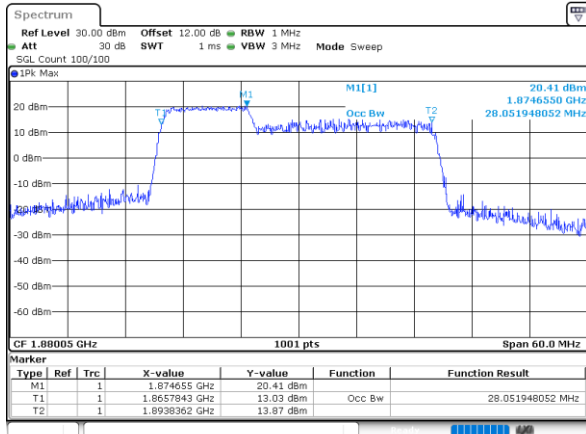
Date: 19,MAR,2024 11:02:12

## Middle Channel / 10MHz+15MHz



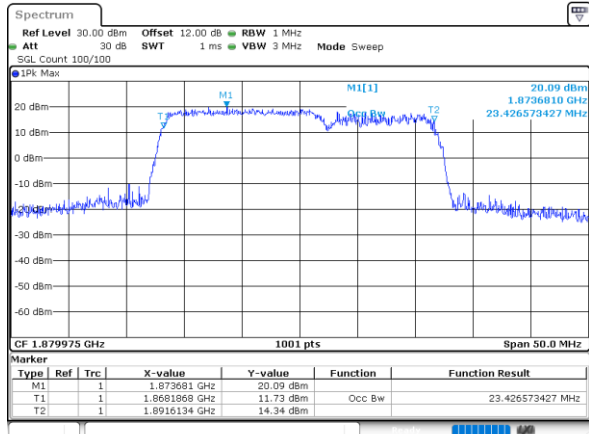
Date: 19,MAR,2024 11:09:40

## Middle Channel / 10MHz+20MHz



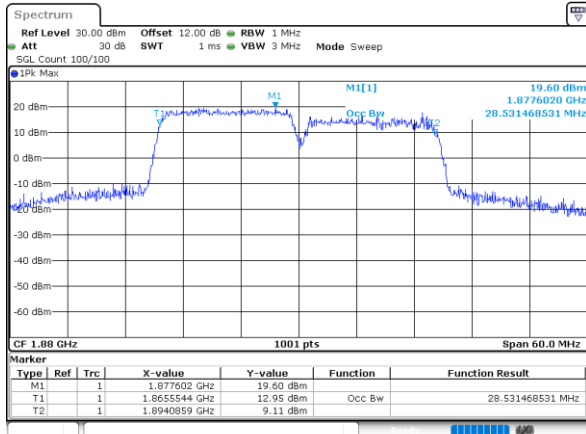
Date: 19,MAR,2024 11:16:46

## Middle Channel / 15MHz+10MHz



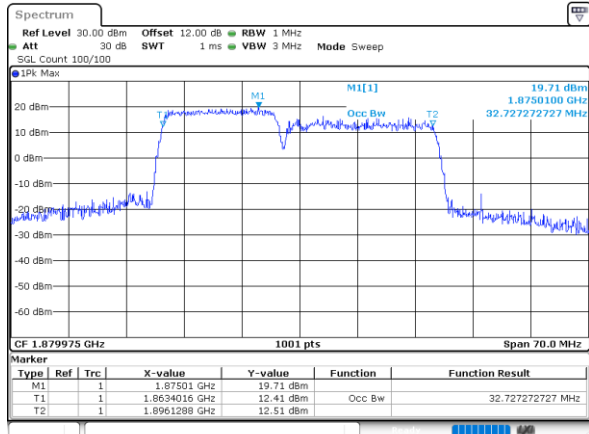
Date: 19,MAR,2024 11:13:03

## Middle Channel / 15MHz+15MHz



Date: 19,MAR,2024 11:24:20

## Middle Channel / 15MHz+20MHz



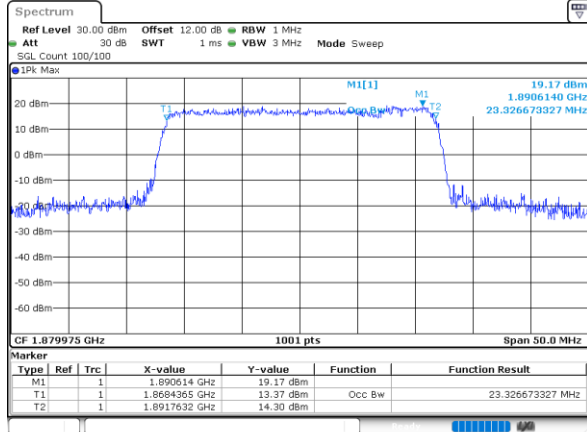
Date: 19,MAR,2024 11:27:43



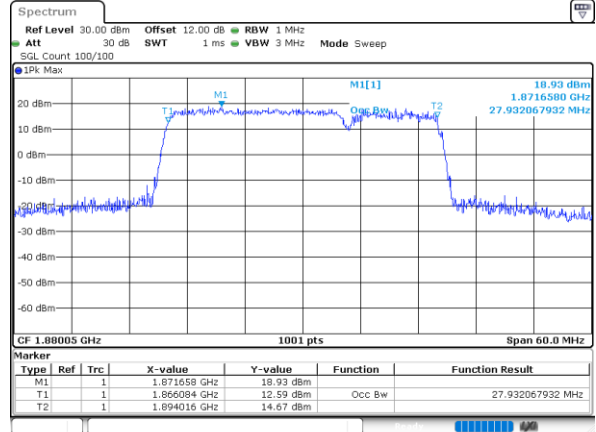
## LTE Band 2C

## QPSK

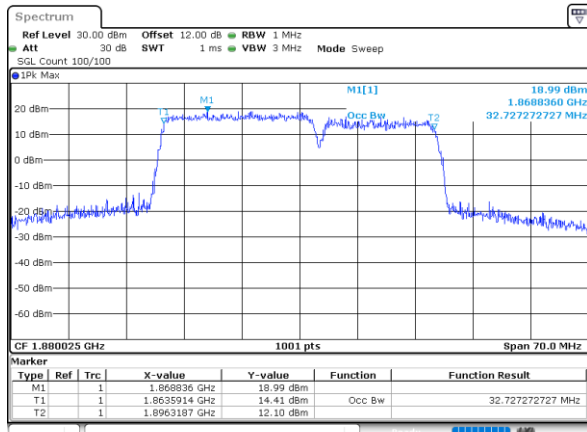
## Middle Channel / 20MHz+5MHz



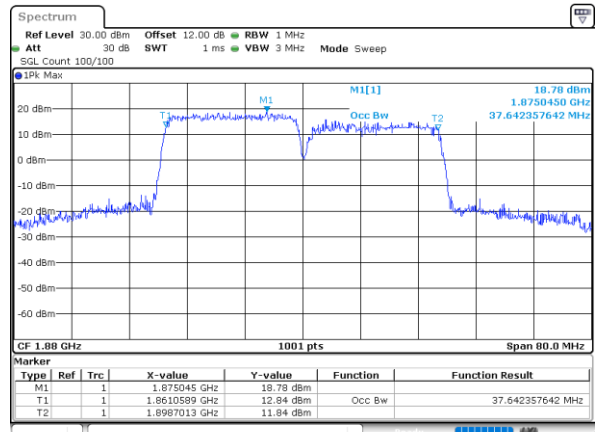
## Middle Channel / 20MHz+10MHz



## Middle Channel / 20MHz+15MHz



## Middle Channel / 20MHz+20MHz

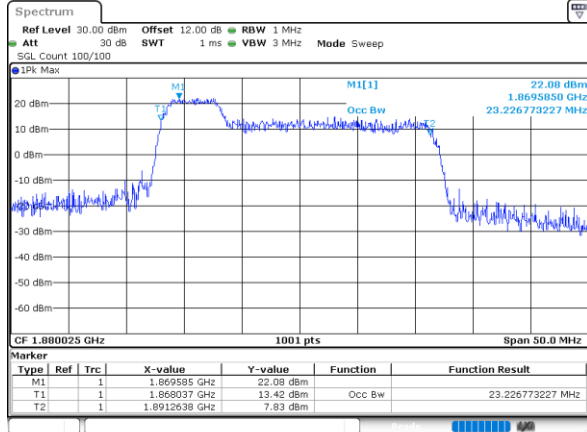




## LTE Band 2C

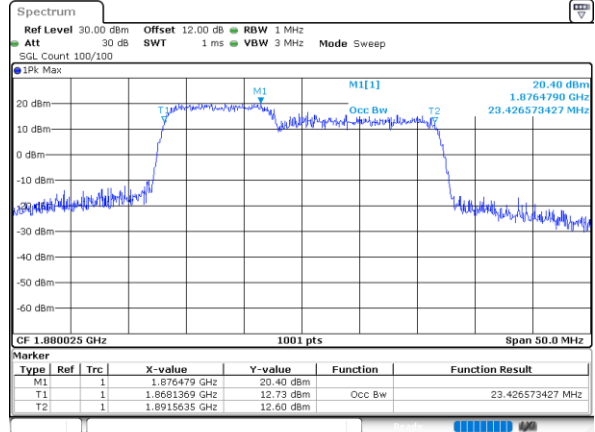
## 16QAM

## Middle Channel / 5MHz+20MHz



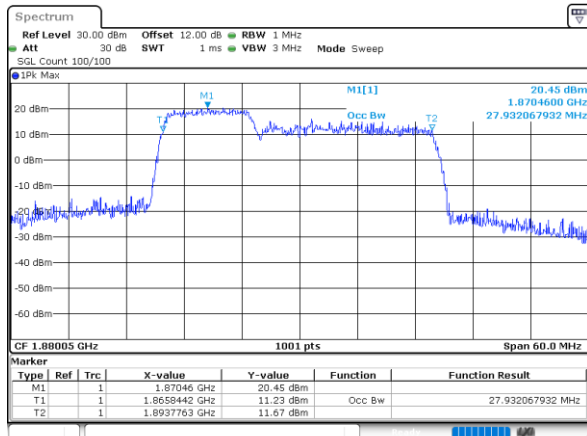
Date: 19,MAR,2024 11:03:02

## Middle Channel / 10MHz+15MHz



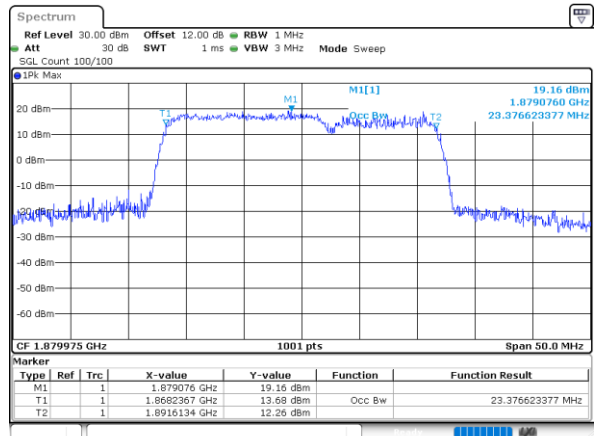
Date: 19,MAR,2024 11:10:29

## Middle Channel / 10MHz+20MHz



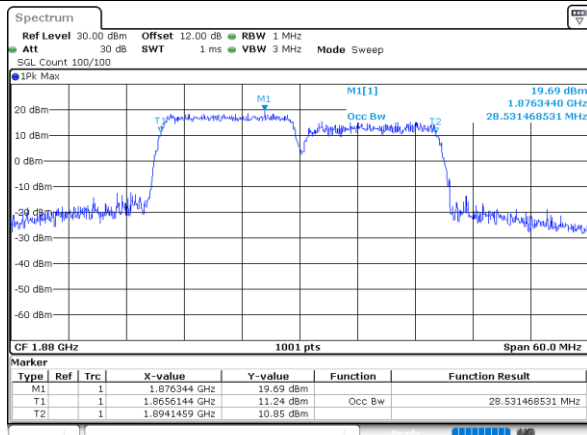
Date: 19,MAR,2024 11:17:35

## Middle Channel / 15MHz+10MHz



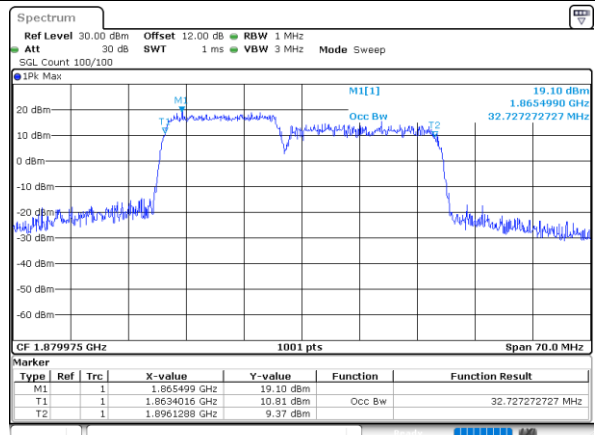
Date: 19,MAR,2024 11:13:53

## Middle Channel / 15MHz+15MHz



Date: 19,MAR,2024 11:25:09

## Middle Channel / 15MHz+20MHz



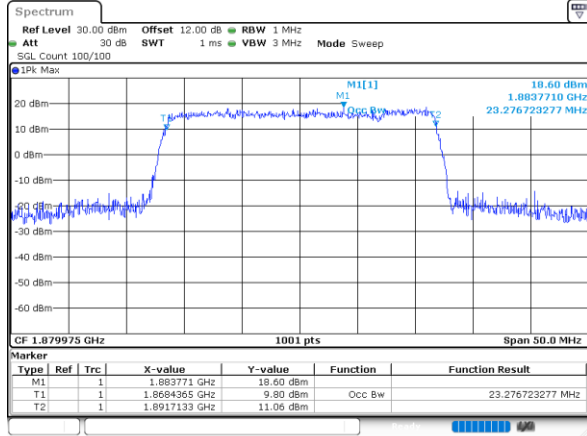
Date: 19,MAR,2024 11:28:32



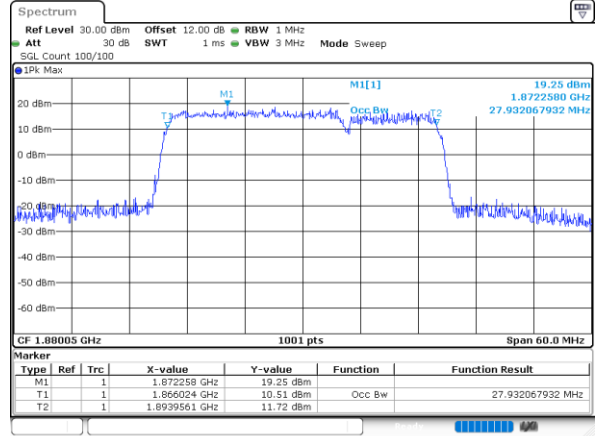
## LTE Band 2C

## 16QAM

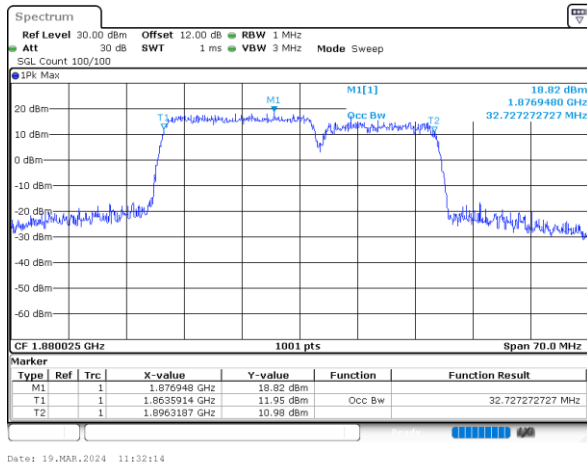
## Middle Channel / 20MHz+5MHz



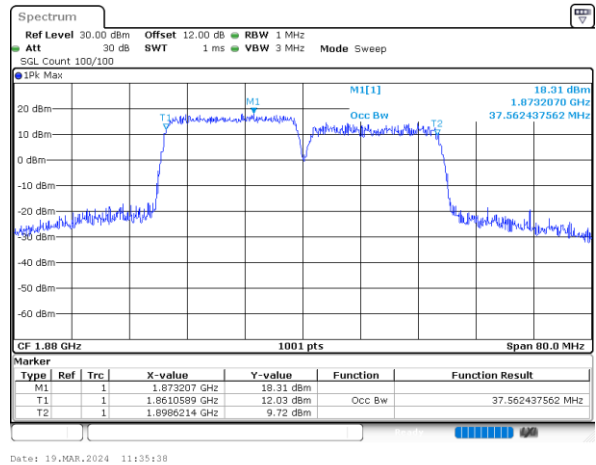
## Middle Channel / 20MHz+10MHz



## Middle Channel / 20MHz+15MHz



## Middle Channel / 20MHz+20MHz

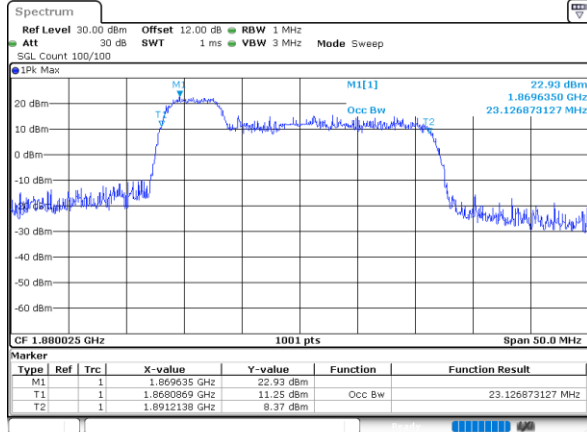




## LTE Band 2C

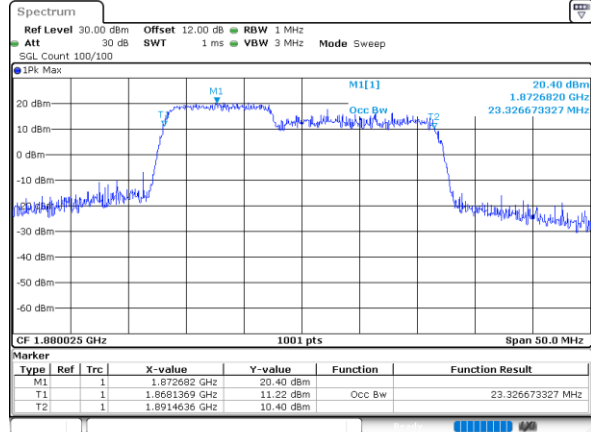
## 64QAM

## Middle Channel / 5MHz+20MHz



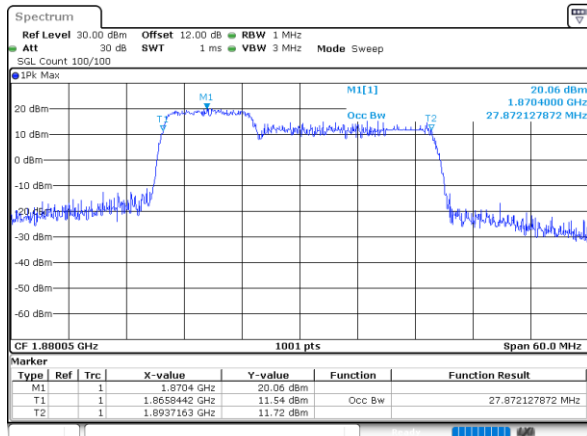
Date: 19,MAR,2024 11:03:51

## Middle Channel / 10MHz+15MHz



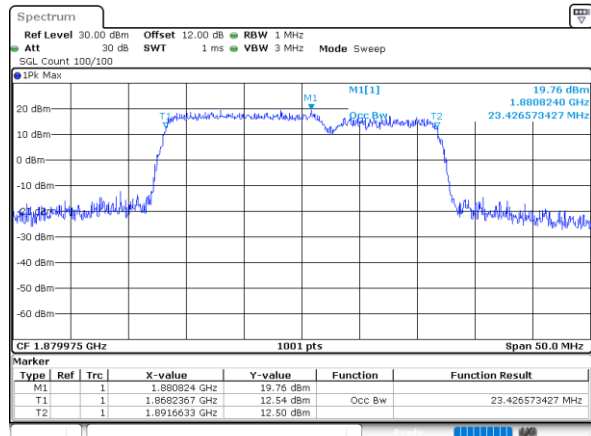
Date: 19,MAR,2024 11:11:19

## Middle Channel / 10MHz+20MHz



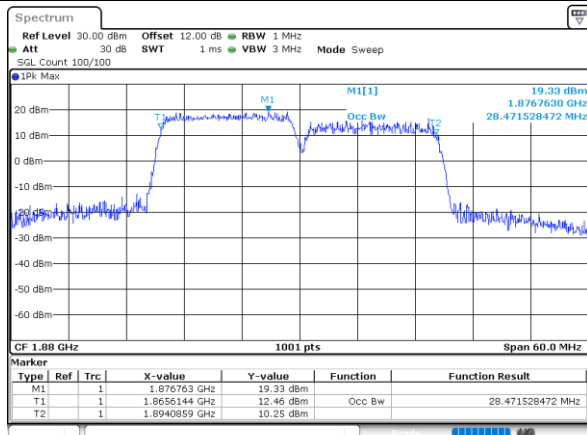
Date: 19,MAR,2024 11:18:25

## Middle Channel / 15MHz+10MHz



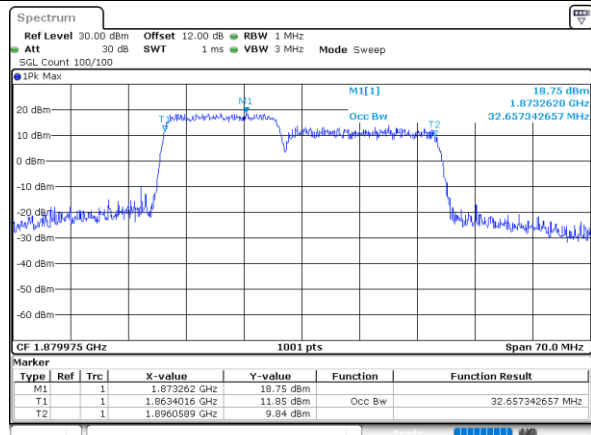
Date: 19,MAR,2024 11:14:42

## Middle Channel / 15MHz+15MHz



Date: 19,MAR,2024 11:25:59

## Middle Channel / 15MHz+20MHz



Date: 19,MAR,2024 11:29:22

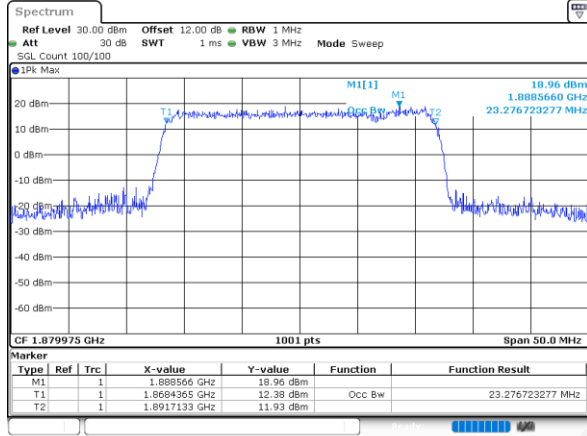




## LTE Band 2C

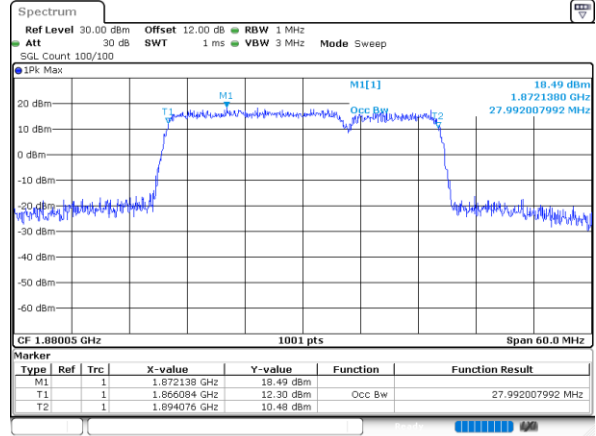
## 64QAM

## Middle Channel / 20MHz+5MHz



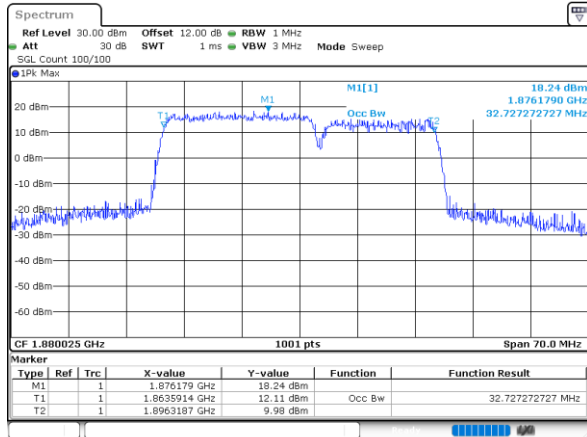
Date: 19,MAR,2024 11:07:21

## Middle Channel / 20MHz+10MHz



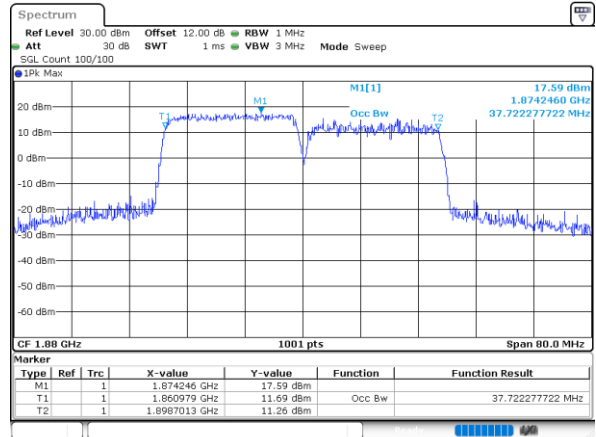
Date: 19,MAR,2024 11:22:10

## Middle Channel / 20MHz+15MHz



Date: 19,MAR,2024 11:33:04

## Middle Channel / 20MHz+20MHz



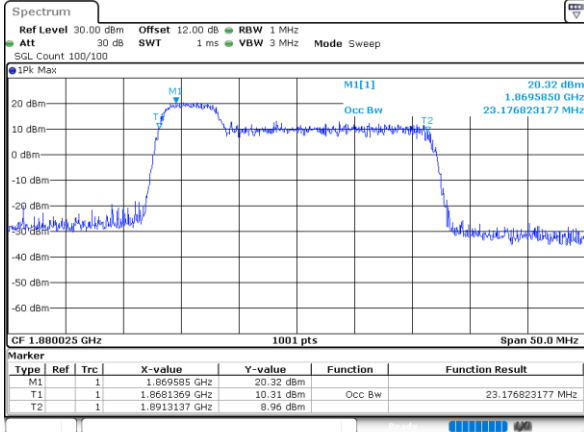
Date: 19,MAR,2024 11:36:27



## LTE Band 2C

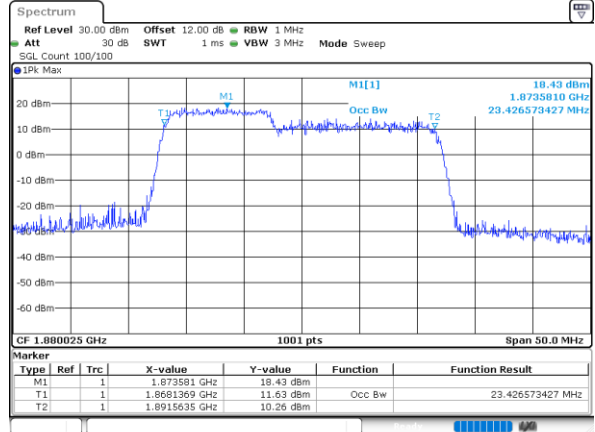
## 256QAM

## Middle Channel / 5MHz+20MHz



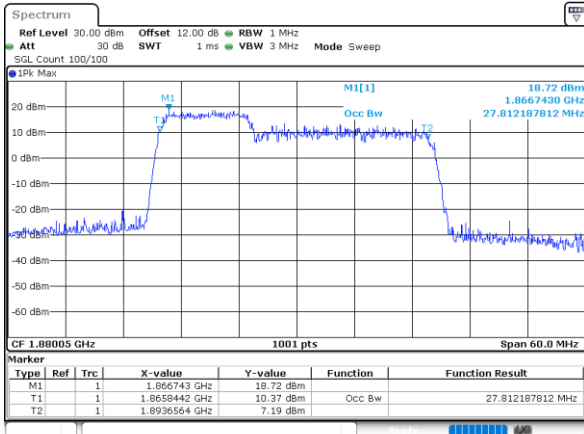
Date: 19.MAR.2024 11:04:41

## Middle Channel / 10MHz+15MHz



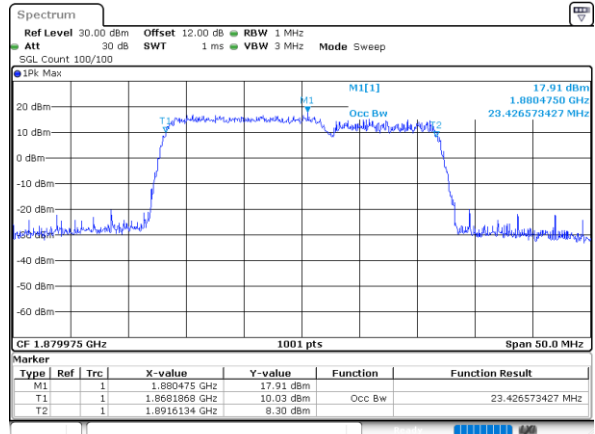
Date: 19.MAR.2024 11:12:08

## Middle Channel / 10MHz+20MHz



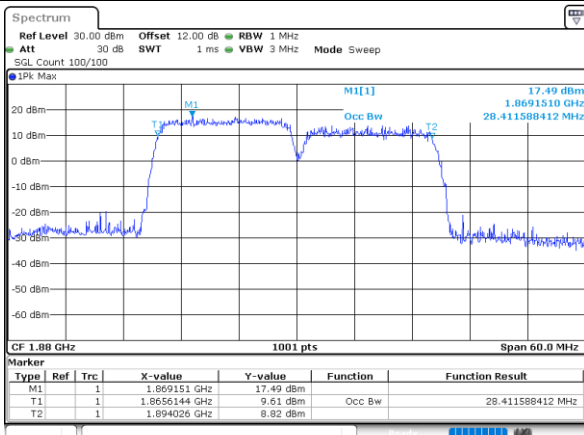
Date: 19.MAR.2024 11:19:15

## Middle Channel / 15MHz+10MHz



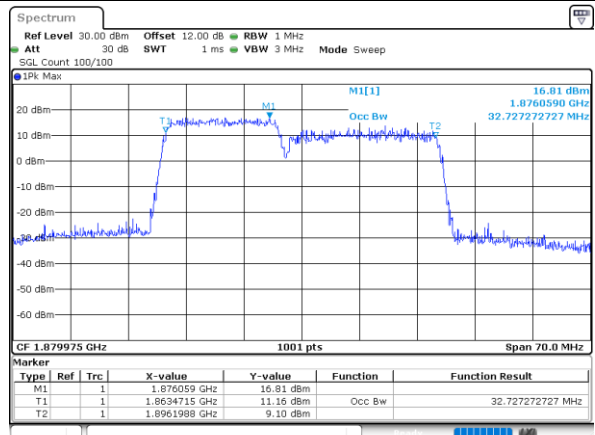
Date: 19.MAR.2024 11:15:12

## Middle Channel / 15MHz+15MHz



Date: 19.MAR.2024 11:26:48

## Middle Channel / 15MHz+20MHz



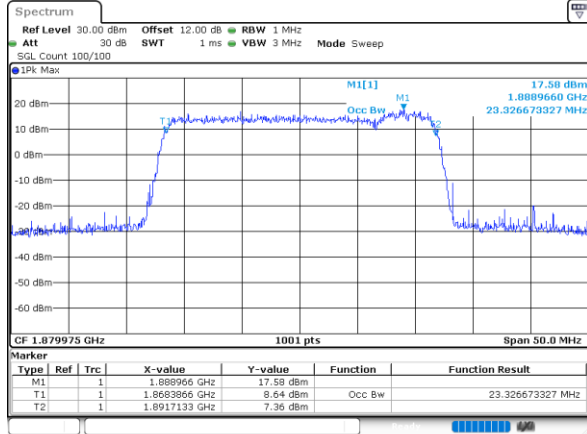
Date: 19.MAR.2024 11:30:11



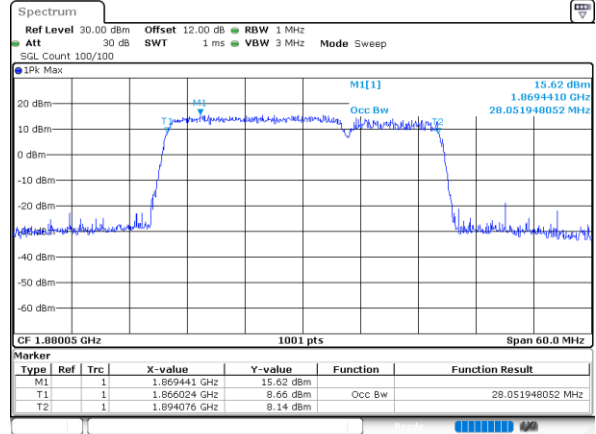
## LTE Band 2C

## 256QAM

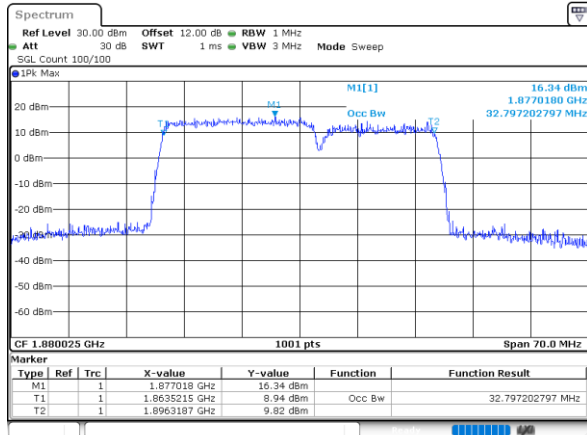
## Middle Channel / 20MHz+5MHz



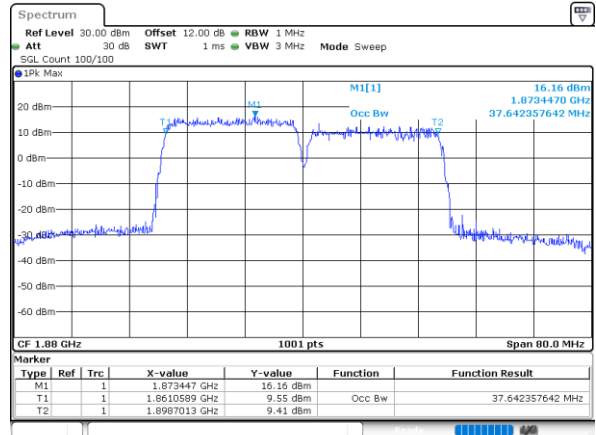
## Middle Channel / 20MHz+10MHz



## Middle Channel / 20MHz+15MHz



## Middle Channel / 20MHz+20MHz



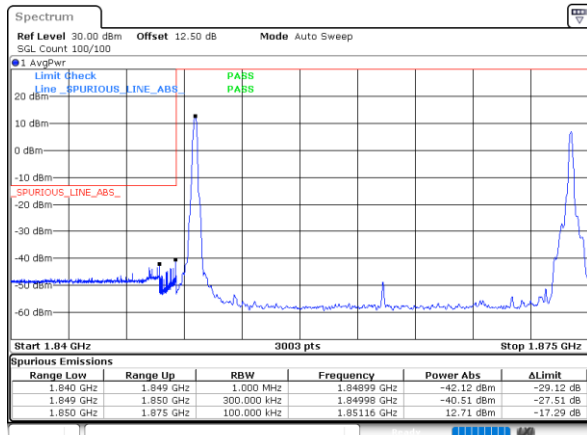


# Conducted Band Edge

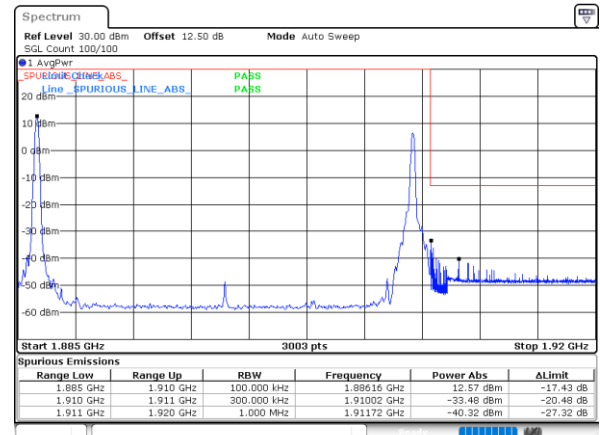
LTE Band 2C / 5MHz+20MHz

QPSK

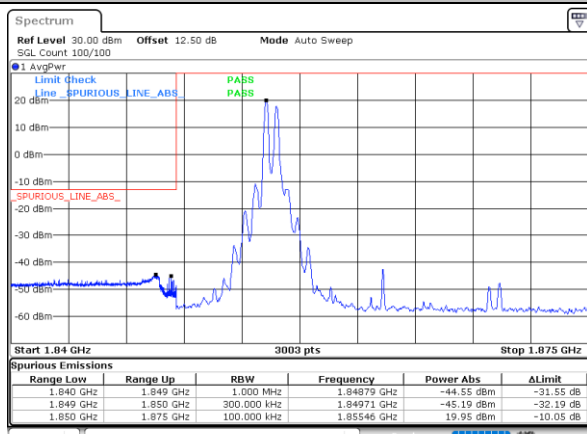
Lowest Band Edge / 1RB0 and 1RB99



Highest Band Edge / 1RB0 and 1RB99



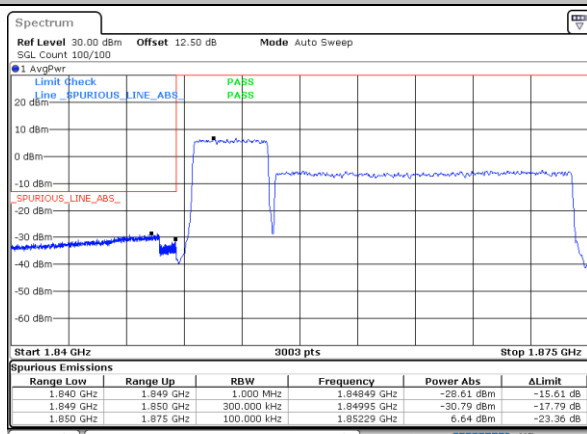
Lowest Band Edge / 1RB24 and 1RB0



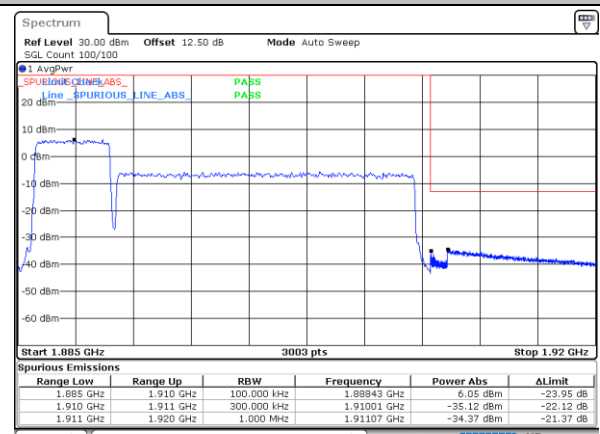
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

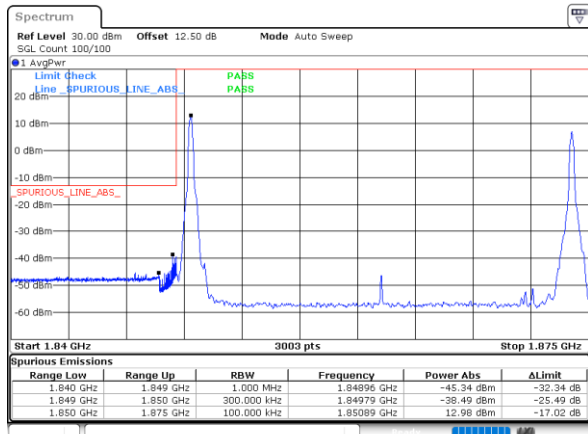




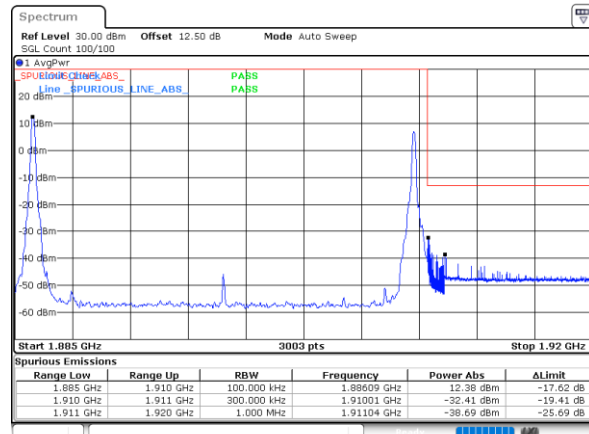
## LTE Band 2C / 10MHz+15MHz

## QPSK

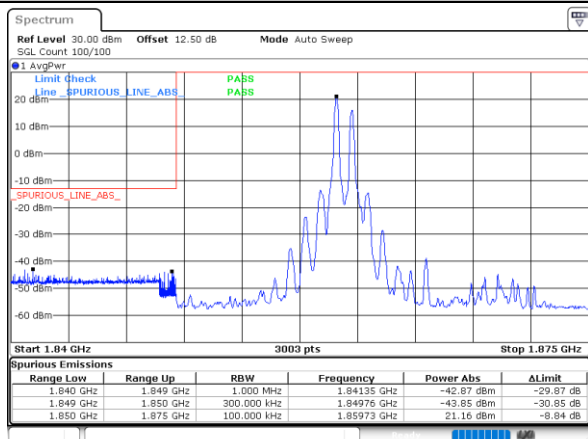
## Lowest Band Edge / 1RB0 and 1RB74



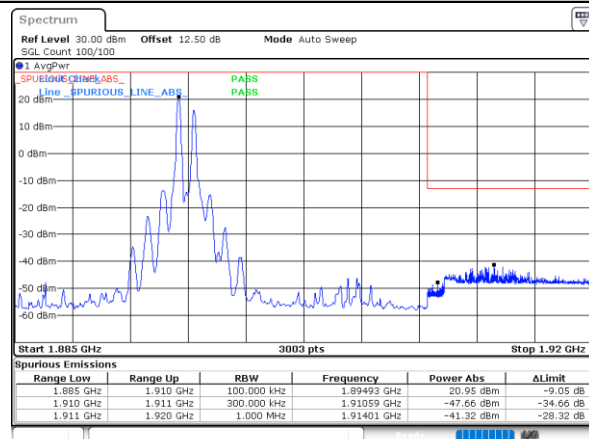
## Highest Band Edge / 1RB0 and 1RB74



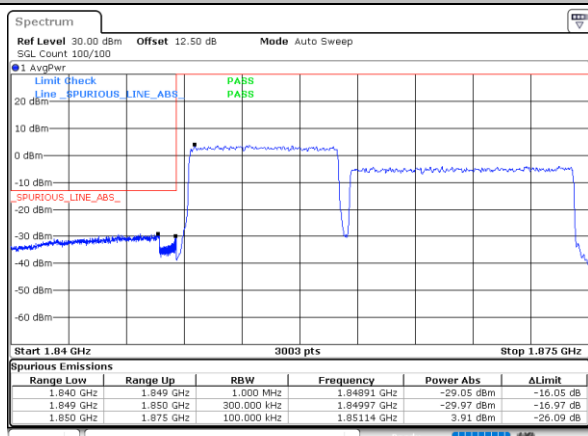
## Lowest Band Edge / 1RB49 and 1RB0



## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

