

# TEST REPORT

**Applicant:** Aegex Technologies, LLC  
**EUT Description:** Tablet  
**Model:** Aegex100M  
**Brand:** Aegex  
**FCC ID:** 2AGVY-100MWBXX02  
**Standards:** FCC CFR Title 47 Part 2  
FCC CFR Title 47 Part 22  
FCC CFR Title 47 Part 24  
FCC CFR Title 47 Part 27  
FCC CFR Title 47 Part 90  
FCC CFR Title 47 Part 96  
FCC CFR Title 47 Part 96.47  
**Date of Receipt:** 2024/03/28  
**Date of Test:** 2024/03/28 to 2025/01/17  
**Date of Issue:** 2025/01/21

TOWE. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

the results documented in this report apply only the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility assure that additional production units of the model are manufactured with identical electrical and mechanical components. All sample tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise. without written approval of TOWE, the test report shall not be reproduced except in full.



**Huang Kun**  
**Approved By:**



**Chen Chengfu**  
**Reviewed By:**

## Revision History

| Rev. | Issue Date | Description | Revised by   |
|------|------------|-------------|--------------|
| 01   | 2025/01/21 | Original    | Chen Chengfu |

## Summary of Test Results

| FCC Part                                                                                                                                      | Test Band                                                                                                                                                                                                                                 | Test Item                              | Test Result |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------|
| §2.1046<br>§22.913(a)(5)<br>§27.50(b)(10)<br>§27.50(c)(10)<br>§90.542(a)                                                                      | WCDMA Band V/LTE Band 5/26(824 ~ 849MHz)<br>LTE Band 13<br>LTE Band 12<br>LTE Band 14                                                                                                                                                     | Effective Radiated Power               | Pass        |
| §2.1046<br>§24.232(c)<br>§27.50(d)(4)<br>§27.50(h)(2)                                                                                         | WCDMA Band II/LTE Band 2/25<br>WCDMA Band IV/LTE Band 4/66<br>LTE Band 7/38/41/CA_41C                                                                                                                                                     | Effective Isotropic Radiated Power     | Pass        |
| §27.50(a)(3)<br>§96.41                                                                                                                        | LTE Band 30<br>LTE Band 48                                                                                                                                                                                                                | Maximum EIRP and Maximum PSD           | Pass        |
| §2.1046<br>§90.635(b)                                                                                                                         | LTE Band 26(814 ~ 824MHz)                                                                                                                                                                                                                 | Transmitter Conducted Output Power     | Pass        |
| §22.913(d)<br>§24.232(d)<br>§96.41<br>§27.50(d)(5)                                                                                            | WCDMA Band V/LTE Band 5/26(824 ~ 849MHz)<br>WCDMA Band II/LTE Band 2/25<br>LTE Band 48<br>Others Band                                                                                                                                     | Peak-Average Ratio                     | PASS*       |
| §2.1049                                                                                                                                       | All Band                                                                                                                                                                                                                                  | Occupied Bandwidth                     | PASS*       |
| §2.1051<br>§90.210(b)<br>§90.691(a)                                                                                                           | LTE Band 14<br>LTE Band 26(814 ~ 824MHz)                                                                                                                                                                                                  | Emission Mask                          | PASS*       |
| §2.1051<br>§22.917(a)<br>§24.238(a)<br>§27.53(c)<br>§27.53(g)<br>§27.53(h)<br>§27.53(m)<br>§90.543(e)(2)(3)<br>§27.53(a)(4)<br>§96.41         | WCDMA Band V/LTE Band 5/26(824 ~ 849MHz)<br>WCDMA Band II/LTE Band 2/25<br>LTE Band 13<br>LTE Band 12<br>WCDMA Band IV/LTE Band 4/66<br>LTE Band 7/38/41/CA_41C<br>LTE Band 14<br>LTE Band 30<br>LTE Band 48                              | Band Edge                              | PASS*       |
| §2.1051<br>§22.917(a)<br>§24.238(a)<br>§27.53(c)<br>§27.53(g)<br>§27.53(h)<br>§27.53(m)<br>§90.691<br>§90.543(c)(f)<br>§27.53(a)(4)<br>§96.41 | WCDMA Band V/LTE Band 5/26(824 ~ 849MHz)<br>WCDMA Band II/LTE Band 2/25<br>LTE Band 13<br>LTE Band 12<br>WCDMA Band IV/LTE Band 4/66<br>LTE Band 7/38/41/CA_41C<br>LTE Band 26(814 ~ 824MHz)<br>LTE Band 14<br>LTE Band 30<br>LTE Band 48 | Spurious Emission at Antenna Terminals | PASS*       |

| FCC Part                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Test Band                                                                                                                                                                                                                                 | Test Item                               | Test Result |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------|
| §2.1053<br>§22.917(a)<br>§24.238(a)<br>§27.53(c)&(f)<br>§27.53(g)<br>§27.53(h)<br>§27.53(m)<br>§90.691<br>§90.543(c)(f)<br>§27.53(a)(4)<br>§96.41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | WCDMA Band V/LTE Band 5/26(824 ~ 849MHz)<br>WCDMA Band II/LTE Band 2/25<br>LTE Band 13<br>LTE Band 12<br>WCDMA Band IV/LTE Band 4/66<br>LTE Band 7/38/41/CA_41C<br>LTE Band 26(814 ~ 824MHz)<br>LTE Band 14<br>LTE Band 30<br>LTE Band 48 | Field Strength of Spurious Radiation    | Pass        |
| §2.1055<br>§22.355<br>§24.235<br>§27.54<br>§90.213<br>§96.41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | WCDMA Band V/LTE Band 5/26(824 ~ 849MHz)<br>WCDMA Band II/LTE Band 2/25<br>Others Band<br>LTE Band 26(814 ~ 824MHz)/14<br>LTE Band 48                                                                                                     | Frequency Stability                     | PASS*       |
| §96.41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LTE Band 48                                                                                                                                                                                                                               | Adjacent Channel Leakage Ratio          | PASS*       |
| §96.47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LTE Band 48                                                                                                                                                                                                                               | End user device additional requirements | PASS*       |
| <b>Remark:</b><br>1. Pass: Due to all frequency bands needing to meet FCC limits and reducing power, so the power test data of all frequency bands were retested. The Field Strength of Spurious Radiation were performed based on the worst case of the original report.<br>2. Pass*: Refer to Module FCC ID: XMR2020EM120RGL, Detailed data reference Report No.: 2006RSU085-U1 & 2006RSU085-U2 & 2006RSU085-U3 & 2006RSU085-U4 & 2006RSU085-U5 & 2006RSU085-U8, provided by MRT Technology (Suzhou) Co., Ltd.<br>3. Pass*: The End user device additional requirements Refer to Module FCC ID: XMR2020EM120RGL, Detailed data reference Report No.: 2006RSU085-U1, provided by MRT Technology (Suzhou) Co., Ltd. |                                                                                                                                                                                                                                           |                                         |             |

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## 1 General Description

### 1.1 Lab Information

#### 1.1.1 Testing Location

These measurements tests were conducted at the Sushi TOWE Wireless Testing(Shenzhen) Co., Ltd. facility located at F401 and F101, Building E, Hongwei Industrial Zone, Liuxian 3rd Road, Bao'an District, Shenzhen, China. The measurement facility is compliant with the test site requirements specified in ANSI C63.4-2014

Tel.: +86-755-27212361

Contact Email: info@towewireless.com

#### 1.1.2 Test Facility / Accreditations

##### **A2LA (Certificate Number: 7088.01)**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

##### **FCC Designation No.: CN1353**

Sushi TOWE Wireless Testing(Shenzhen) Co., Ltd. has been recognized as an accredited testing laboratory. Designation Number: CN1353.

##### **ISED CAB identifier: CN0152**

Sushi TOWE Wireless Testing(Shenzhen) Co., Ltd. has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0152

Company Number: 31000

### 1.2 Client Information

#### 1.2.1 Applicant

|            |                                               |
|------------|-----------------------------------------------|
| Applicant: | Aegex Technologies, LLC                       |
| Address:   | 84 Peachtree Street NW,Atlanta, GA 30303, USA |

#### 1.2.2 Manufacturer

|               |                                               |
|---------------|-----------------------------------------------|
| Manufacturer: | Aegex Technologies, LLC                       |
| Address:      | 84 Peachtree Street NW,Atlanta, GA 30303, USA |

## 1.3 Product Information

|                            |                                                                                   |                                                                                                                                                                                                                                                                                     |                 |
|----------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| EUT Description:           | Tablet                                                                            |                                                                                                                                                                                                                                                                                     |                 |
| Model No.:                 | Aegex100M                                                                         |                                                                                                                                                                                                                                                                                     |                 |
| Brand:                     | Aegex                                                                             |                                                                                                                                                                                                                                                                                     |                 |
| Hardware Version:          | Aegex100M                                                                         |                                                                                                                                                                                                                                                                                     |                 |
| Software Version:          | Windows 11 IoT Enterprise                                                         |                                                                                                                                                                                                                                                                                     |                 |
| IMEI:                      | RF Conducted                                                                      | 863547050056759                                                                                                                                                                                                                                                                     |                 |
|                            | RSE                                                                               | 863947050056809<br>863547050056742                                                                                                                                                                                                                                                  |                 |
| Device Capabilities:       |                                                                                   |                                                                                                                                                                                                                                                                                     |                 |
| Modulation Type:           | WCDMA:                                                                            | <input checked="" type="checkbox"/> RMC, <input checked="" type="checkbox"/> HSUPA, <input type="checkbox"/> HSDPA, <input type="checkbox"/> HSPA+<br><input checked="" type="checkbox"/> BPSK, <input checked="" type="checkbox"/> QPSK, <input checked="" type="checkbox"/> 16QAM |                 |
|                            | LTE:                                                                              | <input checked="" type="checkbox"/> QPSK, <input checked="" type="checkbox"/> 16QAM, <input checked="" type="checkbox"/> 64QAM, <input type="checkbox"/> 256QAM                                                                                                                     |                 |
| Operation Frequency Range: | Band                                                                              | TX Frequency                                                                                                                                                                                                                                                                        | RX Frequency    |
|                            | WCDMA Band II                                                                     | 1850 ~ 1910 MHz                                                                                                                                                                                                                                                                     | 1930 ~ 1990 MHz |
|                            | WCDMA Band IV                                                                     | 1710 ~ 1755 MHz                                                                                                                                                                                                                                                                     | 2110 ~ 2155 MHz |
|                            | WCDMA Band V                                                                      | 824 ~ 849 MHz                                                                                                                                                                                                                                                                       | 869 ~ 894 MHz   |
|                            | LTE Band 2                                                                        | 1850 ~ 1910 MHz                                                                                                                                                                                                                                                                     | 1930 ~ 1990 MHz |
|                            | LTE Band 4                                                                        | 1710 ~ 1755 MHz                                                                                                                                                                                                                                                                     | 2110 ~ 2155 MHz |
|                            | LTE Band 5                                                                        | 824 ~ 849 MHz                                                                                                                                                                                                                                                                       | 869 ~ 894 MHz   |
|                            | LTE Band 7                                                                        | 2500 ~ 2570 MHz                                                                                                                                                                                                                                                                     | 2620 ~ 2690 MHz |
|                            | LTE Band 12                                                                       | 699 ~ 716 MHz                                                                                                                                                                                                                                                                       | 729 ~ 746 MHz   |
|                            | LTE Band 13                                                                       | 777 ~ 787 MHz                                                                                                                                                                                                                                                                       | 746 ~ 756 MHz   |
|                            | LTE Band 14                                                                       | 788 ~ 798 MHz                                                                                                                                                                                                                                                                       | 758 ~ 768 MHz   |
|                            | LTE Band 25                                                                       | 1850 ~ 1915MHz                                                                                                                                                                                                                                                                      | 1930 ~ 1995 MHz |
|                            | LTE Band 26<br>(814 ~ 824 MHz)                                                    | 814 ~ 824MHz                                                                                                                                                                                                                                                                        | 859 ~ 869 MHz   |
|                            | LTE Band 26<br>(824 ~ 849 MHz)                                                    | 824 ~ 849 MHz                                                                                                                                                                                                                                                                       | 869 ~ 894 MHz   |
|                            | LTE Band 30                                                                       | 2305 ~ 2315 MHz                                                                                                                                                                                                                                                                     | 2350 ~ 2360 MHz |
|                            | LTE Band 38                                                                       | 2570 ~ 2620 MHz                                                                                                                                                                                                                                                                     | 2570 ~ 2620 MHz |
|                            | LTE Band 41                                                                       | 2496 ~ 2690MHz                                                                                                                                                                                                                                                                      | 2496 ~ 2690MHz  |
|                            | LTE Band 48                                                                       | 3550 ~ 3700 MHz                                                                                                                                                                                                                                                                     | 3550 ~ 3700 MHz |
|                            | LTE Band 66                                                                       | 1710 ~ 1780 MHz                                                                                                                                                                                                                                                                     | 2110 ~ 2200 MHz |
|                            | LTE CA: CA_41C                                                                    |                                                                                                                                                                                                                                                                                     |                 |
| Antenna Type:              | <input type="checkbox"/> External, <input checked="" type="checkbox"/> Integrated |                                                                                                                                                                                                                                                                                     |                 |
| Antenna Gain:              | Band                                                                              | Ant1 (dBi)                                                                                                                                                                                                                                                                          | Ant2 (dBi)      |
|                            | WCDMA Band II                                                                     | 2.8                                                                                                                                                                                                                                                                                 | 2.74            |
|                            | WCDMA Band IV                                                                     | 2.45                                                                                                                                                                                                                                                                                | 0.06            |
|                            | WCDMA Band V                                                                      | -4.66                                                                                                                                                                                                                                                                               | -7.6            |
|                            | LTE Band 2                                                                        | 2.8                                                                                                                                                                                                                                                                                 | 2.74            |
|                            | LTE Band 4                                                                        | 2.45                                                                                                                                                                                                                                                                                | 0.06            |
|                            | LTE Band 5                                                                        | -4.66                                                                                                                                                                                                                                                                               | -7.6            |

|                                                                                                                                                 |                                |       |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------|--------|
|                                                                                                                                                 | LTE Band 7                     | -5.75 | 1.3    |
|                                                                                                                                                 | LTE Band 12                    | -7.6  | -10.32 |
|                                                                                                                                                 | LTE Band 13                    | -7.06 | -6.38  |
|                                                                                                                                                 | LTE Band 14                    | -6    | -6.47  |
|                                                                                                                                                 | LTE Band 25                    | 2.8   | 2.74   |
|                                                                                                                                                 | LTE Band 26<br>(814 ~ 824 MHz) | -5.32 | -7.2   |
|                                                                                                                                                 | LTE Band 26<br>(824 ~ 849 MHz) | -4.66 | -7.6   |
|                                                                                                                                                 | LTE Band 30                    | -6.87 | 0.89   |
|                                                                                                                                                 | LTE Band 38                    | -3.82 | 0.87   |
|                                                                                                                                                 | LTE Band 41                    | -2.99 | 1.3    |
|                                                                                                                                                 | LTE Band 48                    | 0.39  | -3.23  |
|                                                                                                                                                 | LTE Band 66                    | 2.65  | 0.1    |
| Remark: The above EUT's information was declared by applicant, please refer to the specifications or user manual for more detailed description. |                                |       |        |

## 2 Test Configuration

### 2.1 Test Channel

| Band          | TX Frequency |         |            | RX Frequency |         |            |
|---------------|--------------|---------|------------|--------------|---------|------------|
|               | Range        | Channel | Frequency  | Range        | Channel | Frequency  |
| WCDMA Band II | Low          | 9262    | 1852.4 MHz | Low          | 9662    | 1932.4 MHz |
|               | Middle       | 9400    | 1880.0 MHz | Middle       | 9800    | 1960.0 MHz |
|               | High         | 9538    | 1907.6 MHz | High         | 9938    | 1987.6 MHz |
| WCDMA Band IV | Low          | 1312    | 1712.4MHz  | Low          | 1537    | 2112.4 MHz |
|               | Middle       | 1413    | 1732.6 MHz | Middle       | 1638    | 2132.6 MHz |
|               | High         | 1513    | 1752.6 MHz | High         | 1738    | 2152.6 MHz |
| WCDMA Band V  | Low          | 4132    | 826.4 MHz  | Low          | 4357    | 871.4 MHz  |
|               | Middle       | 4182    | 836.4 MHz  | Middle       | 4407    | 881.4 MHz  |
|               | High         | 4233    | 846.6 MHz  | High         | 4458    | 891.6 MHz  |

| Band       | Bandwidth | TX Frequency |         |            | RX Frequency |         |            |
|------------|-----------|--------------|---------|------------|--------------|---------|------------|
|            |           | Range        | Channel | Frequency  | Range        | Channel | Frequency  |
| LTE Band 2 | 1.4MHz    | Low          | 18607   | 1850.7 MHz | Low          | 607     | 1930.7 MHz |
|            |           | Middle       | 18900   | 1880 MHz   | Middle       | 900     | 1960 MHz   |
|            |           | High         | 19193   | 1909.3 MHz | High         | 1193    | 1989.3 MHz |
|            | 3MHz      | Low          | 18615   | 1851.5 MHz | Low          | 615     | 1931.5 MHz |
|            |           | Middle       | 18900   | 1880 MHz   | Middle       | 900     | 1960 MHz   |
|            |           | High         | 19185   | 1908.5 MHz | High         | 1185    | 1988.5 MHz |
|            | 5MHz      | Low          | 18625   | 1852.5 MHz | Low          | 625     | 1932.5 MHz |
|            |           | Middle       | 18900   | 1880 MHz   | Middle       | 900     | 1960 MHz   |
|            |           | High         | 19175   | 1907.5 MHz | High         | 1175    | 1987.5 MHz |
|            | 10MHz     | Low          | 18650   | 1855 MHz   | Low          | 650     | 1935 MHz   |
|            |           | Middle       | 18900   | 1880 MHz   | Middle       | 900     | 1960 MHz   |
|            |           | High         | 19150   | 1905 MHz   | High         | 1150    | 1985 MHz   |
|            | 15MHz     | Low          | 18675   | 1857.5 MHz | Low          | 675     | 1937.5 MHz |
|            |           | Middle       | 18900   | 1880 MHz   | Middle       | 900     | 1960 MHz   |
|            |           | High         | 19125   | 1902.5 MHz | High         | 1125    | 1982.5 MHz |
|            | 20MHz     | Low          | 18700   | 1860 MHz   | Low          | 700     | 1940 MHz   |
|            |           | Middle       | 18900   | 1880 MHz   | Middle       | 900     | 1960 MHz   |
|            |           | High         | 19100   | 1900 MHz   | High         | 1100    | 1980 MHz   |
| LTE Band 4 | 1.4MHz    | Low          | 19957   | 1710.7 MHz | Low          | 1957    | 2110.7 MHz |
|            |           | Middle       | 20175   | 1732.5 MHz | Middle       | 2175    | 2132.5MHz  |
|            |           | High         | 20393   | 1754.3 MHz | High         | 2393    | 2154.3 MHz |
|            | 3MHz      | Low          | 19965   | 1711.5 MHz | Low          | 1965    | 2111.5 MHz |
|            |           | Middle       | 20175   | 1732.5 MHz | Middle       | 2175    | 2132.5MHz  |
|            |           | High         | 20385   | 1753.5 MHz | High         | 2385    | 2153.5 MHz |
|            | 5MHz      | Low          | 19975   | 1712.5 MHz | Low          | 1975    | 2112.5 MHz |
|            |           | Middle       | 20175   | 1732.5 MHz | Middle       | 2175    | 2132.5MHz  |
|            |           | High         | 20375   | 1752.5 MHz | High         | 2375    | 2152.5 MHz |
|            | 10MHz     | Low          | 20000   | 1715 MHz   | Low          | 2115    | 2115 MHz   |
|            |           | Middle       | 20175   | 1732.5 MHz | Middle       | 2175    | 2132.5MHz  |
|            |           | High         | 20350   | 1750 MHz   | High         | 2350    | 2150 MHz   |
|            | 15MHz     | Low          | 20025   | 1717.5 MHz | Low          | 2025    | 2117.5 MHz |
|            |           | Middle       | 20175   | 1732.5 MHz | Middle       | 2175    | 2132.5MHz  |
|            |           | High         | 20325   | 1747.5 MHz | High         | 2325    | 2147.5 MHz |
|            | 20MHz     | Low          | 20050   | 1720 MHz   | Low          | 2050    | 2120 MHz   |
|            |           | Middle       | 20175   | 1732.5 MHz | Middle       | 2175    | 2132.5MHz  |
|            |           | High         | 20300   | 1745 MHz   | High         | 2300    | 2145 MHz   |
| LTE Band 5 | 1.4MHz    | Low          | 20407   | 824.7 MHz  | Low          | 2407    | 869.7 MHz  |
|            |           | Middle       | 20525   | 836.5 MHz  | Middle       | 2525    | 881.5 MHz  |
|            |           | High         | 20643   | 848.3 MHz  | High         | 2643    | 893.3 MHz  |
|            | 3MHz      | Low          | 20415   | 825.5 MHz  | Low          | 2415    | 870.5 MHz  |
|            |           | Middle       | 20525   | 836.5 MHz  | Middle       | 2525    | 881.5 MHz  |

| Band        | Bandwidth | TX Frequency |         |            | RX Frequency |         |            |
|-------------|-----------|--------------|---------|------------|--------------|---------|------------|
|             |           | Range        | Channel | Frequency  | Range        | Channel | Frequency  |
|             | 5MHz      | High         | 20635   | 847.5 MHz  | High         | 2635    | 892.5 MHz  |
|             |           | Low          | 20425   | 826.5 MHz  | Low          | 2425    | 871.5 MHz  |
|             |           | Middle       | 20525   | 836.5 MHz  | Middle       | 2525    | 881.5 MHz  |
|             | 10MHz     | High         | 20625   | 846.5 MHz  | High         | 2625    | 891.5 MHz  |
|             |           | Low          | 20450   | 829 MHz    | Low          | 2450    | 874 MHz    |
|             |           | Middle       | 20525   | 836.5 MHz  | Middle       | 2525    | 881.5 MHz  |
|             |           | High         | 20600   | 844 MHz    | High         | 2600    | 889 MHz    |
| LTE Band 7  | 5MHz      | Low          | 20775   | 2502.5 MHz | Low          | 2775    | 2622.5 MHz |
|             |           | Middle       | 21100   | 2535 MHz   | Middle       | 3100    | 2655 MHz   |
|             |           | High         | 21425   | 2567.5 MHz | High         | 3425    | 2687.5 MHz |
|             | 10MHz     | Low          | 20800   | 2505 MHz   | Low          | 2800    | 2625 MHz   |
|             |           | Middle       | 21100   | 2535 MHz   | Middle       | 3100    | 2655 MHz   |
|             |           | High         | 21400   | 2565 MHz   | High         | 3400    | 2685 MHz   |
|             | 15MHz     | Low          | 20825   | 2507.5 MHz | Low          | 2825    | 2627.5 MHz |
|             |           | Middle       | 21100   | 2535 MHz   | Middle       | 3100    | 2655 MHz   |
|             |           | High         | 21375   | 2562.5 MHz | High         | 3375    | 2682.5 MHz |
|             | 20MHz     | Low          | 20850   | 2510 MHz   | Low          | 2850    | 2630 MHz   |
|             |           | Middle       | 21100   | 2535 MHz   | Middle       | 3100    | 2655 MHz   |
|             |           | High         | 21350   | 2560 MHz   | High         | 3350    | 2680 MHz   |
| LTE Band 12 | 1.4MHz    | Low          | 23017   | 699.7 MHz  | Low          | 5017    | 729.7 MHz  |
|             |           | Middle       | 23095   | 707.5 MHz  | Middle       | 5095    | 737.5 MHz  |
|             |           | High         | 23173   | 715.3 MHz  | High         | 5173    | 745.3 MHz  |
|             | 3MHz      | Low          | 23025   | 700.5 MHz  | Low          | 5025    | 730.5 MHz  |
|             |           | Middle       | 23095   | 707.5 MHz  | Middle       | 5095    | 737.5 MHz  |
|             |           | High         | 23165   | 714.5 MHz  | High         | 5165    | 744.5 MHz  |
|             | 5MHz      | Low          | 23035   | 701.5 MHz  | Low          | 5035    | 731.5 MHz  |
|             |           | Middle       | 23095   | 707.5 MHz  | Middle       | 5095    | 737.5 MHz  |
|             |           | High         | 23155   | 713.5 MHz  | High         | 5155    | 743.5 MHz  |
|             | 10MHz     | Low          | 23060   | 704 MHz    | Low          | 5060    | 734 MHz    |
|             |           | Middle       | 23095   | 707.5 MHz  | Middle       | 5095    | 737.5 MHz  |
|             |           | High         | 23130   | 711 MHz    | High         | 5130    | 741 MHz    |
| LTE Band 13 | 5MHz      | Low          | 23205   | 779.5 MHz  | Low          | 5205    | 748.5 MHz  |
|             |           | Middle       | 23230   | 782 MHz    | Middle       | 5230    | 751 MHz    |
|             |           | High         | 23255   | 784.5 MHz  | High         | 5255    | 753.5 MHz  |
|             | 10MHz     | Low          | 23230   | 782 MHz    | Low          | 5230    | 751 MHz    |
|             |           | Middle       | 23230   | 782 MHz    | Middle       | 5230    | 751 MHz    |
|             |           | High         | 23230   | 782 MHz    | High         | 5230    | 751 MHz    |
| LTE band 14 | 5MHz      | Low          | 23305   | 790.5 MHz  | Low          | 5305    | 760.5 MHz  |
|             |           | Middle       | 23330   | 793 MHz    | Middle       | 5330    | 763 MHz    |
|             |           | High         | 23355   | 795.5 MHz  | High         | 5355    | 765.5 MHz  |
|             | 10MHz     | Low          | 23330   | 793 MHz    | Low          | 5330    | 763 MHz    |
|             |           | Middle       | 23330   | 793 MHz    | Middle       | 5330    | 763 MHz    |
|             |           | High         | 23330   | 793 MHz    | High         | 5330    | 763 MHz    |
| LTE Band 25 | 1.4MHz    | Low          | 26047   | 1850.7 MHz | Low          | 8047    | 1930.7 MHz |
|             |           | Middle       | 26365   | 1882.5 MHz | Middle       | 8365    | 1962.5 MHz |
|             |           | High         | 26683   | 1914.3 MHz | High         | 8683    | 1994.3 MHz |
|             | 3MHz      | Low          | 26055   | 1851.5 MHz | Low          | 8055    | 1931.5 MHz |
|             |           | Middle       | 26365   | 1882.5 MHz | Middle       | 8365    | 1962.5 MHz |
|             |           | High         | 26675   | 1913.5 MHz | High         | 8675    | 1993.5 MHz |
|             | 5MHz      | Low          | 26065   | 1852.5 MHz | Low          | 8065    | 1932.5 MHz |
|             |           | Middle       | 26365   | 1882.5 MHz | Middle       | 8365    | 1962.5 MHz |
|             |           | High         | 26665   | 1912.5 MHz | High         | 8665    | 1992.5 MHz |
|             | 10MHz     | Low          | 26090   | 1855 MHz   | Low          | 8090    | 1935 MHz   |
|             |           | Middle       | 26365   | 1882.5 MHz | Middle       | 8365    | 1962.5 MHz |
|             |           | High         | 26640   | 1910 MHz   | High         | 8640    | 1990 MHz   |
|             | 15MHz     | Low          | 26115   | 1857.5 MHz | Low          | 8115    | 1937.5 MHz |
|             |           | Middle       | 26365   | 1882.5 MHz | Middle       | 8365    | 1962.5 MHz |

| Band                       | Bandwidth | TX Frequency |         |            | RX Frequency |         |            |
|----------------------------|-----------|--------------|---------|------------|--------------|---------|------------|
|                            |           | Range        | Channel | Frequency  | Range        | Channel | Frequency  |
|                            | 20MHz     | High         | 26615   | 1907.5 MHz | High         | 8615    | 1987.5 MHz |
|                            |           | Low          | 26140   | 1860 MHz   | Low          | 8140    | 1940 MHz   |
|                            |           | Middle       | 26365   | 1882.5 MHz | Middle       | 8365    | 1962.5 MHz |
|                            |           | High         | 26590   | 1905 MHz   | High         | 8590    | 1985 MHz   |
| LTE Band 26<br>(814-824)   | 1.4MHz    | Low          | 26697   | 814.7 MHz  | Low          | 8697    | 859.7 MHz  |
|                            |           | Middle       | 26740   | 819 MHz    | Middle       | 8740    | 864MHz     |
|                            |           | High         | 26783   | 823.3 MHz  | High         | 8783    | 868.3 MHz  |
|                            | 3MHz      | Low          | 26705   | 815.5 MHz  | Low          | 8705    | 860.5 MHz  |
|                            |           | Middle       | 26740   | 819 MHz    | Middle       | 8740    | 864MHz     |
|                            |           | High         | 26775   | 822.5 MHz  | High         | 8775    | 867.5 MHz  |
|                            | 5MHz      | Low          | 26715   | 816.5 MHz  | Low          | 8715    | 861.5 MHz  |
|                            |           | Middle       | 26740   | 819 MHz    | Middle       | 8740    | 864MHz     |
|                            |           | High         | 26765   | 821.5 MHz  | High         | 8765    | 866.5 MHz  |
|                            | 10MHz     | Low          | 26740   | 819 MHz    | Low          | 8740    | 864MHz     |
|                            |           | Middle       | 26740   | 819 MHz    | Middle       | 8740    | 864MHz     |
|                            |           | High         | 26740   | 819 MHz    | High         | 8740    | 864MHz     |
| LTE Band 26<br>(824-849)   | 1.4MHz    | Low          | 26797   | 824.7 MHz  | Low          | 8797    | 869.7 MHz  |
|                            |           | Middle       | 26915   | 836.5 MHz  | Middle       | 8915    | 881.5 MHz  |
|                            |           | High         | 27033   | 848.3 MHz  | High         | 9033    | 893.3 MHz  |
|                            | 3MHz      | Low          | 26805   | 825.5 MHz  | Low          | 8805    | 870.5 MHz  |
|                            |           | Middle       | 26915   | 836.5 MHz  | Middle       | 8915    | 881.5 MHz  |
|                            |           | High         | 27025   | 847.5 MHz  | High         | 9025    | 892.5 MHz  |
|                            | 5MHz      | Low          | 26815   | 826.5 MHz  | Low          | 8815    | 871.5 MHz  |
|                            |           | Middle       | 26915   | 836.5 MHz  | Middle       | 8915    | 881.5 MHz  |
|                            |           | High         | 27015   | 846.5 MHz  | High         | 9015    | 891.5 MHz  |
|                            | 10MHz     | Low          | 26840   | 829 MHz    | Low          | 8840    | 844 MHz    |
|                            |           | Middle       | 26915   | 836.5 MHz  | Middle       | 8915    | 881.5 MHz  |
|                            |           | High         | 26990   | 844 MHz    | High         | 8990    | 889 MHz    |
|                            | 15MHz     | Low          | 26865   | 831.5 MHz  | Low          | 8865    | 876.5 MHz  |
|                            |           | Middle       | 26915   | 836.5 MHz  | Middle       | 8915    | 881.5 MHz  |
|                            |           | High         | 26965   | 841.5 MHz  | High         | 8965    | 886.5 MHz  |
| LTE Band 30                | 5MHz      | Low          | 27685   | 2307.5 MHz | Low          | 9795    | 2352.5MHz  |
|                            |           | Middle       | 27710   | 2310MHz    | Middle       | 9820    | 2355 MHz   |
|                            |           | High         | 27735   | 2312.5 MHz | High         | 9845    | 2357.5MHz  |
|                            | 10MHz     | Low          | 27710   | 2310 MHz   | Low          | 9820    | 2355 MHz   |
|                            |           | Middle       | 27710   | 2310 MHz   | Middle       | 9820    | 2355 MHz   |
|                            |           | High         | 27710   | 2310 MHz   | High         | 9820    | 2355 MHz   |
| LTE Band 38                | 5MHz      | Low          | 37775   | 2572.5 MHz | Low          | 37775   | 2572.5 MHz |
|                            |           | Middle       | 38000   | 2595 MHz   | Middle       | 38000   | 2595 MHz   |
|                            |           | High         | 38225   | 2617.5 MHz | High         | 38225   | 2617.5 MHz |
|                            | 10MHz     | Low          | 37800   | 2575 MHz   | Low          | 37800   | 2575 MHz   |
|                            |           | Middle       | 38000   | 2595 MHz   | Middle       | 38000   | 2595 MHz   |
|                            |           | High         | 38200   | 2615 MHz   | High         | 38200   | 2615 MHz   |
|                            | 15MHz     | Low          | 37825   | 2577.5 MHz | Low          | 37825   | 2577.5 MHz |
|                            |           | Middle       | 38000   | 2595 MHz   | Middle       | 38000   | 2595 MHz   |
|                            |           | High         | 38175   | 2612.5 MHz | High         | 38175   | 2612.5 MHz |
|                            | 20MHz     | Low          | 37850   | 2580 MHz   | Low          | 37850   | 2580 MHz   |
|                            |           | Middle       | 38000   | 2595 MHz   | Middle       | 38000   | 2595 MHz   |
|                            |           | High         | 38150   | 2610 MHz   | High         | 38150   | 2610 MHz   |
| LTE Band 41<br>(2496-2690) | 5MHz      | Low          | 39675   | 2498.5 MHz | Low          | 39675   | 2498.5 MHz |
|                            |           | Middle       | 40620   | 2593 MHz   | Middle       | 40620   | 2593 MHz   |
|                            |           | High         | 41565   | 2687.5 MHz | High         | 41565   | 2687.5 MHz |
|                            | 10MHz     | Low          | 39700   | 2501 MHz   | Low          | 39700   | 2501 MHz   |
|                            |           | Middle       | 40620   | 2593 MHz   | Middle       | 40620   | 2593 MHz   |
|                            |           | High         | 41540   | 2685 MHz   | High         | 41540   | 2685 MHz   |
|                            | 15MHz     | Low          | 39725   | 2503.5 MHz | Low          | 39725   | 2503.5 MHz |
|                            |           | Middle       | 40620   | 2593 MHz   | Middle       | 40620   | 2593 MHz   |

| Band        | Bandwidth | TX Frequency |         |            | RX Frequency |         |            |
|-------------|-----------|--------------|---------|------------|--------------|---------|------------|
|             |           | Range        | Channel | Frequency  | Range        | Channel | Frequency  |
|             | 20MHz     | High         | 41515   | 2682.5 MHz | High         | 41515   | 2682.5 MHz |
|             |           | Low          | 39750   | 2506 MHz   | Low          | 39750   | 2506 MHz   |
|             |           | Middle       | 40620   | 2593 MHz   | Middle       | 40620   | 2593 MHz   |
|             |           | High         | 41490   | 2680 MHz   | High         | 41490   | 2680 MHz   |
| LTE Band 66 | 1.4MHz    | Low          | 131979  | 1710.7 MHz | Low          | 66443   | 2110.7 MHz |
|             |           | Middle       | 132322  | 1745 MHz   | Middle       | 66786   | 2145MHz    |
|             |           | High         | 132665  | 1779.3 MHz | High         | 67329   | 2199.3 MHz |
|             | 3MHz      | Low          | 131987  | 1711.5 MHz | Low          | 66451   | 2111.5 MHz |
|             |           | Middle       | 132322  | 1745 MHz   | Middle       | 66786   | 2145MHz    |
|             |           | High         | 132657  | 1778.5MHz  | High         | 67321   | 2198.5MHz  |
|             | 5MHz      | Low          | 131997  | 1712.5 MHz | Low          | 66461   | 2112.5 MHz |
|             |           | Middle       | 132322  | 1745 MHz   | Middle       | 66786   | 2145MHz    |
|             |           | High         | 132647  | 1777.5 MHz | High         | 67311   | 2197.5 MHz |
|             | 10MHz     | Low          | 132022  | 1715 MHz   | Low          | 66486   | 2115 MHz   |
|             |           | Middle       | 132322  | 1745 MHz   | Middle       | 66786   | 2145MHz    |
|             |           | High         | 132622  | 1775 MHz   | High         | 67286   | 2195 MHz   |
|             | 15MHz     | Low          | 132047  | 1717.5 MHz | Low          | 66511   | 2117.5 MHz |
|             |           | Middle       | 132322  | 1745 MHz   | Middle       | 66786   | 2145MHz    |
|             |           | High         | 132597  | 1772.5 MHz | High         | 67261   | 2192.5 MHz |
|             | 20MHz     | Low          | 132072  | 1720 MHz   | Low          | 66536   | 2120 MHz   |
|             |           | Middle       | 132322  | 1745 MHz   | Middle       | 66786   | 2145MHz    |
|             |           | High         | 132572  | 1770 MHz   | High         | 67236   | 2190 MHz   |

| Test Mode   | Bandwidth | TX / RX | RF Channel    |              |               |
|-------------|-----------|---------|---------------|--------------|---------------|
|             |           |         | Low (L)       | Middle (M)   | High (H)      |
| LTE Band 48 | 5MHz      | TX/RX   | Channel 55265 | Channel55990 | Channel 56715 |
|             |           |         | 3552.5 MHz    | 3625.0 MHz   | 3697.5 MHz    |
|             | 10MHz     | TX/RX   | Channel 55290 | Channel55990 | Channel 56690 |
|             |           |         | 3555.0 MHz    | 3625.0 MHz   | 3695.0 MHz    |
|             | 15MHz     | TX/RX   | Channel 55315 | Channel55990 | Channel 56665 |
|             |           |         | 3557.5 MHz    | 3625.0 MHz   | 3692.5 MHz    |
|             | 20MHz     | TX/RX   | Channel 55340 | Channel55990 | Channel 56640 |
|             |           |         | 3560.0 MHz    | 3625.0 MHz   | 3690.0 MHz    |

**Table 4.3.1.2.9A-1: Test frequencies for CA\_41C**

| Range                                           | CC-Combo /<br>N <sub>RB_agg</sub><br>[RB] | CC1<br>Note1 |                    |                             | CC2<br>Note1 |                    |                             |
|-------------------------------------------------|-------------------------------------------|--------------|--------------------|-----------------------------|--------------|--------------------|-----------------------------|
|                                                 |                                           | BW<br>[RB]   | N <sub>UL/DL</sub> | f <sub>UL/DL</sub><br>[MHz] | BW<br>[RB]   | N <sub>UL/DL</sub> | f <sub>UL/DL</sub><br>[MHz] |
| Low                                             | 25+100                                    | 25           | 39683              | 2499.3                      | 100          | 39800              | 2511                        |
|                                                 |                                           | 100          | 39750              | 2506                        | 25           | 39867              | 2517.7                      |
|                                                 | 50+75                                     | 50           | 39703              | 2501.3                      | 75           | 39823              | 2513.3                      |
|                                                 |                                           | 75           | 39725              | 2503.5                      | 50           | 39845              | 2515.5                      |
|                                                 | 50+100                                    | 50           | 39705              | 2501.5                      | 100          | 39849              | 2515.9                      |
|                                                 |                                           | 100          | 39750              | 2506                        | 50           | 39894              | 2520.4                      |
|                                                 | 75+75                                     | 75           | 39725              | 2503.5                      | 75           | 39875              | 2518.5                      |
|                                                 | 75+100                                    | 75           | 39728              | 2503.8                      | 100          | 39899              | 2520.9                      |
|                                                 |                                           | 100          | 39750              | 2506                        | 75           | 39921              | 2523.1                      |
| 100+100                                         | 100                                       | 39750        | 2506               | 100                         | 39948        | 2525.8             |                             |
| Mid                                             | 25+100                                    | 25           | 40528              | 2583.8                      | 100          | 40645              | 2595.5                      |
|                                                 |                                           | 100          | 40595              | 2590.5                      | 25           | 40712              | 2602.2                      |
|                                                 | 50+75                                     | 50           | 40549              | 2585.9                      | 75           | 40669              | 2597.9                      |
|                                                 |                                           | 75           | 40571              | 2588.1                      | 50           | 40691              | 2600.1                      |
|                                                 | 50+100                                    | 50           | 40526              | 2583.6                      | 100          | 40670              | 2598.0                      |
|                                                 |                                           | 100          | 40571              | 2588.1                      | 50           | 40715              | 2602.5                      |
|                                                 | 75+75                                     | 75           | 40545              | 2585.5                      | 75           | 40695              | 2600.5                      |
|                                                 | 75+100                                    | 75           | 40523              | 2583.3                      | 100          | 40694              | 2600.4                      |
|                                                 |                                           | 100          | 40546              | 2585.6                      | 75           | 40717              | 2602.7                      |
| 100+100                                         | 100                                       | 40521        | 2583.1             | 100                         | 40719        | 2602.9             |                             |
| High                                            | 25+100                                    | 25           | 41373              | 2668.3                      | 100          | 41490              | 2680                        |
|                                                 |                                           | 100          | 41440              | 2675                        | 25           | 41557              | 2686.7                      |
|                                                 | 50+75                                     | 50           | 41395              | 2670.5                      | 75           | 41515              | 2682.5                      |
|                                                 |                                           | 75           | 41417              | 2672.7                      | 50           | 41537              | 2684.7                      |
|                                                 | 50+100                                    | 50           | 41346              | 2665.6                      | 100          | 41490              | 2680                        |
|                                                 |                                           | 100          | 41391              | 2670.1                      | 50           | 41535              | 2684.5                      |
|                                                 | 75+75                                     | 75           | 41365              | 2667.5                      | 75           | 41515              | 2682.5                      |
|                                                 | 75+100                                    | 75           | 41319              | 2662.9                      | 100          | 41490              | 2680                        |
|                                                 |                                           | 100          | 41341              | 2665.1                      | 75           | 41512              | 2682.2                      |
| 100+100                                         | 100                                       | 41292        | 2660.2             | 100                         | 41490        | 2680               |                             |
| Note 1: Carriers in increasing frequency order. |                                           |              |                    |                             |              |                    |                             |

## 2.2 Test Mode

| Test Mode | Description                                                  |
|-----------|--------------------------------------------------------------|
| TM 1      | EUT communication with simulated station in WCDMA/RMC mode   |
| TM 2      | EUT communication with simulated station in WCDMA/HSUPA mode |
| TM 3      | EUT communication with simulated station in LTE/QPSK mode    |
| TM 4      | EUT communication with simulated station in LTE/16QAM mode   |
| TM 5      | EUT communication with simulated station in LTE/64QAM mode   |

Note: The maximum Conducted Power is calculated from max output power and max antenna gain, only the maximum Conducted Power is shown in the report.

## 2.3 Support Unit used in test

The EUT has been tested as an independent unit.

## 2.4 Test Environment

|                          |                                                         |
|--------------------------|---------------------------------------------------------|
| <b>Temperature:</b>      | Normal: 15°C ~ 35°C, Extreme: -30°C ~ +50°C             |
| <b>Relative Humidity</b> | 45-56 % RH Ambient                                      |
| <b>Voltage:</b>          | Nominal: 3.87 Vdc, Extreme: Low 3.80 Vdc, High 4.45 Vdc |

## 2.5 Test RF Cable

**For all conducted test items:** The offset level is set spectrum analyzer to compensate the RF cable loss and attenuator factor between RF conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level will be exactly the RF output level.

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

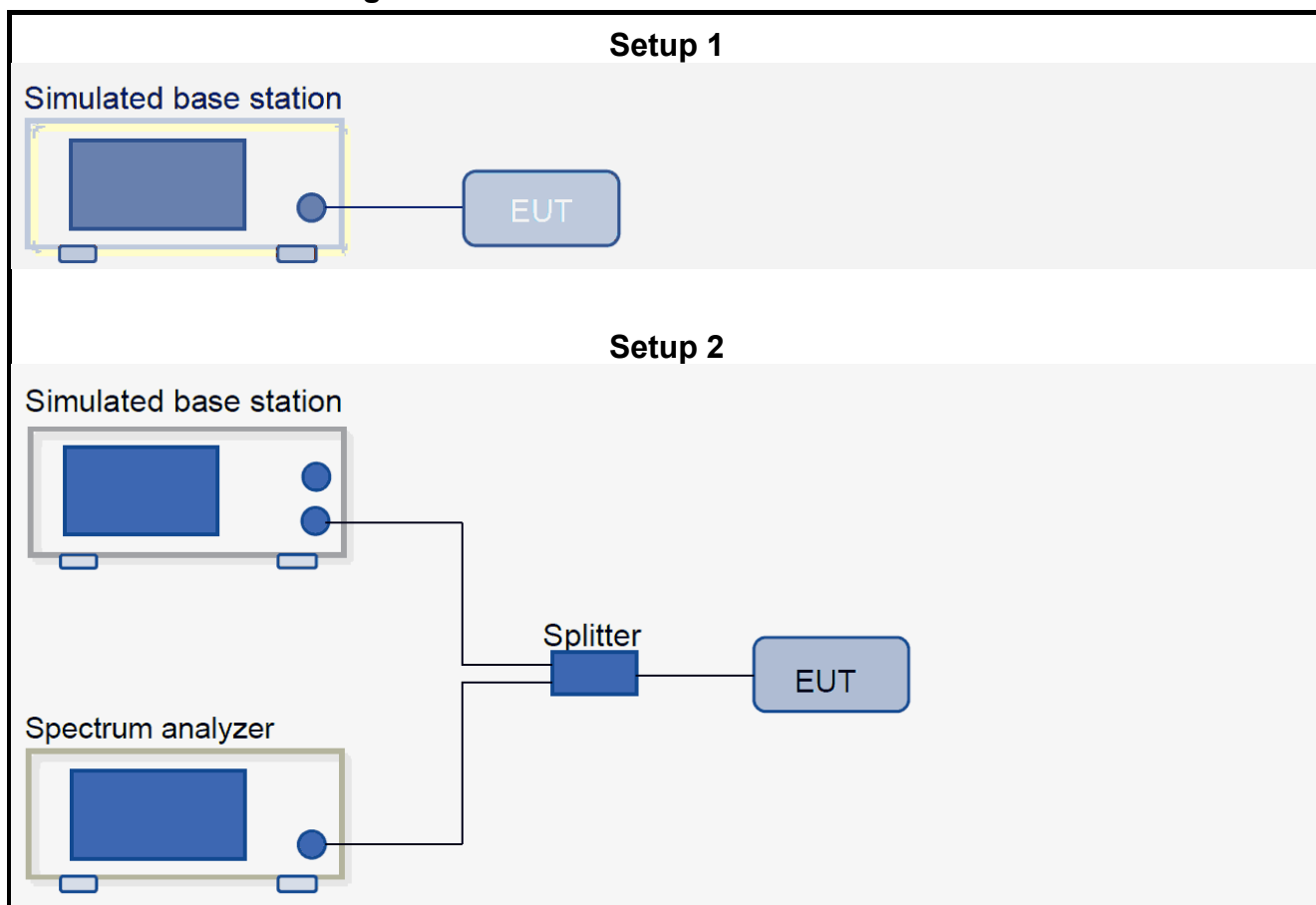
Offset = RF cable loss + attenuator factor.

## 2.6 Modifications

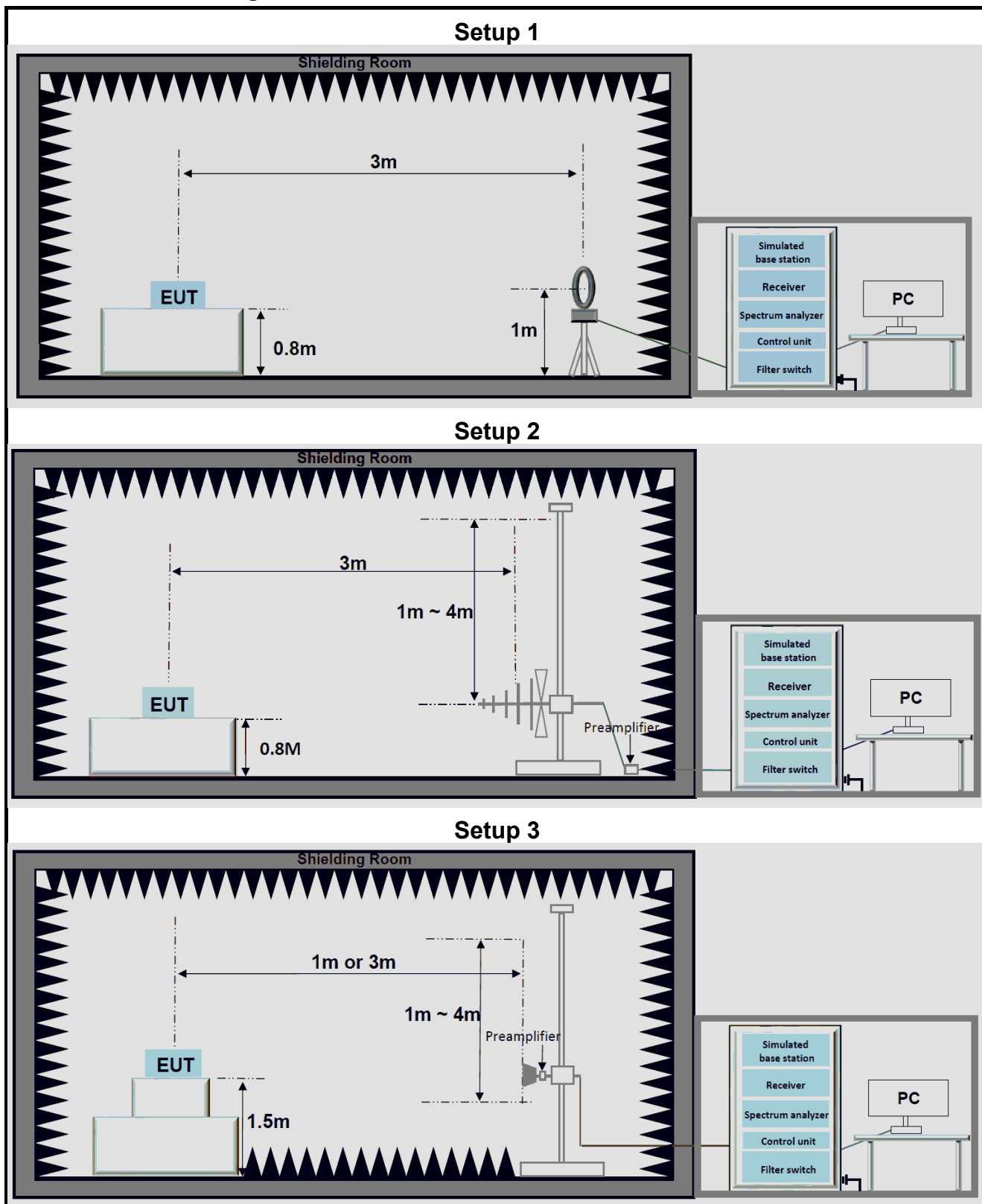
No modifications were made during testing.

## 2.7 Test Setup Diagram

### 2.7.1 Conducted Configuration



## 2.7.2 Radiated Configuration



### 3 Equipment and Measurement Uncertainty

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, whichever is less, and where applicable is traceable recognized national standards.

#### 3.1 Test Equipment List

| RF04                         |              |                |             |            |            |
|------------------------------|--------------|----------------|-------------|------------|------------|
| Description                  | Manufacturer | Model          | S.N.        | Last Due   | Cal Due    |
| Radio Communication Analyzer | Anritsu      | MT8821C        | 6262170436  | 2024/03/25 | 2025/03/24 |
| Signal Analyzer              | Keysight     | N9020A         | US46220152  | 2024/03/25 | 2025/03/24 |
| Signal Generator             | Keysight     | N5182A         | MY49060761  | 2024/03/25 | 2025/03/24 |
| Signal Generator             | R&S          | SMR20          | 101691      | 2024/03/25 | 2025/03/24 |
| Hygrometer                   | BingYu       | HTC-1          | N/A         | 2023/06/01 | 2025/05/31 |
| Band Reject Filter Group     | Tonscend     | JS0806-F       | 23B806F0662 | N/A        | N/A        |
| RF Control Unit              | Tonscend     | JS0806-1       | 22L8060650  | N/A        | N/A        |
| Measurement Software         | Tonscend     | TS1120 V3.1.46 | 10636       | N/A        | N/A        |

| Radiated Emission                     |              |             |                |            |            |
|---------------------------------------|--------------|-------------|----------------|------------|------------|
| Description                           | Manufacturer | Model       | S.N.           | Last Due   | Cal Due    |
| Biconic Logarithmic Periodic Antennas | Schwarzbeck  | VULB9163    | 1643           | 2023/06/25 | 2025/06/24 |
| Double-Ridged Horn Antennas           | Schwarzbeck  | BBHA 9120D  | 2809           | 2023/06/25 | 2025/06/24 |
| Broad-Band Horn Antenna               | Schwarzbeck  | BBHA 9170   | 1290           | 2023/06/25 | 2025/06/24 |
| Loop Antenna                          | Schwarzbeck  | FMZB 1519C  | 1519C-028      | 2023/06/29 | 2025/06/28 |
| Signal Analyzer                       | Keysight     | N9020A      | MY49100252     | 2024/03/25 | 2025/03/24 |
| EXA Signal Analyzer, Multi-touch      | Keysight     | N9010B      | MY63440541     | 2023/06/27 | 2024/06/26 |
|                                       |              |             |                | 2024/05/30 | 2025/05/29 |
| Wideband Radio Communication Tester   | R&S          | CMW500      | 150645         | 2024/03/25 | 2025/03/24 |
| Low Noise Amplifier                   | Tonscend     | TAP9K3G40   | AP23A8060273   | 2023/04/08 | 2025/04/07 |
| Low Noise Amplifier                   | Tonscend     | TAP01018050 | AP22G806258    | 2023/04/08 | 2025/04/07 |
| Low Noise Amplifier                   | Tonscend     | TAP18040048 | AP22G806247    | 2023/04/08 | 2025/04/07 |
| Hygrometer                            | BINGYU       | HTC-1       | N/A            | 2023/06/01 | 2025/05/31 |
| Band Reject Filter Group              | Townshend    | JS0806-F    | 23A806F0652    | N/A        | N/A        |
| Test Software                         | Tonscend     | TS+         | Version: 5.0.0 | N/A        | N/A        |

### 3.2 Measurement Uncertainty

| Parameter                         | U <sub>lab</sub> |
|-----------------------------------|------------------|
| Output power                      | 0.74dB           |
| Radiated Emissions(9kHz~30MHz)    | 2.40dB           |
| Radiated Emissions(30MHz~1000MHz) | 4.66dB           |
| Radiated Emissions(1GHz~18GHHz)   | 5.42dB           |
| Radiated Emissions(18GHz~40GHHz)  | 5.46dB           |

Uncertainty figures are valid to a confidence level of 95%

## 4 Test Results

### 4.1 Output Power (ERP / EIRP / Conducted Power)

#### Limits

| FCC Part      | Test Band                                | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| §22.913(a)(5) | WCDMA Band V/LTE Band 5/26(824 ~ 849MHz) | The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7watts.                                                                                                                                                                                                                                                                                                                                                                                          |
| §24.232(c)    | WCDMA Band II/LTE Band 2/25              | Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.                                                                                                                                                                                                                                                                                                       |
| §27.50(h)(2)  | LTE Band 7/38/41/CA_41C                  | Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power                                                                                                                                                                                                                                                                                                                              |
| §27.50(d)(4)  | WCDMA Band IV/LTE Band 4/66              | Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780MHz bands are limited to 1watt EIRP. Fixed stations operating in the 1710-1755MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications. |
| §27.50(c)(10) | LTE Band 12                              | Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3watts ERP.                                                                                                                                                                                                                                                                                                  |
| §27.50(b)(10) | LTE Band 13                              | Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788MHz, and 805-806 MHz bands are limited to 3 watts ERP.                                                                                                                                                                                                                                                                                                                                            |
| §90.542(a)    | LTE Band 14                              | Portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP.                                                                                                                                                                                                                                                                                                                                                 |
| §90.635(b)    | LTE Band 26(814~824MHz)                  | The maximum output power of the transmitter for mobile stations is 100 watts (20dBw).                                                                                                                                                                                                                                                                                                                                                                                           |

#### Test Procedure

KDB 971168 D01 V03r01 Section 5.2.1, for Conducted Output Power

KDB 971168 D01 V03r01 Section 5.2, for Effective (Isotropic) Radiated Power

#### Test Settings

##### Conducted Output Power:

The transmitter output was connected to a calibrated attenuator, the other end of which was connected to the simulated base station. The simulated station was set to force the EUT to its maximum power setting, Transmitter output power was read off in dBm, read values have added cable loss and attenuation.

##### Radiated Power:

The formula for calculating ERP/EIRP based on conduction power is as follows:

$EIRP (dBm) = \text{Conducted Power (dBm)} + \text{antenna gain (dBi)}$

$ERP = EIRP - 2.15dB$

### **Test Setup**

Refer to section 2.7.1 Setup 1

### **Measuring Instruments**

The measuring equipment is listed in the section 3.1 of this test report.

### **Test Results**

The detailed test data see: **Appendix**.

## 4.2 Maximum EIRP and Maximum PSD

### Limits

| FCC Part                     | Test Band                       | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |                                 |                       |                 |    |     |                 |    |    |                              |    |    |
|------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------|-----------------------|-----------------|----|-----|-----------------|----|----|------------------------------|----|----|
| §27.50(a)(3)                 | LTE Band 30                     | For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth. |        |                                 |                       |                 |    |     |                 |    |    |                              |    |    |
| §96.41                       | LTE Band 48                     | <table> <tr> <th>Device</th><th>Maximum EIRP (dBm/10 megahertz)</th><th>Maximum PSD (dBm/MHz)</th></tr> <tr> <td>End User Device</td><td>23</td><td>n/a</td></tr> <tr> <td>Category A CBSD</td><td>30</td><td>20</td></tr> <tr> <td>Category B CBSD<sup>1</sup></td><td>47</td><td>37</td></tr> </table>                                                                                                                                                                                                                                                                      | Device | Maximum EIRP (dBm/10 megahertz) | Maximum PSD (dBm/MHz) | End User Device | 23 | n/a | Category A CBSD | 30 | 20 | Category B CBSD <sup>1</sup> | 47 | 37 |
| Device                       | Maximum EIRP (dBm/10 megahertz) | Maximum PSD (dBm/MHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |                                 |                       |                 |    |     |                 |    |    |                              |    |    |
| End User Device              | 23                              | n/a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                                 |                       |                 |    |     |                 |    |    |                              |    |    |
| Category A CBSD              | 30                              | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                                 |                       |                 |    |     |                 |    |    |                              |    |    |
| Category B CBSD <sup>1</sup> | 47                              | 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                                 |                       |                 |    |     |                 |    |    |                              |    |    |

### Test Procedure

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### Test Settings

- Set span to  $2 \times$  to  $3 \times$  the OBW.
- Set RBW = 1% to 5% of the OBW.
- Set VBW  $\geq 3 \times$  RBW.
- Set number of measurement points in sweep  $\geq 2 \times$  span / RBW.
- Sweep time:
  - Set = auto-couple, or
  - Set  $\geq [10 \times (\text{number of points in sweep}) \times (\text{transmission symbol period})]$  for single sweep (automation-compatible) measurement.
- Detector = power averaging (rms).
- Set sweep trigger to "free run."
- Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over the on and off time of the transmitter, it can be necessary to increase the number of traces to be averaged above 100, or if using a manually configured sweep time, increase the sweep time.
- Compute power by integrating the spectrum across the OBW of the signal using the instrument's band or channel power measurement function with band/channel limits set equal to the OBW band edges. If the instrument does not have a band or channel power function, sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.
- Add  $10 \log (1/\text{duty cycle})$  to the measured power level to compute the average power during continuous transmission. For example, add  $[10 \log (1/0.25)] = 6 \text{ dB}$  if the duty cycle is a constant 25%.

### Test notes

- When average PSD limits are specified, the same fundamental measurement condition applies as previously discussed (i.e., averaging is to be performed only over durations of active transmissions at maximum output power level). Thus, when performing this measurement, the EUT must either be configured to transmit continuously at full power while the compliance measurement is performed, or else the measurement instrumentation must be configured to acquire data only over durations when the EUT is actively transmitting at full power. In circumstances where neither of these conditions can be realized, then alternative procedures are provided for both constant duty cycle and non-constant duty cycle transmissions.
- The PSD is measured following the same procedures described in 5.2.4.4 for measuring the total average power, but with the RBW set to the reference bandwidth specified by the applicable regulatory requirement,

and by using the marker function to identify the maximum PSD instead of summing the power across the OBW. If the fundamental measurement condition cannot be realized, then one of the alternative procedures in 5.2.4.4.2 or 5.2.4.4.3 should be selected.

### **Test Setup**

Refer to section 2.7.1 Setup 2

### **Measuring Instruments**

The measuring equipment is listed in the section 3.1 of this test report.

### **Test Result**

The detailed test data see: **Appendix**.

## 4.3 Field Strength of Spurious Radiation

### Limits

| FCC part                                                      | Test Band                                                                                                             | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| §2.1053<br>§22.917(a)<br>§24.238(a)<br>§27.53(g)<br>§27.53(h) | WCDMA Band V/LTE Band 5/26(824 ~ 849MHz)<br>WCDMA Band II/LTE Band 2/25<br>LTE Band 12<br>WCDMA Band IV/LTE Band 4/66 | The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| §27.53(c)(f)                                                  | LTE Band 13                                                                                                           | <p>On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least <math>43 + 10 \log(P)</math> dB;</p> <p>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 <math>-70</math> dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and <math>-80</math> 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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| §90.543(e)(f)                                                 | LTE Band 14                                                                                                           | <p>least <math>43 + 10 \log(P)</math> dB.</p> <p>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 <math>-70</math> dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| §27.53(m)                                                     | LTE Band 7/38/41/CA_41C                                                                                               | All frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| §90.691                                                       | LTE Band 26(814~824MHz)                                                                                               | The power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log(P)$ decibels or 80 decibels, whichever is the lesser attenuation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| §27.53(a )                                                    | LTE Band 30                                                                                                           | <p>By a factor of not less than: <math>43 + 10 \log(P)</math> 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 <math>55 + 10 \log(P)</math> dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than <math>61 + 10 \log(P)</math> dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than <math>67 + 10 \log(P)</math> dB on all frequencies between 2328 and 2337 MHz;</p> <p>By a factor of not less than <math>43 + 10 \log(P)</math> dB on all frequencies between 2300 and 2305 MHz, <math>55 + 10 \log(P)</math> dB on all frequencies between 2296 and 2300 MHz, <math>61 + 10 \log(P)</math> dB on all frequencies between 2292 and 2296 MHz, <math>67 + 10 \log(P)</math> dB on all frequencies between 2288 and 2292 MHz, and <math>70 + 10 \log(P)</math> dB below 2288 MHz;</p> <p>By a factor of not less than <math>43 + 10 \log(P)</math> dB on all frequencies between 2360 and 2365 MHz, and not less than <math>70 + 10 \log(P)</math> dB above 2365 MHz.</p> |

|        |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| §96.41 | LTE Band 48 | <p>for channel and frequency assignments made by the SAS to CBSDs, the conducted power of any emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed -13 dBm/MHz within 0-10 megahertz above the upper SAS-assigned channel edge and within 0-10 megahertz below the lower SAS-assigned channel edge. At all frequencies greater than 10 megahertz above the upper SAS assigned channel edge and less than 10 MHz below the lower SAS assigned channel edge, the conducted power of any emission shall not exceed -25 dBm/MHz.</p> <p>(2) Additional protection levels. Notwithstanding paragraph (d)(1) of this section, the conducted power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.</p> |
|--------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Test Procedure

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### Test Settings

- For radiated emissions measurements performed at frequencies less than or equal to 1GHz, the EUT shall be placed on a RF-transparent table or support at a nominal height of 80cm above the reference ground plane.
- For radiated emissions measurements performed at frequencies above 1GHz, the EUT shall be placed on a RF-transparent table or support at a nominal height of 150cm above the ground plane.
- Radiated measurements shall be made with the measurement antenna positioned in both horizontal and vertical polarization. The measurement antenna shall be varied from 1m to 4m in height above the reference ground in a search for the relative positioning that produces the maximum radiated signal level (i.e, field strength or received power), when orienting the measurement antenna in vertical polarization, the minimum height of the lowest element of the antenna shall clear the site reference ground plane by at least 25cm.
- For each suspected emission, the EUT was ranged its worst case and then tune the antenna tower(from 1~4m) and turntable(from 0~360°) find the maximum reading. Preamplifier and a high pass filter are used for the test in order get better signal level comply with the guidelines.
- The simulated base station was set to force the EUT to its maximum transmitting power.
- spectrum analyzer setting:  
 Measurements 9kHz ~150kHz: RBW = 300Hz; VBW ≥ 3kHz; Detector = RMS  
 Measurements 150kHz ~30MHz: RBW = 10kHz; VBW ≥ 30kHz; Detector = RMS  
 Measurements 30MHz~1000MHz: RBW = 100kHz or 1MHz; VBW ≥ 1MHz or 3MHz; Detector = RMS  
 Measurements Above 1000MHz: RBW = 1 MHz; VBW ≥ 3 MHz; Detector = RMS
- The field strength is calculated by adding the Antenna Factor, Cable Factor. The basic equation with a sample calculation is as follows:  

$$E(\text{dB}\mu\text{V/m}) = \text{Measured amplitude level (dB}\mu\text{V)} + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}.$$

$$E(\text{dB}\mu\text{V/m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}.$$

$$E(\text{dB}\mu\text{V/m}) = \text{EIRP(dBm)} - 20\log(D) + 104.8; \text{ where } D \text{ is the measurement distance(in the far field region) in m.}$$

$$\text{EIRP(dBm)} = E(\text{dB}\mu\text{V/m}) + 20\log(D) - 104.8; \text{ where } D \text{ is the measurement distance(in the far field region) in m.}$$

*So, from d: The measuring distance is usually at 3m, then  $20 \cdot \log(3) = 9.5424$*   
*Then,  $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V/m}) + 9.5424 - 104.8 = E(\text{dB}\mu\text{V/m}) - 95.2576$*
- Repeat above procedures until all frequencies measured was complete.
- Measure and record the results in the test report.

### Test notes

- This device employs UMTS technology with WCDMA(AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest power is reported in WCDMA mode with HSDPA Inactive at 12.2kbps RMC and TPC bits all set to "1".

4. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst-case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
5. Emissions below 18GHz were measured at a 3-meter test distance while emissions above 18GHz were measured at a 1-meter test distance with the application of a distance correction factor.
6. Radiated spurious emissions were investigated from 9kHz to 30MHz, 30MHz-1GHz and above 1GHz. the disturbance between 9kHz to 30MHz, 30MHz-1GHz and 18GHz to 40GHz was very low. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be recorded, so only the harmonics had been displayed.
7. The "-" shown in the following RSE tables are used to denote a noise floor measurement.

### **Test Setup**

Refer to section 2.7.2 for details.

### **Measuring Instruments**

The measuring equipment is listed in the section 3.1 of this test report.

### **Test Result**

The detailed test data see: **Appendix.**

## 5 Test Setup Photos

The detailed test data see: **Appendix A - WWAN Setup Photos**

# Appendix

## Effective (Isotropic) Radiated Power Output Data

### Test Result for WCDMA

Ant1:

| WCDMA Band II |              |                    |                   |                    |                   |                    |                   |                     |
|---------------|--------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|---------------------|
| Channel       |              | Power(dBm)<br>9262 | EIRP(dBm)<br>9262 | Power(dBm)<br>9400 | EIRP(dBm)<br>9400 | Power(dBm)<br>9538 | EIRP(dBm)<br>9538 | EIRP Limit<br>(dBm) |
| WCDMA         | 12.2kbps RMC | 23.25              | 26.05             | 23.26              | 26.06             | 23.10              | 25.90             | 33.00               |
|               | 12.2kbps AMR | 23.22              | 26.02             | 23.23              | 26.03             | 23.08              | 25.88             | 33.00               |
| HSDPA         | Subtest 1    | 22.22              | 25.02             | 22.16              | 24.96             | 22.12              | 24.92             | 33.00               |
|               | Subtest 2    | 22.19              | 24.99             | 22.13              | 24.93             | 22.10              | 24.90             | 33.00               |
|               | Subtest 3    | 21.86              | 24.66             | 21.82              | 24.62             | 21.79              | 24.59             | 33.00               |
|               | Subtest 4    | 21.80              | 24.60             | 21.79              | 24.59             | 21.80              | 24.60             | 33.00               |
| HSUPA         | Subtest 1    | 22.08              | 24.88             | 22.01              | 24.81             | 22.00              | 24.80             | 33.00               |
|               | Subtest 2    | 20.12              | 22.92             | 20.10              | 22.90             | 20.04              | 22.84             | 33.00               |
|               | Subtest 3    | 21.14              | 23.94             | 21.12              | 23.92             | 21.10              | 23.90             | 33.00               |
|               | Subtest 4    | 20.19              | 22.99             | 20.15              | 22.95             | 20.12              | 22.92             | 33.00               |
|               | Subtest 5    | 22.03              | 24.83             | 22.01              | 24.81             | 21.97              | 24.77             | 33.00               |
| DC-HSDPA      | Subtest 1    | 22.12              | 24.92             | 22.06              | 24.86             | 22.12              | 24.92             | 33.00               |
|               | Subtest 2    | 22.10              | 24.90             | 22.03              | 24.83             | 22.00              | 24.80             | 33.00               |
|               | Subtest 3    | 21.16              | 23.96             | 21.10              | 23.90             | 21.03              | 23.83             | 33.00               |
|               | Subtest 4    | 21.11              | 23.91             | 21.02              | 23.82             | 20.95              | 23.75             | 33.00               |
| HSPA+         | 16QAM        | 21.00              | 23.80             | 20.98              | 23.78             | 20.99              | 23.79             | 33.00               |

Ant1:

| WCDMA Band IV |              |                    |                   |                    |                   |                    |                   |                     |
|---------------|--------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|---------------------|
| Channel       |              | Power(dBm)<br>1312 | EIRP(dBm)<br>1312 | Power(dBm)<br>1412 | EIRP(dBm)<br>1412 | Power(dBm)<br>1513 | EIRP(dBm)<br>1513 | EIRP Limit<br>(dBm) |
| WCDMA         | 12.2kbps RMC | 23.46              | 25.91             | 23.47              | 25.92             | 23.41              | 25.86             | 30.00               |
|               | 12.2kbps AMR | 23.37              | 25.82             | 23.44              | 25.89             | 23.35              | 25.8              | 30.00               |
| HSDPA         | Subtest 1    | 22.41              | 24.86             | 22.45              | 24.9              | 22.40              | 24.85             | 30.00               |
|               | Subtest 2    | 22.38              | 24.83             | 22.41              | 24.86             | 22.39              | 24.84             | 30.00               |
|               | Subtest 3    | 21.90              | 24.35             | 21.95              | 24.4              | 21.92              | 24.37             | 30.00               |
|               | Subtest 4    | 21.88              | 24.33             | 21.93              | 24.38             | 21.89              | 24.34             | 30.00               |
| HSUPA         | Subtest 1    | 22.00              | 24.45             | 22.08              | 24.53             | 21.97              | 24.42             | 30.00               |
|               | Subtest 2    | 19.97              | 22.42             | 20.05              | 22.5              | 19.95              | 22.4              | 30.00               |
|               | Subtest 3    | 20.95              | 23.4              | 21.01              | 23.46             | 20.92              | 23.37             | 30.00               |
|               | Subtest 4    | 20.01              | 22.46             | 20.02              | 22.47             | 19.90              | 22.35             | 30.00               |
|               | Subtest 5    | 22.05              | 24.5              | 22.10              | 24.55             | 22.02              | 24.47             | 30.00               |
| DC-HSDPA      | Subtest 1    | 22.00              | 24.45             | 22.05              | 24.5              | 22.03              | 24.48             | 30.00               |
|               | Subtest 2    | 21.89              | 24.34             | 21.96              | 24.41             | 21.93              | 24.38             | 30.00               |
|               | Subtest 3    | 20.88              | 23.33             | 21.02              | 23.47             | 21.00              | 23.45             | 30.00               |
|               | Subtest 4    | 20.92              | 23.37             | 21.00              | 23.45             | 20.96              | 23.41             | 30.00               |
| HSPA+         | 16QAM        | 20.85              | 23.3              | 20.89              | 23.34             | 20.86              | 23.31             | 30.00               |

Ant1:

| WCDMA Band V |              |                    |                  |                    |                  |                    |                  |                     |
|--------------|--------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|---------------------|
| Channel      |              | Power(dBm)<br>4132 | ERP(dBm)<br>4132 | Power(dBm)<br>4182 | ERP(dBm)<br>4182 | Power(dBm)<br>4233 | ERP(dBm)<br>4233 | EIRP Limit<br>(dBm) |
| WCDMA        | 12.2kbps RMC | 23.33              | 16.52            | 23.34              | 16.53            | 23.23              | 16.42            | 38.45               |
|              | 12.2kbps AMR | 23.21              | 16.4             | 23.28              | 16.47            | 23.18              | 16.37            | 38.45               |
| HSDPA        | Subtest 1    | 22.26              | 15.45            | 22.30              | 15.49            | 22.25              | 15.44            | 38.45               |
|              | Subtest 2    | 22.14              | 15.33            | 22.18              | 15.37            | 22.13              | 15.32            | 38.45               |
|              | Subtest 3    | 21.75              | 14.94            | 21.81              | 15               | 21.79              | 14.98            | 38.45               |
|              | Subtest 4    | 21.75              | 14.94            | 21.79              | 14.98            | 21.77              | 14.96            | 38.45               |
| HSUPA        | Subtest 1    | 22.29              | 15.48            | 22.34              | 15.53            | 22.31              | 15.5             | 38.45               |
|              | Subtest 2    | 20.25              | 13.44            | 20.24              | 13.43            | 20.18              | 13.37            | 38.45               |
|              | Subtest 3    | 21.25              | 14.44            | 21.35              | 14.54            | 21.27              | 14.46            | 38.45               |
|              | Subtest 4    | 20.23              | 13.42            | 20.33              | 13.52            | 20.21              | 13.4             | 38.45               |
|              | Subtest 5    | 22.09              | 15.28            | 22.15              | 15.34            | 22.09              | 15.28            | 38.45               |
| DC-HSDPA     | Subtest 1    | 22.21              | 15.4             | 22.23              | 15.42            | 22.12              | 15.31            | 38.45               |
|              | Subtest 2    | 22.13              | 15.32            | 22.11              | 15.3             | 22.11              | 15.3             | 38.45               |
|              | Subtest 3    | 21.23              | 14.42            | 21.28              | 14.47            | 21.22              | 14.41            | 38.45               |
|              | Subtest 4    | 21.23              | 14.42            | 21.26              | 14.45            | 21.16              | 14.35            | 38.45               |
| HSPA+        | 16QAM        | 21.16              | 14.35            | 21.19              | 14.38            | 21.14              | 14.33            | 38.45               |

## Test Result for LTE Band 2

Ant1:

| LTE Band 2 |            |         |           |                  |                 |                  |                 |                  |                 |                  |
|------------|------------|---------|-----------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| Bandwidth  | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|            |            |         |           | Power(dBm) 18607 | EIRP(dBm) 18607 | Power(dBm) 18900 | EIRP(dBm) 18900 | Power(dBm) 19193 | EIRP(dBm) 19193 |                  |
| 1.4MHz     | QPSK       | 1       | 0         | 23.18            | 25.98           | 23.33            | 26.13           | 23.33            | 26.13           | 33.00            |
|            |            | 1       | 2         | 23.23            | 26.03           | 23.19            | 25.99           | 23.15            | 25.95           | 33.00            |
|            |            | 1       | 5         | 23.15            | 25.95           | 23.07            | 25.87           | 23.20            | 26.00           | 33.00            |
|            |            | 3       | 0         | 23.32            | 26.12           | 23.32            | 26.12           | 23.20            | 26.00           | 33.00            |
|            |            | 3       | 2         | 23.15            | 25.95           | 23.22            | 26.02           | 23.19            | 25.99           | 33.00            |
|            |            | 3       | 3         | 23.28            | 26.08           | 23.10            | 25.90           | 23.16            | 25.96           | 33.00            |
|            |            | 6       | 0         | 22.02            | 24.82           | 22.13            | 24.93           | 22.19            | 24.99           | 33.00            |
|            | 16QAM      | 1       | 0         | 22.52            | 25.32           | 22.44            | 25.24           | 22.51            | 25.31           | 33.00            |
|            |            | 1       | 2         | 22.43            | 25.23           | 22.51            | 25.31           | 22.48            | 25.28           | 33.00            |
|            |            | 1       | 5         | 22.49            | 25.29           | 22.51            | 25.31           | 22.42            | 25.22           | 33.00            |
|            |            | 3       | 0         | 22.54            | 25.34           | 22.45            | 25.25           | 22.49            | 25.29           | 33.00            |
|            |            | 3       | 2         | 22.42            | 25.22           | 22.40            | 25.20           | 22.42            | 25.22           | 33.00            |
|            |            | 3       | 3         | 22.43            | 25.23           | 22.59            | 25.39           | 22.43            | 25.23           | 33.00            |
|            |            | 6       | 0         | 21.06            | 23.86           | 21.14            | 23.94           | 21.08            | 23.88           | 33.00            |
|            | 64QAM      | 1       | 0         | 21.53            | 24.33           | 21.54            | 24.34           | 21.49            | 24.29           | 33.00            |
|            |            | 1       | 2         | 21.47            | 24.27           | 21.05            | 23.85           | 21.40            | 24.20           | 33.00            |
|            |            | 1       | 5         | 21.57            | 24.37           | 20.54            | 23.34           | 21.37            | 24.17           | 33.00            |
|            |            | 3       | 0         | 21.38            | 24.18           | 21.56            | 24.36           | 21.63            | 24.43           | 33.00            |
|            |            | 3       | 2         | 21.46            | 24.26           | 21.11            | 23.91           | 21.50            | 24.30           | 33.00            |
|            |            | 3       | 3         | 21.58            | 24.38           | 20.48            | 23.28           | 21.36            | 24.16           | 33.00            |
|            |            | 6       | 0         | 20.06            | 22.86           | 19.93            | 22.73           | 20.18            | 22.98           | 33.00            |
| Bandwidth  | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|            |            |         |           | Power(dBm) 18615 | EIRP(dBm) 18615 | Power(dBm) 18900 | EIRP(dBm) 18900 | Power(dBm) 19185 | EIRP(dBm) 19185 |                  |
| 3MHz       | QPSK       | 1       | 0         | 23.31            | 26.11           | 23.40            | 26.20           | 23.31            | 26.11           | 33.00            |
|            |            | 1       | 7         | 23.09            | 25.89           | 23.18            | 25.98           | 23.29            | 26.09           | 33.00            |
|            |            | 1       | 14        | 23.22            | 26.02           | 23.00            | 25.80           | 23.17            | 25.97           | 33.00            |
|            |            | 8       | 0         | 22.04            | 24.84           | 22.16            | 24.96           | 22.17            | 24.97           | 33.00            |
|            |            | 8       | 4         | 22.24            | 25.04           | 22.30            | 25.10           | 22.33            | 25.13           | 33.00            |
|            |            | 8       | 7         | 21.93            | 24.73           | 22.14            | 24.94           | 22.13            | 24.93           | 33.00            |
|            |            | 15      | 0         | 22.06            | 24.86           | 22.19            | 24.99           | 22.04            | 24.84           | 33.00            |
|            | 16QAM      | 1       | 0         | 22.49            | 25.29           | 22.45            | 25.25           | 22.45            | 25.25           | 33.00            |
|            |            | 1       | 7         | 22.39            | 25.19           | 22.49            | 25.29           | 22.38            | 25.18           | 33.00            |
|            |            | 1       | 14        | 22.39            | 25.19           | 22.55            | 25.35           | 22.45            | 25.25           | 33.00            |
|            |            | 8       | 0         | 21.07            | 23.87           | 21.23            | 24.03           | 21.21            | 24.01           | 33.00            |
|            |            | 8       | 4         | 21.26            | 24.06           | 21.32            | 24.12           | 21.32            | 24.12           | 33.00            |
|            |            | 8       | 7         | 20.99            | 23.79           | 21.06            | 23.86           | 21.06            | 23.86           | 33.00            |
|            |            | 15      | 0         | 21.09            | 23.89           | 21.18            | 23.98           | 21.06            | 23.86           | 33.00            |
|            | 64QAM      | 1       | 0         | 21.40            | 24.20           | 21.50            | 24.30           | 21.65            | 24.45           | 33.00            |
|            |            | 1       | 7         | 21.36            | 24.16           | 21.01            | 23.81           | 21.43            | 24.23           | 33.00            |
|            |            | 1       | 14        | 21.46            | 24.26           | 20.49            | 23.29           | 21.36            | 24.16           | 33.00            |
|            |            | 8       | 0         | 20.19            | 22.99           | 20.30            | 23.10           | 20.25            | 23.05           | 33.00            |
|            |            | 8       | 4         | 20.38            | 23.18           | 20.11            | 22.91           | 20.29            | 23.09           | 33.00            |
|            |            | 8       | 7         | 19.95            | 22.75           | 19.74            | 22.54           | 20.07            | 22.87           | 33.00            |
|            |            | 15      | 0         | 19.94            | 22.74           | 20.02            | 22.82           | 20.13            | 22.93           | 33.00            |

| Bandwidth | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|-----------|------------|---------|-----------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
|           |            |         |           | Power(dBm) 18625 | EIRP(dBm) 18625 | Power(dBm) 18900 | EIRP(dBm) 18900 | Power(dBm) 19175 | EIRP(dBm) 19175 |                  |
| 5MHz      | QPSK       | 1       | 0         | 23.27            | 26.07           | 23.30            | 26.10           | 23.29            | 26.09           | 33.00            |
|           |            | 1       | 13        | 23.17            | 25.97           | 23.16            | 25.96           | 23.26            | 26.06           | 33.00            |
|           |            | 1       | 24        | 23.20            | 26.00           | 22.96            | 25.76           | 23.19            | 25.99           | 33.00            |
|           |            | 12      | 0         | 22.14            | 24.94           | 22.12            | 24.92           | 22.10            | 24.90           | 33.00            |
|           |            | 12      | 6         | 22.21            | 25.01           | 22.28            | 25.08           | 22.27            | 25.07           | 33.00            |
|           |            | 12      | 13        | 22.03            | 24.83           | 22.04            | 24.84           | 22.08            | 24.88           | 33.00            |
|           |            | 25      | 0         | 21.98            | 24.78           | 22.19            | 24.99           | 22.10            | 24.90           | 33.00            |
|           | 16QAM      | 1       | 0         | 22.48            | 25.28           | 22.32            | 25.12           | 22.51            | 25.31           | 33.00            |
|           |            | 1       | 13        | 22.43            | 25.23           | 22.42            | 25.22           | 22.46            | 25.26           | 33.00            |
|           |            | 1       | 24        | 22.42            | 25.22           | 22.52            | 25.32           | 22.56            | 25.36           | 33.00            |
|           |            | 12      | 0         | 21.13            | 23.93           | 21.18            | 23.98           | 21.29            | 24.09           | 33.00            |
|           |            | 12      | 6         | 21.23            | 24.03           | 21.28            | 24.08           | 21.35            | 24.15           | 33.00            |
|           |            | 12      | 13        | 21.00            | 23.80           | 21.10            | 23.90           | 21.08            | 23.88           | 33.00            |
|           |            | 25      | 0         | 21.11            | 23.91           | 21.22            | 24.02           | 21.10            | 23.90           | 33.00            |
|           | 64QAM      | 1       | 0         | 21.45            | 24.25           | 21.56            | 24.36           | 21.51            | 24.31           | 33.00            |
|           |            | 1       | 13        | 21.46            | 24.26           | 21.12            | 23.92           | 21.55            | 24.35           | 33.00            |
|           |            | 1       | 24        | 21.49            | 24.29           | 20.55            | 23.35           | 21.29            | 24.09           | 33.00            |
|           |            | 12      | 0         | 20.27            | 23.07           | 20.36            | 23.16           | 20.31            | 23.11           | 33.00            |
|           |            | 12      | 6         | 20.32            | 23.12           | 20.08            | 22.88           | 20.37            | 23.17           | 33.00            |
|           |            | 12      | 13        | 19.98            | 22.78           | 19.63            | 22.43           | 20.07            | 22.87           | 33.00            |
|           |            | 25      | 0         | 19.98            | 22.78           | 19.91            | 22.71           | 20.09            | 22.89           | 33.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm) 18650 | EIRP(dBm) 18650 | Power(dBm) 18900 | EIRP(dBm) 18900 | Power(dBm) 19150 | EIRP(dBm) 19150 |                  |
| 10MHz     | QPSK       | 1       | 0         | 23.31            | 26.11           | 23.37            | 26.17           | 23.19            | 25.99           | 33.00            |
|           |            | 1       | 25        | 23.13            | 25.93           | 23.15            | 25.95           | 23.28            | 26.08           | 33.00            |
|           |            | 1       | 49        | 23.29            | 26.09           | 23.11            | 25.91           | 23.21            | 26.01           | 33.00            |
|           |            | 25      | 0         | 22.03            | 24.83           | 22.20            | 25.00           | 22.09            | 24.89           | 33.00            |
|           |            | 25      | 13        | 22.26            | 25.06           | 22.36            | 25.16           | 22.22            | 25.02           | 33.00            |
|           |            | 25      | 25        | 21.95            | 24.75           | 22.08            | 24.88           | 22.14            | 24.94           | 33.00            |
|           |            | 50      | 0         | 22.14            | 24.94           | 22.12            | 24.92           | 22.14            | 24.94           | 33.00            |
|           | 16QAM      | 1       | 0         | 22.57            | 25.37           | 22.41            | 25.21           | 22.51            | 25.31           | 33.00            |
|           |            | 1       | 25        | 22.37            | 25.17           | 22.54            | 25.34           | 22.38            | 25.18           | 33.00            |
|           |            | 1       | 49        | 22.36            | 25.16           | 22.53            | 25.33           | 22.46            | 25.26           | 33.00            |
|           |            | 25      | 0         | 21.11            | 23.91           | 21.19            | 23.99           | 21.30            | 24.10           | 33.00            |
|           |            | 25      | 13        | 21.16            | 23.96           | 21.34            | 24.14           | 21.30            | 24.10           | 33.00            |
|           |            | 25      | 25        | 20.97            | 23.77           | 21.05            | 23.85           | 21.03            | 23.83           | 33.00            |
|           |            | 50      | 0         | 21.03            | 23.83           | 21.18            | 23.98           | 21.17            | 23.97           | 33.00            |
|           | 64QAM      | 1       | 0         | 21.52            | 24.32           | 21.46            | 24.26           | 21.62            | 24.42           | 33.00            |
|           |            | 1       | 25        | 21.44            | 24.24           | 21.05            | 23.85           | 21.56            | 24.36           | 33.00            |
|           |            | 1       | 49        | 21.43            | 24.23           | 20.57            | 23.37           | 21.34            | 24.14           | 33.00            |
|           |            | 25      | 0         | 20.28            | 23.08           | 20.27            | 23.07           | 20.19            | 22.99           | 33.00            |
|           |            | 25      | 13        | 20.25            | 23.05           | 20.05            | 22.85           | 20.28            | 23.08           | 33.00            |
|           |            | 25      | 25        | 19.98            | 22.78           | 19.65            | 22.45           | 20.08            | 22.88           | 33.00            |
|           |            | 50      | 0         | 20.05            | 22.85           | 20.03            | 22.83           | 20.07            | 22.87           | 33.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm) 18675 | EIRP(dBm) 18675 | Power(dBm) 18900 | EIRP(dBm) 18900 | Power(dBm) 19125 | EIRP(dBm) 19125 |                  |
| 15MHz     | QPSK       | 1       | 0         | 23.34            | 26.14           | 23.37            | 26.17           | 23.21            | 26.01           | 33.00            |

|           |            | 1       | 38        | 23.21            | 26.01           | 23.18            | 25.98           | 23.19            | 25.99           | 33.00            |
|-----------|------------|---------|-----------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
|           |            | 1       | 74        | 23.19            | 25.99           | 23.09            | 25.89           | 23.23            | 26.03           | 33.00            |
|           |            | 36      | 0         | 22.07            | 24.87           | 22.25            | 25.05           | 22.17            | 24.97           | 33.00            |
|           |            | 36      | 18        | 22.12            | 24.92           | 22.24            | 25.04           | 22.27            | 25.07           | 33.00            |
|           |            | 36      | 39        | 22.04            | 24.84           | 22.08            | 24.88           | 22.09            | 24.89           | 33.00            |
|           |            | 75      | 0         | 22.08            | 24.88           | 22.19            | 24.99           | 22.12            | 24.92           | 33.00            |
|           |            | 75      | 0         | 22.08            | 24.88           | 22.19            | 24.99           | 22.12            | 24.92           | 33.00            |
|           | 16QAM      | 1       | 0         | 22.55            | 25.35           | 22.32            | 25.12           | 22.58            | 25.38           | 33.00            |
|           |            | 1       | 38        | 22.38            | 25.18           | 22.55            | 25.35           | 22.46            | 25.26           | 33.00            |
|           |            | 1       | 74        | 22.38            | 25.18           | 22.44            | 25.24           | 22.54            | 25.34           | 33.00            |
|           |            | 36      | 0         | 21.07            | 23.87           | 21.12            | 23.92           | 21.16            | 23.96           | 33.00            |
|           |            | 36      | 18        | 21.24            | 24.04           | 21.27            | 24.07           | 21.36            | 24.16           | 33.00            |
|           |            | 36      | 39        | 20.96            | 23.76           | 21.11            | 23.91           | 21.05            | 23.85           | 33.00            |
|           |            | 75      | 0         | 21.12            | 23.92           | 21.22            | 24.02           | 21.05            | 23.85           | 33.00            |
|           | 64QAM      | 1       | 0         | 21.54            | 24.34           | 21.49            | 24.29           | 21.59            | 24.39           | 33.00            |
|           |            | 1       | 38        | 21.38            | 24.18           | 20.98            | 23.78           | 21.42            | 24.22           | 33.00            |
|           |            | 1       | 74        | 21.45            | 24.25           | 20.51            | 23.31           | 21.38            | 24.18           | 33.00            |
|           |            | 36      | 0         | 20.14            | 22.94           | 20.36            | 23.16           | 20.32            | 23.12           | 33.00            |
|           |            | 36      | 18        | 20.22            | 23.02           | 20.16            | 22.96           | 20.39            | 23.19           | 33.00            |
|           |            | 36      | 39        | 20.05            | 22.85           | 19.70            | 22.50           | 20.09            | 22.89           | 33.00            |
|           |            | 75      | 0         | 19.99            | 22.79           | 19.99            | 22.79           | 20.10            | 22.90           | 33.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm) 18700 | EIRP(dBm) 18700 | Power(dBm) 18900 | EIRP(dBm) 18900 | Power(dBm) 19100 | EIRP(dBm) 19100 |                  |
| 20MHz     | QPSK       | 1       | 0         | 23.31            | 26.11           | 23.37            | 26.17           | 23.32            | 26.12           | 33.00            |
|           |            | 1       | 50        | 23.22            | 26.02           | 23.25            | 26.05           | 23.27            | 26.07           | 33.00            |
|           |            | 1       | 99        | 23.28            | 26.08           | 23.08            | 25.88           | 23.21            | 26.01           | 33.00            |
|           |            | 50      | 0         | 22.16            | 24.96           | 22.24            | 25.04           | 22.21            | 25.01           | 33.00            |
|           |            | 50      | 25        | 22.25            | 25.05           | 22.36            | 25.16           | 22.32            | 25.12           | 33.00            |
|           |            | 50      | 50        | 22.06            | 24.86           | 22.13            | 24.93           | 22.11            | 24.91           | 33.00            |
|           |            | 100     | 0         | 22.11            | 24.91           | 22.18            | 24.98           | 22.17            | 24.97           | 33.00            |
|           | 16QAM      | 1       | 0         | 22.56            | 25.36           | 22.42            | 25.22           | 22.56            | 25.36           | 33.00            |
|           |            | 1       | 50        | 22.42            | 25.22           | 22.52            | 25.32           | 22.48            | 25.28           | 33.00            |
|           |            | 1       | 99        | 22.47            | 25.27           | 22.57            | 25.37           | 22.53            | 25.33           | 33.00            |
|           |            | 50      | 0         | 21.14            | 23.94           | 21.25            | 24.05           | 21.29            | 24.09           | 33.00            |
|           |            | 50      | 25        | 21.25            | 24.05           | 21.33            | 24.13           | 21.42            | 24.22           | 33.00            |
|           |            | 50      | 50        | 21.04            | 23.84           | 21.14            | 23.94           | 21.12            | 23.92           | 33.00            |
|           |            | 100     | 0         | 21.14            | 23.94           | 21.21            | 24.01           | 21.18            | 23.98           | 33.00            |
|           | 64QAM      | 1       | 0         | 21.51            | 24.31           | 21.53            | 24.33           | 21.62            | 24.42           | 33.00            |
|           |            | 1       | 50        | 21.44            | 24.24           | 21.11            | 23.91           | 21.53            | 24.33           | 33.00            |
|           |            | 1       | 99        | 21.56            | 24.36           | 20.56            | 23.36           | 21.35            | 24.15           | 33.00            |
|           |            | 50      | 0         | 20.26            | 23.06           | 20.33            | 23.13           | 20.30            | 23.10           | 33.00            |
|           |            | 50      | 25        | 20.35            | 23.15           | 20.14            | 22.94           | 20.41            | 23.21           | 33.00            |
|           |            | 50      | 50        | 20.08            | 22.88           | 19.75            | 22.55           | 20.17            | 22.97           | 33.00            |
|           |            | 100     | 0         | 20.06            | 22.86           | 20.01            | 22.81           | 20.20            | 23.00           | 33.00            |

## Test Result for LTE Band 4

Ant1:

| LTE Band 4 |            |         |           |                  |                 |                  |                 |                  |                 |                  |
|------------|------------|---------|-----------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| Bandwidth  | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|            |            |         |           | Power(dBm) 19957 | EIRP(dBm) 19957 | Power(dBm) 20175 | EIRP(dBm) 20175 | Power(dBm) 20393 | EIRP(dBm) 20393 |                  |
| 1.4MHz     | QPSK       | 1       | 0         | 22.68            | 25.13           | 22.68            | 25.13           | 22.87            | 25.32           | 30.00            |
|            |            | 1       | 2         | 23.23            | 25.68           | 23.35            | 25.80           | 23.30            | 25.75           | 30.00            |
|            |            | 1       | 5         | 22.67            | 25.12           | 22.70            | 25.15           | 22.63            | 25.08           | 30.00            |
|            |            | 3       | 0         | 22.75            | 25.20           | 22.70            | 25.15           | 22.82            | 25.27           | 30.00            |
|            |            | 3       | 2         | 23.31            | 25.76           | 23.37            | 25.82           | 23.34            | 25.79           | 30.00            |
|            |            | 3       | 3         | 22.71            | 25.16           | 22.75            | 25.20           | 22.67            | 25.12           | 30.00            |
|            |            | 6       | 0         | 22.21            | 24.66           | 22.27            | 24.72           | 22.23            | 24.68           | 30.00            |
|            | 16QAM      | 1       | 0         | 21.93            | 24.38           | 22.01            | 24.46           | 22.03            | 24.48           | 30.00            |
|            |            | 1       | 2         | 22.61            | 25.06           | 22.54            | 24.99           | 22.61            | 25.06           | 30.00            |
|            |            | 1       | 5         | 21.97            | 24.42           | 22.11            | 24.56           | 21.90            | 24.35           | 30.00            |
|            |            | 3       | 0         | 21.98            | 24.43           | 22.02            | 24.47           | 22.02            | 24.47           | 30.00            |
|            |            | 3       | 2         | 22.59            | 25.04           | 22.51            | 24.96           | 22.61            | 25.06           | 30.00            |
|            |            | 3       | 3         | 21.92            | 24.37           | 22.13            | 24.58           | 21.89            | 24.34           | 30.00            |
|            |            | 6       | 0         | 21.18            | 23.63           | 21.27            | 23.72           | 21.27            | 23.72           | 30.00            |
|            | 64QAM      | 1       | 0         | 20.99            | 23.44           | 21.06            | 23.51           | 21.13            | 23.58           | 30.00            |
|            |            | 1       | 2         | 21.46            | 23.91           | 21.43            | 23.88           | 21.57            | 24.02           | 30.00            |
|            |            | 1       | 5         | 21.04            | 23.49           | 21.19            | 23.64           | 20.98            | 23.43           | 30.00            |
|            |            | 3       | 0         | 20.95            | 23.40           | 21.14            | 23.59           | 21.06            | 23.51           | 30.00            |
|            |            | 3       | 2         | 21.61            | 24.06           | 21.59            | 24.04           | 21.72            | 24.17           | 30.00            |
|            |            | 3       | 3         | 21.13            | 23.58           | 21.03            | 23.48           | 20.95            | 23.40           | 30.00            |
|            |            | 6       | 0         | 20.28            | 22.73           | 20.34            | 22.79           | 20.27            | 22.72           | 30.00            |
| Bandwidth  | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|            |            |         |           | Power(dBm) 19965 | EIRP(dBm) 19965 | Power(dBm) 20175 | EIRP(dBm) 20175 | Power(dBm) 20385 | EIRP(dBm) 20385 |                  |
| 3MHz       | QPSK       | 1       | 0         | 22.73            | 25.18           | 22.78            | 25.23           | 22.78            | 25.23           | 30.00            |
|            |            | 1       | 7         | 23.33            | 25.78           | 23.33            | 25.78           | 23.35            | 25.80           | 30.00            |
|            |            | 1       | 14        | 22.66            | 25.11           | 22.70            | 25.15           | 22.70            | 25.15           | 30.00            |
|            |            | 8       | 0         | 22.15            | 24.60           | 22.38            | 24.83           | 22.39            | 24.84           | 30.00            |
|            |            | 8       | 4         | 22.44            | 24.89           | 22.56            | 25.01           | 22.38            | 24.83           | 30.00            |
|            |            | 8       | 7         | 22.13            | 24.58           | 22.21            | 24.66           | 22.33            | 24.78           | 30.00            |
|            |            | 15      | 0         | 22.22            | 24.67           | 22.30            | 24.75           | 22.23            | 24.68           | 30.00            |
|            | 16QAM      | 1       | 0         | 22.09            | 24.54           | 22.09            | 24.54           | 22.06            | 24.51           | 30.00            |
|            |            | 1       | 7         | 22.50            | 24.95           | 22.53            | 24.98           | 22.56            | 25.01           | 30.00            |
|            |            | 1       | 14        | 21.94            | 24.39           | 22.12            | 24.57           | 22.01            | 24.46           | 30.00            |
|            |            | 8       | 0         | 21.33            | 23.78           | 21.37            | 23.82           | 21.31            | 23.76           | 30.00            |
|            |            | 8       | 4         | 21.40            | 23.85           | 21.61            | 24.06           | 21.42            | 23.87           | 30.00            |
|            |            | 8       | 7         | 21.25            | 23.70           | 21.21            | 23.66           | 21.23            | 23.68           | 30.00            |
|            |            | 15      | 0         | 21.26            | 23.71           | 21.24            | 23.69           | 21.23            | 23.68           | 30.00            |
|            | 64QAM      | 1       | 0         | 20.99            | 23.44           | 21.16            | 23.61           | 21.08            | 23.53           | 30.00            |
|            |            | 1       | 7         | 21.54            | 23.99           | 21.55            | 24.00           | 21.66            | 24.11           | 30.00            |
|            |            | 1       | 14        | 21.12            | 23.57           | 21.13            | 23.58           | 21.08            | 23.53           | 30.00            |
|            |            | 8       | 0         | 20.30            | 22.75           | 20.23            | 22.68           | 20.29            | 22.74           | 30.00            |
|            |            | 8       | 4         | 20.44            | 22.89           | 20.44            | 22.89           | 20.45            | 22.90           | 30.00            |
|            |            | 8       | 7         | 20.26            | 22.71           | 20.32            | 22.77           | 20.35            | 22.80           | 30.00            |
|            |            | 15      | 0         | 20.32            | 22.77           | 20.44            | 22.89           | 20.23            | 22.68           | 30.00            |

| Bandwidth | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|-----------|------------|---------|-----------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
|           |            |         |           | Power(dBm) 19975 | EIRP(dBm) 19975 | Power(dBm) 20175 | EIRP(dBm) 20175 | Power(dBm) 20375 | EIRP(dBm) 20375 |                  |
| 5MHz      | QPSK       | 1       | 0         | 22.74            | 25.19           | 22.68            | 25.13           | 22.84            | 25.29           | 30.00            |
|           |            | 1       | 13        | 23.38            | 25.83           | 23.39            | 25.84           | 23.31            | 25.76           | 30.00            |
|           |            | 1       | 24        | 22.56            | 25.01           | 22.73            | 25.18           | 22.74            | 25.19           | 30.00            |
|           |            | 12      | 0         | 22.25            | 24.70           | 22.30            | 24.75           | 22.31            | 24.76           | 30.00            |
|           |            | 12      | 6         | 22.45            | 24.90           | 22.56            | 25.01           | 22.47            | 24.92           | 30.00            |
|           |            | 12      | 13        | 22.13            | 24.58           | 22.35            | 24.80           | 22.26            | 24.71           | 30.00            |
|           |            | 25      | 0         | 22.34            | 24.79           | 22.25            | 24.70           | 22.32            | 24.77           | 30.00            |
|           | 16QAM      | 1       | 0         | 22.05            | 24.50           | 22.13            | 24.58           | 22.06            | 24.51           | 30.00            |
|           |            | 1       | 13        | 22.49            | 24.94           | 22.57            | 25.02           | 22.57            | 25.02           | 30.00            |
|           |            | 1       | 24        | 21.97            | 24.42           | 22.15            | 24.60           | 21.91            | 24.36           | 30.00            |
|           |            | 12      | 0         | 21.31            | 23.76           | 21.32            | 23.77           | 21.30            | 23.75           | 30.00            |
|           |            | 12      | 6         | 21.45            | 23.90           | 21.58            | 24.03           | 21.40            | 23.85           | 30.00            |
|           |            | 12      | 13        | 21.18            | 23.63           | 21.21            | 23.66           | 21.28            | 23.73           | 30.00            |
|           |            | 25      | 0         | 21.19            | 23.64           | 21.33            | 23.78           | 21.23            | 23.68           | 30.00            |
|           | 64QAM      | 1       | 0         | 20.97            | 23.42           | 21.18            | 23.63           | 21.09            | 23.54           | 30.00            |
|           |            | 1       | 13        | 21.54            | 23.99           | 21.57            | 24.02           | 21.64            | 24.09           | 30.00            |
|           |            | 1       | 24        | 21.08            | 23.53           | 21.04            | 23.49           | 21.02            | 23.47           | 30.00            |
|           |            | 12      | 0         | 20.21            | 22.66           | 20.30            | 22.75           | 20.31            | 22.76           | 30.00            |
|           |            | 12      | 6         | 20.36            | 22.81           | 20.45            | 22.90           | 20.47            | 22.92           | 30.00            |
|           |            | 12      | 13        | 20.25            | 22.70           | 20.29            | 22.74           | 20.30            | 22.75           | 30.00            |
|           |            | 25      | 0         | 20.34            | 22.79           | 20.47            | 22.92           | 20.23            | 22.68           | 30.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm) 20000 | EIRP(dBm) 20000 | Power(dBm) 20175 | EIRP(dBm) 20175 | Power(dBm) 20350 | EIRP(dBm) 20350 |                  |
| 10MHz     | QPSK       | 1       | 0         | 22.78            | 25.23           | 22.82            | 25.27           | 22.92            | 25.37           | 30.00            |
|           |            | 1       | 25        | 23.24            | 25.69           | 23.36            | 25.81           | 23.43            | 25.88           | 30.00            |
|           |            | 1       | 49        | 22.59            | 25.04           | 22.76            | 25.21           | 22.63            | 25.08           | 30.00            |
|           |            | 25      | 0         | 22.18            | 24.63           | 22.30            | 24.75           | 22.23            | 24.68           | 30.00            |
|           |            | 25      | 13        | 22.44            | 24.89           | 22.45            | 24.90           | 22.37            | 24.82           | 30.00            |
|           |            | 25      | 25        | 22.20            | 24.65           | 22.27            | 24.72           | 22.23            | 24.68           | 30.00            |
|           |            | 50      | 0         | 22.24            | 24.69           | 22.20            | 24.65           | 22.17            | 24.62           | 30.00            |
|           | 16QAM      | 1       | 0         | 21.98            | 24.43           | 22.05            | 24.50           | 22.05            | 24.50           | 30.00            |
|           |            | 1       | 25        | 22.53            | 24.98           | 22.51            | 24.96           | 22.61            | 25.06           | 30.00            |
|           |            | 1       | 49        | 21.93            | 24.38           | 22.26            | 24.71           | 21.93            | 24.38           | 30.00            |
|           |            | 25      | 0         | 21.36            | 23.81           | 21.34            | 23.79           | 21.44            | 23.89           | 30.00            |
|           |            | 25      | 13        | 21.36            | 23.81           | 21.53            | 23.98           | 21.44            | 23.89           | 30.00            |
|           |            | 25      | 25        | 21.20            | 23.65           | 21.22            | 23.67           | 21.31            | 23.76           | 30.00            |
|           |            | 50      | 0         | 21.24            | 23.69           | 21.29            | 23.74           | 21.21            | 23.66           | 30.00            |
|           | 64QAM      | 1       | 0         | 20.94            | 23.39           | 21.12            | 23.57           | 21.00            | 23.45           | 30.00            |
|           |            | 1       | 25        | 21.59            | 24.04           | 21.45            | 23.90           | 21.67            | 24.12           | 30.00            |
|           |            | 1       | 49        | 21.18            | 23.63           | 21.04            | 23.49           | 21.07            | 23.52           | 30.00            |
|           |            | 25      | 0         | 20.33            | 22.78           | 20.26            | 22.71           | 20.33            | 22.78           | 30.00            |
|           |            | 25      | 13        | 20.48            | 22.93           | 20.49            | 22.94           | 20.56            | 23.01           | 30.00            |
|           |            | 25      | 25        | 20.39            | 22.84           | 20.33            | 22.78           | 20.23            | 22.68           | 30.00            |
|           |            | 50      | 0         | 20.27            | 22.72           | 20.34            | 22.79           | 20.39            | 22.84           | 30.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm) 20025 | EIRP(dBm) 20025 | Power(dBm) 20175 | EIRP(dBm) 20175 | Power(dBm) 20325 | EIRP(dBm) 20325 |                  |
| 15MHz     | QPSK       | 1       | 0         | 22.81            | 25.26           | 22.81            | 25.26           | 22.89            | 25.34           | 30.00            |

|           |            | 1       | 38        | 23.28            | 25.73           | 23.40            | 25.85           | 23.36            | 25.81           | 30.00            |
|-----------|------------|---------|-----------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
|           |            | 1       | 74        | 22.57            | 25.02           | 22.64            | 25.09           | 22.60            | 25.05           | 30.00            |
|           |            | 36      | 0         | 22.23            | 24.68           | 22.29            | 24.74           | 22.39            | 24.84           | 30.00            |
|           |            | 36      | 18        | 22.48            | 24.93           | 22.43            | 24.88           | 22.39            | 24.84           | 30.00            |
|           |            | 36      | 39        | 22.11            | 24.56           | 22.31            | 24.76           | 22.30            | 24.75           | 30.00            |
|           |            | 75      | 0         | 22.30            | 24.75           | 22.27            | 24.72           | 22.30            | 24.75           | 30.00            |
|           |            | 75      | 0         | 22.30            | 24.75           | 22.27            | 24.72           | 22.30            | 24.75           | 30.00            |
|           | 16QAM      | 1       | 0         | 21.93            | 24.38           | 22.12            | 24.57           | 21.97            | 24.42           | 30.00            |
|           |            | 1       | 38        | 22.45            | 24.90           | 22.56            | 25.01           | 22.59            | 25.04           | 30.00            |
|           |            | 1       | 74        | 22.04            | 24.49           | 22.23            | 24.68           | 22.04            | 24.49           | 30.00            |
|           |            | 36      | 0         | 21.24            | 23.69           | 21.41            | 23.86           | 21.32            | 23.77           | 30.00            |
|           |            | 36      | 18        | 21.32            | 23.77           | 21.54            | 23.99           | 21.49            | 23.94           | 30.00            |
|           |            | 36      | 39        | 21.25            | 23.70           | 21.36            | 23.81           | 21.27            | 23.72           | 30.00            |
|           |            | 75      | 0         | 21.20            | 23.65           | 21.19            | 23.64           | 21.19            | 23.64           | 30.00            |
|           | 64QAM      | 1       | 0         | 21.01            | 23.46           | 21.14            | 23.59           | 21.08            | 23.53           | 30.00            |
|           |            | 1       | 38        | 21.52            | 23.97           | 21.57            | 24.02           | 21.62            | 24.07           | 30.00            |
|           |            | 1       | 74        | 21.13            | 23.58           | 21.08            | 23.53           | 20.97            | 23.42           | 30.00            |
|           |            | 36      | 0         | 20.22            | 22.67           | 20.37            | 22.82           | 20.38            | 22.83           | 30.00            |
|           |            | 36      | 18        | 20.41            | 22.86           | 20.47            | 22.92           | 20.57            | 23.02           | 30.00            |
|           |            | 36      | 39        | 20.27            | 22.72           | 20.32            | 22.77           | 20.19            | 22.64           | 30.00            |
|           |            | 75      | 0         | 20.32            | 22.77           | 20.46            | 22.91           | 20.35            | 22.80           | 30.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm) 20050 | EIRP(dBm) 20050 | Power(dBm) 20175 | EIRP(dBm) 20175 | Power(dBm) 20300 | EIRP(dBm) 20300 |                  |
| 20MHz     | QPSK       | 1       | 0         | 22.81            | 25.26           | 22.80            | 25.25           | 22.90            | 25.35           | 30.00            |
|           |            | 1       | 50        | 23.36            | 25.81           | 23.45            | 25.90           | 23.42            | 25.87           | 30.00            |
|           |            | 1       | 99        | 22.69            | 25.14           | 22.74            | 25.19           | 22.72            | 25.17           | 30.00            |
|           |            | 50      | 0         | 22.28            | 24.73           | 22.41            | 24.86           | 22.36            | 24.81           | 30.00            |
|           |            | 50      | 25        | 22.45            | 24.90           | 22.53            | 24.98           | 22.49            | 24.94           | 30.00            |
|           |            | 50      | 50        | 22.24            | 24.69           | 22.34            | 24.79           | 22.32            | 24.77           | 30.00            |
|           |            | 100     | 0         | 22.31            | 24.76           | 22.32            | 24.77           | 22.29            | 24.74           | 30.00            |
|           | 16QAM      | 1       | 0         | 22.06            | 24.51           | 22.12            | 24.57           | 22.04            | 24.49           | 30.00            |
|           |            | 1       | 50        | 22.58            | 25.03           | 22.63            | 25.08           | 22.62            | 25.07           | 30.00            |
|           |            | 1       | 99        | 22.02            | 24.47           | 22.23            | 24.68           | 22.02            | 24.47           | 30.00            |
|           |            | 50      | 0         | 21.36            | 23.81           | 21.39            | 23.84           | 21.41            | 23.86           | 30.00            |
|           |            | 50      | 25        | 21.45            | 23.90           | 21.58            | 24.03           | 21.53            | 23.98           | 30.00            |
|           |            | 50      | 50        | 21.24            | 23.69           | 21.33            | 23.78           | 21.32            | 23.77           | 30.00            |
|           |            | 100     | 0         | 21.29            | 23.74           | 21.32            | 23.77           | 21.28            | 23.73           | 30.00            |
|           | 64QAM      | 1       | 0         | 21.07            | 23.52           | 21.15            | 23.60           | 21.13            | 23.58           | 30.00            |
|           |            | 1       | 50        | 21.58            | 24.03           | 21.56            | 24.01           | 21.69            | 24.14           | 30.00            |
|           |            | 1       | 99        | 21.15            | 23.60           | 21.16            | 23.61           | 21.06            | 23.51           | 30.00            |
|           |            | 50      | 0         | 20.33            | 22.78           | 20.36            | 22.81           | 20.41            | 22.86           | 30.00            |
|           |            | 50      | 25        | 20.46            | 22.91           | 20.54            | 22.99           | 20.56            | 23.01           | 30.00            |
|           |            | 50      | 50        | 20.36            | 22.81           | 20.42            | 22.87           | 20.32            | 22.77           | 30.00            |
|           |            | 100     | 0         | 20.34            | 22.79           | 20.45            | 22.90           | 20.36            | 22.81           | 30.00            |

## Test Result for LTE Band 5

Ant1:

| LTE Band 5 |            |         |           |                  |                |                  |                |                  |                |                 |
|------------|------------|---------|-----------|------------------|----------------|------------------|----------------|------------------|----------------|-----------------|
| Bandwidth  | Modulation | RB size | RB offset | Channel          |                | Channel          |                | Channel          |                | ERP Limit (dBm) |
|            |            |         |           | Power(dBm) 20407 | ERP(dBm) 20407 | Power(dBm) 20525 | ERP(dBm) 20525 | Power(dBm) 20643 | ERP(dBm) 20643 |                 |
| 1.4MHz     | QPSK       | 1       | 0         | 23.14            | 16.33          | 23.27            | 16.46          | 23.08            | 16.27          | 38.45           |
|            |            | 1       | 2         | 23.00            | 16.19          | 23.17            | 16.36          | 23.13            | 16.32          | 38.45           |
|            |            | 1       | 5         | 23.07            | 16.26          | 23.06            | 16.25          | 23.04            | 16.23          | 38.45           |
|            |            | 3       | 0         | 23.01            | 16.20          | 23.31            | 16.50          | 23.14            | 16.33          | 38.45           |
|            |            | 3       | 2         | 22.98            | 16.17          | 23.07            | 16.26          | 22.99            | 16.18          | 38.45           |
|            |            | 3       | 3         | 23.06            | 16.25          | 23.02            | 16.21          | 23.00            | 16.19          | 38.45           |
|            |            | 6       | 0         | 21.83            | 15.02          | 21.96            | 15.15          | 21.84            | 15.03          | 38.45           |
|            | 16QAM      | 1       | 0         | 22.11            | 15.30          | 22.24            | 15.43          | 22.34            | 15.53          | 38.45           |
|            |            | 1       | 2         | 22.38            | 15.57          | 22.47            | 15.66          | 22.32            | 15.51          | 38.45           |
|            |            | 1       | 5         | 22.46            | 15.65          | 22.23            | 15.42          | 22.26            | 15.45          | 38.45           |
|            |            | 3       | 0         | 22.16            | 15.35          | 22.23            | 15.42          | 22.43            | 15.62          | 38.45           |
|            |            | 3       | 2         | 22.26            | 15.45          | 22.45            | 15.64          | 22.35            | 15.54          | 38.45           |
|            |            | 3       | 3         | 22.42            | 15.61          | 22.28            | 15.47          | 22.25            | 15.44          | 38.45           |
|            |            | 6       | 0         | 20.88            | 14.07          | 20.96            | 14.15          | 20.95            | 14.14          | 38.45           |
|            | 64QAM      | 1       | 0         | 20.71            | 13.90          | 20.93            | 14.12          | 20.79            | 13.98          | 38.45           |
|            |            | 1       | 2         | 20.64            | 13.83          | 20.78            | 13.97          | 20.79            | 13.98          | 38.45           |
|            |            | 1       | 5         | 20.66            | 13.85          | 20.76            | 13.95          | 20.81            | 14.00          | 38.45           |
|            |            | 3       | 0         | 20.61            | 13.80          | 20.89            | 14.08          | 20.80            | 13.99          | 38.45           |
|            |            | 3       | 2         | 20.64            | 13.83          | 20.80            | 13.99          | 20.80            | 13.99          | 38.45           |
|            |            | 3       | 3         | 20.68            | 13.87          | 20.67            | 13.86          | 20.80            | 13.99          | 38.45           |
|            |            | 6       | 0         | 19.92            | 13.11          | 19.89            | 13.08          | 19.90            | 13.09          | 38.45           |
| Bandwidth  | Modulation | RB size | RB offset | Channel          |                | Channel          |                | Channel          |                | ERP Limit (dBm) |
|            |            |         |           | Power(dBm) 20415 | ERP(dBm) 20415 | Power(dBm) 20525 | ERP(dBm) 20525 | Power(dBm) 20635 | ERP(dBm) 20635 |                 |
| 3MHz       | QPSK       | 1       | 0         | 23.05            | 16.24          | 23.27            | 16.46          | 23.16            | 16.35          | 38.45           |
|            |            | 1       | 7         | 22.98            | 16.17          | 23.14            | 16.33          | 23.13            | 16.32          | 38.45           |
|            |            | 1       | 14        | 23.10            | 16.29          | 23.10            | 16.29          | 22.91            | 16.10          | 38.45           |
|            |            | 8       | 0         | 21.90            | 15.09          | 21.93            | 15.12          | 22.03            | 15.22          | 38.45           |
|            |            | 8       | 4         | 21.96            | 15.15          | 22.09            | 15.28          | 22.22            | 15.41          | 38.45           |
|            |            | 8       | 7         | 21.78            | 14.97          | 22.05            | 15.24          | 21.95            | 15.14          | 38.45           |
|            |            | 15      | 0         | 21.94            | 15.13          | 21.96            | 15.15          | 21.92            | 15.11          | 38.45           |
|            | 16QAM      | 1       | 0         | 22.25            | 15.44          | 22.25            | 15.44          | 22.34            | 15.53          | 38.45           |
|            |            | 1       | 7         | 22.32            | 15.51          | 22.49            | 15.68          | 22.21            | 15.40          | 38.45           |
|            |            | 1       | 14        | 22.33            | 15.52          | 22.30            | 15.49          | 22.23            | 15.42          | 38.45           |
|            |            | 8       | 0         | 20.83            | 14.02          | 21.09            | 14.28          | 21.07            | 14.26          | 38.45           |
|            |            | 8       | 4         | 21.16            | 14.35          | 21.18            | 14.37          | 21.03            | 14.22          | 38.45           |
|            |            | 8       | 7         | 20.80            | 13.99          | 20.93            | 14.12          | 20.97            | 14.16          | 38.45           |
|            |            | 15      | 0         | 20.88            | 14.07          | 21.06            | 14.25          | 20.86            | 14.05          | 38.45           |
|            | 64QAM      | 1       | 0         | 20.68            | 13.87          | 20.82            | 14.01          | 20.70            | 13.89          | 38.45           |
|            |            | 1       | 7         | 20.64            | 13.83          | 20.79            | 13.98          | 20.81            | 14.00          | 38.45           |
|            |            | 1       | 14        | 20.60            | 13.79          | 20.69            | 13.88          | 20.75            | 13.94          | 38.45           |
|            |            | 8       | 0         | 19.94            | 13.13          | 20.14            | 13.33          | 19.99            | 13.18          | 38.45           |
|            |            | 8       | 4         | 19.95            | 13.14          | 20.09            | 13.28          | 20.15            | 13.34          | 38.45           |
|            |            | 8       | 7         | 19.76            | 12.95          | 19.89            | 13.08          | 19.88            | 13.07          | 38.45           |
|            |            | 15      | 0         | 19.95            | 13.14          | 19.90            | 13.09          | 19.91            | 13.10          | 38.45           |

| Bandwidth | Modulation | RB size | RB offset | Channel          |                | Channel          |                | Channel          |                | ERP Limit (dBm) |
|-----------|------------|---------|-----------|------------------|----------------|------------------|----------------|------------------|----------------|-----------------|
|           |            |         |           | Power(dBm) 20425 | ERP(dBm) 20425 | Power(dBm) 20525 | ERP(dBm) 20525 | Power(dBm) 20625 | ERP(dBm) 20625 |                 |
| 5MHz      | QPSK       | 1       | 0         | 23.04            | 16.23          | 23.16            | 16.35          | 23.21            | 16.40          | 38.45           |
|           |            | 1       | 13        | 22.99            | 16.18          | 23.17            | 16.36          | 23.09            | 16.28          | 38.45           |
|           |            | 1       | 24        | 23.13            | 16.32          | 23.05            | 16.24          | 22.94            | 16.13          | 38.45           |
|           |            | 12      | 0         | 21.87            | 15.06          | 21.92            | 15.11          | 22.03            | 15.22          | 38.45           |
|           |            | 12      | 6         | 21.94            | 15.13          | 22.13            | 15.32          | 22.12            | 15.31          | 38.45           |
|           |            | 12      | 13        | 21.78            | 14.97          | 22.04            | 15.23          | 21.92            | 15.11          | 38.45           |
|           |            | 25      | 0         | 21.84            | 15.03          | 21.98            | 15.17          | 21.93            | 15.12          | 38.45           |
|           | 16QAM      | 1       | 0         | 22.15            | 15.34          | 22.23            | 15.42          | 22.36            | 15.55          | 38.45           |
|           |            | 1       | 13        | 22.32            | 15.51          | 22.34            | 15.53          | 22.21            | 15.40          | 38.45           |
|           |            | 1       | 24        | 22.42            | 15.61          | 22.23            | 15.42          | 22.19            | 15.38          | 38.45           |
|           |            | 12      | 0         | 20.94            | 14.13          | 21.12            | 14.31          | 21.04            | 14.23          | 38.45           |
|           |            | 12      | 6         | 21.10            | 14.29          | 21.21            | 14.40          | 21.19            | 14.38          | 38.45           |
|           |            | 12      | 13        | 20.83            | 14.02          | 20.92            | 14.11          | 20.91            | 14.10          | 38.45           |
|           |            | 25      | 0         | 20.91            | 14.10          | 20.99            | 14.18          | 20.85            | 14.04          | 38.45           |
|           | 64QAM      | 1       | 0         | 20.63            | 13.82          | 20.91            | 14.10          | 20.70            | 13.89          | 38.45           |
|           |            | 1       | 13        | 20.66            | 13.85          | 20.76            | 13.95          | 20.76            | 13.95          | 38.45           |
|           |            | 1       | 24        | 20.56            | 13.75          | 20.65            | 13.84          | 20.77            | 13.96          | 38.45           |
|           |            | 12      | 0         | 19.88            | 13.07          | 20.12            | 13.31          | 20.08            | 13.27          | 38.45           |
|           |            | 12      | 6         | 20.00            | 13.19          | 20.19            | 13.38          | 20.13            | 13.32          | 38.45           |
|           |            | 12      | 13        | 19.89            | 13.08          | 20.00            | 13.19          | 19.87            | 13.06          | 38.45           |
|           |            | 25      | 0         | 19.96            | 13.15          | 19.89            | 13.08          | 19.87            | 13.06          | 38.45           |
| Bandwidth | Modulation | RB size | RB offset | Channel          |                | Channel          |                | Channel          |                | ERP Limit (dBm) |
|           |            |         |           | Power(dBm) 20450 | ERP(dBm) 20450 | Power(dBm) 20525 | ERP(dBm) 20525 | Power(dBm) 20600 | ERP(dBm) 20600 |                 |
| 10MHz     | QPSK       | 1       | 0         | 23.13            | 16.32          | 23.28            | 16.47          | 23.21            | 16.40          | 38.45           |
|           |            | 1       | 25        | 23.11            | 16.30          | 23.19            | 16.38          | 23.12            | 16.31          | 38.45           |
|           |            | 1       | 49        | 23.10            | 16.29          | 23.12            | 16.31          | 23.02            | 16.21          | 38.45           |
|           |            | 25      | 0         | 21.94            | 15.13          | 22.05            | 15.24          | 22.04            | 15.23          | 38.45           |
|           |            | 25      | 13        | 22.07            | 15.26          | 22.22            | 15.41          | 22.21            | 15.40          | 38.45           |
|           |            | 25      | 25        | 21.86            | 15.05          | 22.02            | 15.21          | 21.92            | 15.11          | 38.45           |
|           |            | 50      | 0         | 21.93            | 15.12          | 22.01            | 15.20          | 21.94            | 15.13          | 38.45           |
|           | 16QAM      | 1       | 0         | 22.24            | 15.43          | 22.29            | 15.48          | 22.47            | 15.66          | 38.45           |
|           |            | 1       | 25        | 22.36            | 15.55          | 22.47            | 15.66          | 22.33            | 15.52          | 38.45           |
|           |            | 1       | 49        | 22.46            | 15.65          | 22.36            | 15.55          | 22.26            | 15.45          | 38.45           |
|           |            | 25      | 0         | 20.95            | 14.14          | 21.12            | 14.31          | 21.10            | 14.29          | 38.45           |
|           |            | 25      | 13        | 21.14            | 14.33          | 21.21            | 14.40          | 21.16            | 14.35          | 38.45           |
|           |            | 25      | 25        | 20.92            | 14.11          | 21.01            | 14.20          | 20.94            | 14.13          | 38.45           |
|           |            | 50      | 0         | 20.94            | 14.13          | 21.08            | 14.27          | 20.98            | 14.17          | 38.45           |
|           | 64QAM      | 1       | 0         | 20.71            | 13.90          | 20.91            | 14.10          | 20.81            | 14.00          | 38.45           |
|           |            | 1       | 25        | 20.76            | 13.95          | 20.85            | 14.04          | 20.84            | 14.03          | 38.45           |
|           |            | 1       | 49        | 20.67            | 13.86          | 20.77            | 13.96          | 20.81            | 14.00          | 38.45           |
|           |            | 25      | 0         | 19.96            | 13.15          | 20.12            | 13.31          | 20.05            | 13.24          | 38.45           |
|           |            | 25      | 13        | 20.08            | 13.27          | 20.22            | 13.41          | 20.20            | 13.39          | 38.45           |
|           |            | 25      | 25        | 19.88            | 13.07          | 19.97            | 13.16          | 19.91            | 13.10          | 38.45           |
|           |            | 50      | 0         | 19.93            | 13.12          | 20.02            | 13.21          | 19.93            | 13.12          | 38.45           |

## Test Result for LTE Band 7

Ant2:

| LTE Band 7 |            |         |           |                     |                    |                     |                    |                     |                    |                  |
|------------|------------|---------|-----------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|------------------|
| Bandwidth  | Modulation | RB size | RB offset | Channel             |                    | Channel             |                    | Channel             |                    | EIRP Limit (dBm) |
|            |            |         |           | Power(dBm)<br>20775 | EIRP(dBm)<br>20775 | Power(dBm)<br>21100 | EIRP(dBm)<br>21100 | Power(dBm)<br>21425 | EIRP(dBm)<br>21425 |                  |
| 5MHz       | QPSK       | 1       | 0         | 23.68               | 24.98              | 23.65               | 24.95              | 23.07               | 24.37              | 33.00            |
|            |            | 1       | 13        | 23.49               | 24.79              | 23.34               | 24.64              | 22.68               | 23.98              | 33.00            |
|            |            | 1       | 24        | 23.68               | 24.98              | 23.38               | 24.68              | 22.67               | 23.97              | 33.00            |
|            |            | 12      | 0         | 22.52               | 23.82              | 22.50               | 23.80              | 22.07               | 23.37              | 33.00            |
|            |            | 12      | 6         | 22.57               | 23.87              | 22.67               | 23.97              | 22.52               | 23.82              | 33.00            |
|            |            | 12      | 13        | 22.41               | 23.71              | 22.29               | 23.59              | 21.42               | 22.72              | 33.00            |
|            |            | 25      | 0         | 22.50               | 23.80              | 22.35               | 23.65              | 21.70               | 23.00              | 33.00            |
|            | 16QAM      | 1       | 0         | 22.80               | 24.10              | 22.70               | 24.00              | 21.98               | 23.28              | 33.00            |
|            |            | 1       | 13        | 22.94               | 24.24              | 22.75               | 24.05              | 21.94               | 23.24              | 33.00            |
|            |            | 1       | 24        | 22.62               | 23.92              | 22.76               | 24.06              | 22.37               | 23.67              | 33.00            |
|            |            | 12      | 0         | 21.64               | 22.94              | 21.34               | 22.64              | 21.22               | 22.52              | 33.00            |
|            |            | 12      | 6         | 21.75               | 23.05              | 21.60               | 22.90              | 20.97               | 22.27              | 33.00            |
|            |            | 12      | 13        | 21.42               | 22.72              | 21.27               | 22.57              | 20.74               | 22.04              | 33.00            |
|            |            | 25      | 0         | 21.48               | 22.78              | 21.38               | 22.68              | 20.81               | 22.11              | 33.00            |
|            | 64QAM      | 1       | 0         | 21.80               | 23.10              | 21.66               | 22.96              | 20.38               | 21.68              | 33.00            |
|            |            | 1       | 13        | 21.71               | 23.01              | 21.66               | 22.96              | 20.31               | 21.61              | 33.00            |
|            |            | 1       | 24        | 21.66               | 22.96              | 21.68               | 22.98              | 20.72               | 22.02              | 33.00            |
|            |            | 12      | 0         | 20.56               | 21.86              | 20.10               | 21.40              | 19.89               | 21.19              | 33.00            |
|            |            | 12      | 6         | 20.70               | 22.00              | 20.28               | 21.58              | 19.63               | 20.93              | 33.00            |
|            |            | 12      | 13        | 20.55               | 21.85              | 20.20               | 21.50              | 19.26               | 20.56              | 33.00            |
|            |            | 25      | 0         | 20.50               | 21.80              | 20.30               | 21.60              | 19.28               | 20.58              | 33.00            |
| Bandwidth  | Modulation | RB size | RB offset | Channel             |                    | Channel             |                    | Channel             |                    | EIRP Limit (dBm) |
|            |            |         |           | Power(dBm)<br>20800 | EIRP(dBm)<br>20800 | Power(dBm)<br>21100 | EIRP(dBm)<br>21100 | Power(dBm)<br>21400 | EIRP(dBm)<br>21400 |                  |
| 10MHz      | QPSK       | 1       | 0         | 23.58               | 24.88              | 23.65               | 24.95              | 23.03               | 24.33              | 33.00            |
|            |            | 1       | 25        | 23.63               | 24.93              | 23.48               | 24.78              | 22.72               | 24.02              | 33.00            |
|            |            | 1       | 49        | 23.66               | 24.96              | 23.44               | 24.74              | 22.66               | 23.96              | 33.00            |
|            |            | 25      | 0         | 22.57               | 23.87              | 22.44               | 23.74              | 22.17               | 23.47              | 33.00            |
|            |            | 25      | 13        | 22.68               | 23.98              | 22.61               | 23.91              | 22.51               | 23.81              | 33.00            |
|            |            | 25      | 25        | 22.45               | 23.75              | 22.24               | 23.54              | 21.43               | 22.73              | 33.00            |
|            |            | 50      | 0         | 22.56               | 23.86              | 22.33               | 23.63              | 21.70               | 23.00              | 33.00            |
|            | 16QAM      | 1       | 0         | 22.83               | 24.13              | 22.66               | 23.96              | 21.95               | 23.25              | 33.00            |
|            |            | 1       | 25        | 22.81               | 24.11              | 22.79               | 24.09              | 22.05               | 23.35              | 33.00            |
|            |            | 1       | 49        | 22.76               | 24.06              | 22.70               | 24.00              | 22.41               | 23.71              | 33.00            |
|            |            | 25      | 0         | 21.58               | 22.88              | 21.36               | 22.66              | 21.15               | 22.45              | 33.00            |
|            |            | 25      | 13        | 21.70               | 23.00              | 21.61               | 22.91              | 20.95               | 22.25              | 33.00            |
|            |            | 25      | 25        | 21.42               | 22.72              | 21.25               | 22.55              | 20.65               | 21.95              | 33.00            |
|            |            | 50      | 0         | 21.53               | 22.83              | 21.28               | 22.58              | 20.87               | 22.17              | 33.00            |
|            | 64QAM      | 1       | 0         | 21.76               | 23.06              | 21.68               | 22.98              | 20.33               | 21.63              | 33.00            |
|            |            | 1       | 25        | 21.82               | 23.12              | 21.59               | 22.89              | 20.36               | 21.66              | 33.00            |
|            |            | 1       | 49        | 21.82               | 23.12              | 21.75               | 23.05              | 20.79               | 22.09              | 33.00            |
|            |            | 25      | 0         | 20.59               | 21.89              | 20.17               | 21.47              | 19.86               | 21.16              | 33.00            |
|            |            | 25      | 13        | 20.63               | 21.93              | 20.31               | 21.61              | 19.59               | 20.89              | 33.00            |
|            |            | 25      | 25        | 20.53               | 21.83              | 20.24               | 21.54              | 19.30               | 20.60              | 33.00            |

|           |            | 50      | 0         | 20.57            | 21.87           | 20.33            | 21.63           | 19.28            | 20.58           | 33.00            |
|-----------|------------|---------|-----------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| Bandwidth | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm) 20825 | EIRP(dBm) 20825 | Power(dBm) 21100 | EIRP(dBm) 21100 | Power(dBm) 21375 | EIRP(dBm) 21375 |                  |
| 15MHz     | QPSK       | 1       | 0         | 23.61            | 24.91           | 23.62            | 24.92           | 23.13            | 24.43           | 33.00            |
|           |            | 1       | 38        | 23.59            | 24.89           | 23.32            | 24.62           | 22.78            | 24.08           | 33.00            |
|           |            | 1       | 74        | 23.66            | 24.96           | 23.43            | 24.73           | 22.66            | 23.96           | 33.00            |
|           |            | 36      | 0         | 22.50            | 23.80           | 22.53            | 23.83           | 22.05            | 23.35           | 33.00            |
|           |            | 36      | 18        | 22.65            | 23.95           | 22.55            | 23.85           | 22.49            | 23.79           | 33.00            |
|           |            | 36      | 39        | 22.54            | 23.84           | 22.23            | 23.53           | 21.38            | 22.68           | 33.00            |
|           |            | 75      | 0         | 22.51            | 23.81           | 22.33            | 23.63           | 21.60            | 22.90           | 33.00            |
|           | 16QAM      | 1       | 0         | 22.84            | 24.14           | 22.77            | 24.07           | 21.93            | 23.23           | 33.00            |
|           |            | 1       | 38        | 22.87            | 24.17           | 22.70            | 24.00           | 21.97            | 23.27           | 33.00            |
|           |            | 1       | 74        | 22.68            | 23.98           | 22.68            | 23.98           | 22.29            | 23.59           | 33.00            |
|           |            | 36      | 0         | 21.49            | 22.79           | 21.49            | 22.79           | 21.23            | 22.53           | 33.00            |
|           |            | 36      | 18        | 21.81            | 23.11           | 21.58            | 22.88           | 20.90            | 22.20           | 33.00            |
|           |            | 36      | 39        | 21.51            | 22.81           | 21.39            | 22.69           | 20.68            | 21.98           | 33.00            |
|           |            | 75      | 0         | 21.55            | 22.85           | 21.29            | 22.59           | 20.86            | 22.16           | 33.00            |
|           | 64QAM      | 1       | 0         | 21.85            | 23.15           | 21.59            | 22.89           | 20.42            | 21.72           | 33.00            |
|           |            | 1       | 38        | 21.77            | 23.07           | 21.66            | 22.96           | 20.27            | 21.57           | 33.00            |
|           |            | 1       | 74        | 21.67            | 22.97           | 21.70            | 23.00           | 20.79            | 22.09           | 33.00            |
|           |            | 36      | 0         | 20.66            | 21.96           | 20.04            | 21.34           | 19.77            | 21.07           | 33.00            |
|           |            | 36      | 18        | 20.65            | 21.95           | 20.35            | 21.65           | 19.50            | 20.80           | 33.00            |
|           |            | 36      | 39        | 20.43            | 21.73           | 20.35            | 21.65           | 19.27            | 20.57           | 33.00            |
|           |            | 75      | 0         | 20.52            | 21.82           | 20.31            | 21.61           | 19.21            | 20.51           | 33.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm) 20850 | EIRP(dBm) 20850 | Power(dBm) 21100 | EIRP(dBm) 21100 | Power(dBm) 21350 | EIRP(dBm) 21350 |                  |
| 20MHz     | QPSK       | 1       | 0         | 23.69            | 24.99           | 23.70            | 25.00           | 23.10            | 24.40           | 33.00            |
|           |            | 1       | 50        | 23.62            | 24.92           | 23.45            | 24.75           | 22.81            | 24.11           | 33.00            |
|           |            | 1       | 99        | 23.68            | 24.98           | 23.41            | 24.71           | 22.75            | 24.05           | 33.00            |
|           |            | 50      | 0         | 22.61            | 23.91           | 22.51            | 23.81           | 22.16            | 23.46           | 33.00            |
|           |            | 50      | 25        | 22.66            | 23.96           | 22.67            | 23.97           | 22.60            | 23.90           | 33.00            |
|           |            | 50      | 50        | 22.51            | 23.81           | 22.35            | 23.65           | 21.45            | 22.75           | 33.00            |
|           |            | 100     | 0         | 22.53            | 23.83           | 22.40            | 23.70           | 21.67            | 22.97           | 33.00            |
|           | 16QAM      | 1       | 0         | 22.87            | 24.17           | 22.75            | 24.05           | 22.05            | 23.35           | 33.00            |
|           |            | 1       | 50        | 22.91            | 24.21           | 22.82            | 24.12           | 22.07            | 23.37           | 33.00            |
|           |            | 1       | 99        | 22.74            | 24.04           | 22.78            | 24.08           | 22.39            | 23.69           | 33.00            |
|           |            | 50      | 0         | 21.62            | 22.92           | 21.47            | 22.77           | 21.25            | 22.55           | 33.00            |
|           |            | 50      | 25        | 21.78            | 23.08           | 21.60            | 22.90           | 21.01            | 22.31           | 33.00            |
|           |            | 50      | 50        | 21.49            | 22.79           | 21.36            | 22.66           | 20.78            | 22.08           | 33.00            |
|           |            | 100     | 0         | 21.55            | 22.85           | 21.35            | 22.65           | 20.89            | 22.19           | 33.00            |
|           | 64QAM      | 1       | 0         | 21.87            | 23.17           | 21.70            | 23.00           | 20.46            | 21.76           | 33.00            |
|           |            | 1       | 50        | 21.83            | 23.13           | 21.68            | 22.98           | 20.40            | 21.70           | 33.00            |
|           |            | 1       | 99        | 21.79            | 23.09           | 21.77            | 23.07           | 20.80            | 22.10           | 33.00            |
|           |            | 50      | 0         | 20.63            | 21.93           | 20.15            | 21.45           | 19.90            | 21.20           | 33.00            |
|           |            | 50      | 25        | 20.74            | 22.04           | 20.33            | 21.63           | 19.60            | 20.90           | 33.00            |
|           |            | 50      | 50        | 20.52            | 21.82           | 20.32            | 21.62           | 19.35            | 20.65           | 33.00            |
|           |            | 100     | 0         | 20.57            | 21.87           | 20.31            | 21.61           | 19.33            | 20.63           | 33.00            |

## Test Result for LTE Band 12

Ant1:

| LTE Band 12 |            |         |           |                     |                   |                     |                   |                     |                   |                 |
|-------------|------------|---------|-----------|---------------------|-------------------|---------------------|-------------------|---------------------|-------------------|-----------------|
| Bandwidth   | Modulation | RB size | RB offset | Channel             |                   | Channel             |                   | Channel             |                   | ERP Limit (dBm) |
|             |            |         |           | Power(dBm)<br>23017 | ERP(dBm)<br>23017 | Power(dBm)<br>23095 | ERP(dBm)<br>23095 | Power(dBm)<br>23173 | ERP(dBm)<br>23173 |                 |
| 1.4MHz      | QPSK       | 1       | 0         | 23.40               | 13.65             | 23.46               | 13.71             | 23.41               | 13.66             | 34.77           |
|             |            | 1       | 2         | 23.33               | 13.58             | 23.36               | 13.61             | 23.09               | 13.34             | 34.77           |
|             |            | 1       | 5         | 23.21               | 13.46             | 23.20               | 13.45             | 23.13               | 13.38             | 34.77           |
|             |            | 3       | 0         | 23.48               | 13.73             | 23.44               | 13.69             | 23.40               | 13.65             | 34.77           |
|             |            | 3       | 2         | 23.43               | 13.68             | 23.28               | 13.53             | 23.11               | 13.36             | 34.77           |
|             |            | 3       | 3         | 23.24               | 13.49             | 23.35               | 13.60             | 23.08               | 13.33             | 34.77           |
|             |            | 6       | 0         | 22.18               | 12.43             | 22.09               | 12.34             | 21.99               | 12.24             | 34.77           |
|             | 16QAM      | 1       | 0         | 22.52               | 12.77             | 22.63               | 12.88             | 22.66               | 12.91             | 34.77           |
|             |            | 1       | 2         | 22.61               | 12.86             | 22.82               | 13.07             | 22.44               | 12.69             | 34.77           |
|             |            | 1       | 5         | 22.58               | 12.83             | 22.50               | 12.75             | 22.37               | 12.62             | 34.77           |
|             |            | 3       | 0         | 22.49               | 12.74             | 22.76               | 13.01             | 22.63               | 12.88             | 34.77           |
|             |            | 3       | 2         | 22.61               | 12.86             | 22.70               | 12.95             | 22.49               | 12.74             | 34.77           |
|             |            | 3       | 3         | 22.47               | 12.72             | 22.50               | 12.75             | 22.27               | 12.52             | 34.77           |
|             |            | 6       | 0         | 21.15               | 11.40             | 21.19               | 11.44             | 21.07               | 11.32             | 34.77           |
|             | 64QAM      | 1       | 0         | 21.37               | 11.62             | 21.21               | 11.46             | 21.59               | 11.84             | 34.77           |
|             |            | 1       | 2         | 21.46               | 11.71             | 21.13               | 11.38             | 21.40               | 11.65             | 34.77           |
|             |            | 1       | 5         | 21.29               | 11.54             | 21.42               | 11.67             | 21.25               | 11.50             | 34.77           |
|             |            | 3       | 0         | 21.33               | 11.58             | 21.20               | 11.45             | 21.45               | 11.70             | 34.77           |
|             |            | 3       | 2         | 21.40               | 11.65             | 21.18               | 11.43             | 21.47               | 11.72             | 34.77           |
|             |            | 3       | 3         | 21.24               | 11.49             | 21.49               | 11.74             | 21.20               | 11.45             | 34.77           |
|             |            | 6       | 0         | 20.10               | 10.35             | 20.21               | 10.46             | 20.06               | 10.31             | 34.77           |
| Bandwidth   | Modulation | RB size | RB offset | Channel             |                   | Channel             |                   | Channel             |                   | ERP Limit (dBm) |
|             |            |         |           | Power(dBm)<br>23025 | ERP(dBm)<br>23025 | Power(dBm)<br>23095 | ERP(dBm)<br>23095 | Power(dBm)<br>23165 | ERP(dBm)<br>23165 |                 |
| 3MHz        | QPSK       | 1       | 0         | 23.38               | 13.63             | 23.39               | 13.64             | 23.48               | 13.73             | 34.77           |
|             |            | 1       | 7         | 23.36               | 13.61             | 23.28               | 13.53             | 23.08               | 13.33             | 34.77           |
|             |            | 1       | 14        | 23.28               | 13.53             | 23.18               | 13.43             | 23.18               | 13.43             | 34.77           |
|             |            | 8       | 0         | 22.19               | 12.44             | 22.29               | 12.54             | 22.15               | 12.40             | 34.77           |
|             |            | 8       | 4         | 22.25               | 12.50             | 22.37               | 12.62             | 22.26               | 12.51             | 34.77           |
|             |            | 8       | 7         | 22.15               | 12.40             | 22.05               | 12.30             | 21.88               | 12.13             | 34.77           |
|             |            | 15      | 0         | 22.16               | 12.41             | 22.15               | 12.40             | 21.87               | 12.12             | 34.77           |
|             | 16QAM      | 1       | 0         | 22.40               | 12.65             | 22.72               | 12.97             | 22.64               | 12.89             | 34.77           |
|             |            | 1       | 7         | 22.59               | 12.84             | 22.71               | 12.96             | 22.42               | 12.67             | 34.77           |
|             |            | 1       | 14        | 22.59               | 12.84             | 22.54               | 12.79             | 22.36               | 12.61             | 34.77           |
|             |            | 8       | 0         | 21.34               | 11.59             | 21.21               | 11.46             | 21.02               | 11.27             | 34.77           |
|             |            | 8       | 4         | 21.42               | 11.67             | 21.37               | 11.62             | 21.27               | 11.52             | 34.77           |
|             |            | 8       | 7         | 21.11               | 11.36             | 21.05               | 11.30             | 20.90               | 11.15             | 34.77           |
|             |            | 15      | 0         | 21.15               | 11.40             | 21.20               | 11.45             | 21.12               | 11.37             | 34.77           |
|             | 64QAM      | 1       | 0         | 21.37               | 11.62             | 21.26               | 11.51             | 21.55               | 11.80             | 34.77           |
|             |            | 1       | 7         | 21.48               | 11.73             | 21.17               | 11.42             | 21.34               | 11.59             | 34.77           |
|             |            | 1       | 14        | 21.31               | 11.56             | 21.44               | 11.69             | 21.13               | 11.38             | 34.77           |
|             |            | 8       | 0         | 20.15               | 10.40             | 19.84               | 10.09             | 20.08               | 10.33             | 34.77           |
|             |            | 8       | 4         | 20.36               | 10.61             | 19.94               | 10.19             | 20.11               | 10.36             | 34.77           |
|             |            | 8       | 7         | 20.13               | 10.38             | 20.07               | 10.32             | 19.86               | 10.11             | 34.77           |
|             |            | 15      | 0         | 20.23               | 10.48             | 20.28               | 10.53             | 20.03               | 10.28             | 34.77           |

| Bandwidth | Modulation | RB size | RB offset | Channel          |                | Channel          |                | Channel          |                | ERP Limit (dBm) |
|-----------|------------|---------|-----------|------------------|----------------|------------------|----------------|------------------|----------------|-----------------|
|           |            |         |           | Power(dBm) 23035 | ERP(dBm) 23035 | Power(dBm) 23095 | ERP(dBm) 23095 | Power(dBm) 23155 | ERP(dBm) 23155 |                 |
| 5MHz      | QPSK       | 1       | 0         | 23.34            | 13.59          | 23.44            | 13.69          | 23.46            | 13.71          | 34.77           |
|           |            | 1       | 13        | 23.32            | 13.57          | 23.26            | 13.51          | 23.11            | 13.36          | 34.77           |
|           |            | 1       | 24        | 23.33            | 13.58          | 23.23            | 13.48          | 23.11            | 13.36          | 34.77           |
|           |            | 12      | 0         | 22.25            | 12.50          | 22.19            | 12.44          | 22.09            | 12.34          | 34.77           |
|           |            | 12      | 6         | 22.37            | 12.62          | 22.33            | 12.58          | 22.23            | 12.48          | 34.77           |
|           |            | 12      | 13        | 22.00            | 12.25          | 22.05            | 12.30          | 21.93            | 12.18          | 34.77           |
|           |            | 25      | 0         | 22.14            | 12.39          | 22.09            | 12.34          | 22.05            | 12.30          | 34.77           |
|           | 16QAM      | 1       | 0         | 22.40            | 12.65          | 22.80            | 13.05          | 22.55            | 12.80          | 34.77           |
|           |            | 1       | 13        | 22.69            | 12.94          | 22.78            | 13.03          | 22.49            | 12.74          | 34.77           |
|           |            | 1       | 24        | 22.50            | 12.75          | 22.54            | 12.79          | 22.40            | 12.65          | 34.77           |
|           |            | 12      | 0         | 21.30            | 11.55          | 21.22            | 11.47          | 21.17            | 11.42          | 34.77           |
|           |            | 12      | 6         | 21.43            | 11.68          | 21.40            | 11.65          | 21.19            | 11.44          | 34.77           |
|           |            | 12      | 13        | 21.07            | 11.32          | 21.08            | 11.33          | 21.04            | 11.29          | 34.77           |
|           |            | 25      | 0         | 21.10            | 11.35          | 21.12            | 11.37          | 21.13            | 11.38          | 34.77           |
|           | 64QAM      | 1       | 0         | 21.26            | 11.51          | 21.21            | 11.46          | 21.44            | 11.69          | 34.77           |
|           |            | 1       | 13        | 21.56            | 11.81          | 21.08            | 11.33          | 21.33            | 11.58          | 34.77           |
|           |            | 1       | 24        | 21.22            | 11.47          | 21.51            | 11.76          | 21.20            | 11.45          | 34.77           |
|           |            | 12      | 0         | 20.32            | 10.57          | 19.71            | 9.96           | 20.02            | 10.27          | 34.77           |
|           |            | 12      | 6         | 20.35            | 10.60          | 19.94            | 10.19          | 20.24            | 10.49          | 34.77           |
|           |            | 12      | 13        | 20.09            | 10.34          | 20.21            | 10.46          | 19.82            | 10.07          | 34.77           |
|           |            | 25      | 0         | 20.27            | 10.52          | 20.26            | 10.51          | 19.98            | 10.23          | 34.77           |
| Bandwidth | Modulation | RB size | RB offset | Channel          |                | Channel          |                | Channel          |                | ERP Limit (dBm) |
|           |            |         |           | Power(dBm) 23060 | ERP(dBm) 23060 | Power(dBm) 23095 | ERP(dBm) 23095 | Power(dBm) 23130 | ERP(dBm) 23130 |                 |
| 10MHz     | QPSK       | 1       | 0         | <b>23.45</b>     | 13.70          | <b>23.52</b>     | 13.77          | <b>23.48</b>     | 13.73          | 34.77           |
|           |            | 1       | 25        | 23.41            | 13.66          | 23.38            | 13.63          | 23.22            | 13.47          | 34.77           |
|           |            | 1       | 49        | 23.35            | 13.60          | 23.32            | 13.57          | 23.15            | 13.40          | 34.77           |
|           |            | 25      | 0         | 22.26            | 12.51          | 22.31            | 12.56          | 22.12            | 12.37          | 34.77           |
|           |            | 25      | 13        | 22.38            | 12.63          | <b>22.39</b>     | 12.64          | 22.24            | 12.49          | 34.77           |
|           |            | 25      | 25        | 22.13            | 12.38          | 22.10            | 12.35          | 21.97            | 12.22          | 34.77           |
|           |            | 50      | 0         | 22.22            | 12.47          | 22.19            | 12.44          | 22.02            | 12.27          | 34.77           |
|           | 16QAM      | 1       | 0         | 22.51            | 12.76          | 22.78            | 13.03          | 22.65            | 12.90          | 34.77           |
|           |            | 1       | 25        | 22.73            | 12.98          | 22.82            | 13.07          | 22.56            | 12.81          | 34.77           |
|           |            | 1       | 49        | 22.58            | 12.83          | 22.51            | 12.76          | 22.38            | 12.63          | 34.77           |
|           |            | 25      | 0         | 21.32            | 11.57          | 21.31            | 11.56          | 21.15            | 11.40          | 34.77           |
|           |            | 25      | 13        | 21.45            | 11.70          | 21.49            | 11.74          | 21.26            | 11.51          | 34.77           |
|           |            | 25      | 25        | 21.15            | 11.40          | 21.18            | 11.43          | 21.02            | 11.27          | 34.77           |
|           |            | 50      | 0         | 21.21            | 11.46          | 21.20            | 11.45          | 21.13            | 11.38          | 34.77           |
|           | 64QAM      | 1       | 0         | 21.35            | 11.60          | 21.24            | 11.49          | 21.57            | 11.82          | 34.77           |
|           |            | 1       | 25        | 21.55            | 11.80          | 21.22            | 11.47          | 21.48            | 11.73          | 34.77           |
|           |            | 1       | 49        | 21.37            | 11.62          | 21.48            | 11.73          | 21.28            | 11.53          | 34.77           |
|           |            | 25      | 0         | 20.29            | 10.54          | 19.85            | 10.10          | 20.14            | 10.39          | 34.77           |
|           |            | 25      | 13        | 20.46            | 10.71          | 20.06            | 10.31          | 20.21            | 10.46          | 34.77           |
|           |            | 25      | 25        | 20.11            | 10.36          | 20.21            | 10.46          | 19.91            | 10.16          | 34.77           |
|           |            | 50      | 0         | 20.24            | 10.49          | 20.25            | 10.50          | 20.08            | 10.33          | 34.77           |

## Test Result for LTE Band 13

Ant2:

| LTE Band 13 |            |         |           |                  |                |                  |                |                  |                |                 |
|-------------|------------|---------|-----------|------------------|----------------|------------------|----------------|------------------|----------------|-----------------|
| Bandwidth   | Modulation | RB size | RB offset | Channel          |                | Channel          |                | Channel          |                | ERP Limit (dBm) |
|             |            |         |           | Power(dBm) 23205 | ERP(dBm) 23205 | Power(dBm) 23230 | ERP(dBm) 23230 | Power(dBm) 23255 | ERP(dBm) 23255 |                 |
| 5MHz        | QPSK       | 1       | 0         | 23.06            | 14.53          | 23.03            | 14.50          | 23.16            | 14.63          | 34.77           |
|             |            | 1       | 13        | 23.20            | 14.67          | 23.18            | 14.65          | 23.19            | 14.66          | 34.77           |
|             |            | 1       | 24        | 23.23            | 14.70          | 23.24            | 14.71          | 23.17            | 14.64          | 34.77           |
|             |            | 12      | 0         | 22.26            | 13.73          | 22.17            | 13.64          | 22.13            | 13.60          | 34.77           |
|             |            | 12      | 6         | 22.23            | 13.70          | 22.16            | 13.63          | 22.27            | 13.74          | 34.77           |
|             |            | 12      | 13        | 21.99            | 13.46          | 21.95            | 13.42          | 22.03            | 13.50          | 34.77           |
|             |            | 25      | 0         | 22.03            | 13.50          | 22.10            | 13.57          | 22.06            | 13.53          | 34.77           |
|             | 16QAM      | 1       | 0         | 22.36            | 13.83          | 22.51            | 13.98          | 22.49            | 13.96          | 34.77           |
|             |            | 1       | 13        | 22.57            | 14.04          | 22.50            | 13.97          | 22.59            | 14.06          | 34.77           |
|             |            | 1       | 24        | 22.32            | 13.79          | 22.30            | 13.77          | 22.40            | 13.87          | 34.77           |
|             |            | 12      | 0         | 21.14            | 12.61          | 21.01            | 12.48          | 21.06            | 12.53          | 34.77           |
|             |            | 12      | 6         | 21.20            | 12.67          | 21.38            | 12.85          | 21.28            | 12.75          | 34.77           |
|             |            | 12      | 13        | 21.04            | 12.51          | 20.98            | 12.45          | 21.02            | 12.49          | 34.77           |
|             |            | 25      | 0         | 21.00            | 12.47          | 21.09            | 12.56          | 21.04            | 12.51          | 34.77           |
|             | 64QAM      | 1       | 0         | 21.34            | 12.81          | 21.46            | 12.93          | 21.46            | 12.93          | 34.77           |
|             |            | 1       | 13        | 21.42            | 12.89          | 21.48            | 12.95          | 21.46            | 12.93          | 34.77           |
|             |            | 1       | 24        | 21.35            | 12.82          | 21.41            | 12.88          | 21.38            | 12.85          | 34.77           |
|             |            | 12      | 0         | 19.98            | 11.45          | 20.01            | 11.48          | 20.04            | 11.51          | 34.77           |
|             |            | 12      | 6         | 20.24            | 11.71          | 20.35            | 11.82          | 20.27            | 11.74          | 34.77           |
|             |            | 12      | 13        | 19.92            | 11.39          | 20.06            | 11.53          | 19.96            | 11.43          | 34.77           |
|             |            | 25      | 0         | 20.00            | 11.47          | 20.14            | 11.61          | 20.05            | 11.52          | 34.77           |
| Bandwidth   | Modulation | RB size | RB offset | /                | /              | Channel          |                | /                | /              | ERP Limit (dBm) |
|             |            |         |           | /                | /              | Power(dBm) 23230 | ERP(dBm) 23230 | /                | /              |                 |
| 10MHz       | QPSK       | 1       | 0         | /                | /              | 23.16            | 14.63          | /                | /              | 34.77           |
|             |            | 1       | 25        | /                | /              | 23.28            | 14.75          | /                | /              | 34.77           |
|             |            | 1       | 49        | /                | /              | 23.22            | 14.69          | /                | /              | 34.77           |
|             |            | 25      | 0         | /                | /              | 22.26            | 13.73          | /                | /              | 34.77           |
|             |            | 25      | 13        | /                | /              | 22.24            | 13.71          | /                | /              | 34.77           |
|             |            | 25      | 25        | /                | /              | 22.04            | 13.51          | /                | /              | 34.77           |
|             |            | 50      | 0         | /                | /              | 22.11            | 13.58          | /                | /              | 34.77           |
|             | 16QAM      | 1       | 0         | /                | /              | 22.51            | 13.98          | /                | /              | 34.77           |
|             |            | 1       | 25        | /                | /              | 22.57            | 14.04          | /                | /              | 34.77           |
|             |            | 1       | 49        | /                | /              | 22.42            | 13.89          | /                | /              | 34.77           |
|             |            | 25      | 0         | /                | /              | 21.12            | 12.59          | /                | /              | 34.77           |
|             |            | 25      | 13        | /                | /              | 21.35            | 12.82          | /                | /              | 34.77           |
|             |            | 25      | 25        | /                | /              | 21.06            | 12.53          | /                | /              | 34.77           |
|             |            | 50      | 0         | /                | /              | 21.14            | 12.61          | /                | /              | 34.77           |
|             | 64QAM      | 1       | 0         | /                | /              | 21.45            | 12.92          | /                | /              | 34.77           |
|             |            | 1       | 25        | /                | /              | 21.56            | 13.03          | /                | /              | 34.77           |
|             |            | 1       | 49        | /                | /              | 21.46            | 12.93          | /                | /              | 34.77           |
|             |            | 25      | 0         | /                | /              | 20.11            | 11.58          | /                | /              | 34.77           |
|             |            | 25      | 13        | /                | /              | 20.36            | 11.83          | /                | /              | 34.77           |
|             |            | 25      | 25        | /                | /              | 20.05            | 11.52          | /                | /              | 34.77           |
|             |            | 50      | 0         | /                | /              | 20.11            | 11.58          | /                | /              | 34.77           |

## Test Result for LTE Band 14

Ant1:

| LTE Band 14 |            |         |           |                  |                |                  |                |                  |                |                 |
|-------------|------------|---------|-----------|------------------|----------------|------------------|----------------|------------------|----------------|-----------------|
| Bandwidth   | Modulation | RB size | RB offset | Channel          |                | Channel          |                | Channel          |                | ERP Limit (dBm) |
|             |            |         |           | Power(dBm) 23305 | ERP(dBm) 23305 | Power(dBm) 23330 | ERP(dBm) 23330 | Power(dBm) 23355 | ERP(dBm) 23355 |                 |
| 5MHz        | QPSK       | 1       | 0         | 23.22            | 15.07          | 23.22            | 15.07          | 23.22            | 15.07          | 34.77           |
|             |            | 1       | 13        | 23.31            | 15.16          | 23.26            | 15.11          | 23.29            | 15.14          | 34.77           |
|             |            | 1       | 24        | 23.20            | 15.05          | 23.20            | 15.05          | 23.20            | 15.05          | 34.77           |
|             |            | 12      | 0         | 22.17            | 14.02          | 22.07            | 13.92          | 22.08            | 13.93          | 34.77           |
|             |            | 12      | 6         | 22.25            | 14.10          | 22.20            | 14.05          | 22.17            | 14.02          | 34.77           |
|             |            | 12      | 13        | 22.09            | 13.94          | 22.07            | 13.92          | 22.00            | 13.85          | 34.77           |
|             |            | 25      | 0         | 21.93            | 13.78          | 22.08            | 13.93          | 22.08            | 13.93          | 34.77           |
|             | 16QAM      | 1       | 0         | 22.52            | 14.37          | 22.64            | 14.49          | 22.60            | 14.45          | 34.77           |
|             |            | 1       | 13        | 22.47            | 14.32          | 22.48            | 14.33          | 22.63            | 14.48          | 34.77           |
|             |            | 1       | 24        | 22.36            | 14.21          | 22.51            | 14.36          | 22.52            | 14.37          | 34.77           |
|             |            | 12      | 0         | 21.06            | 12.91          | 21.11            | 12.96          | 21.15            | 13.00          | 34.77           |
|             |            | 12      | 6         | 21.30            | 13.15          | 21.27            | 13.12          | 21.32            | 13.17          | 34.77           |
|             |            | 12      | 13        | 21.08            | 12.93          | 21.08            | 12.93          | 21.03            | 12.88          | 34.77           |
|             |            | 25      | 0         | 20.98            | 12.83          | 21.07            | 12.92          | 21.07            | 12.92          | 34.77           |
|             | 64QAM      | 1       | 0         | 21.52            | 13.37          | 21.54            | 13.39          | 21.57            | 13.42          | 34.77           |
|             |            | 1       | 13        | 21.52            | 13.37          | 21.55            | 13.40          | 21.61            | 13.46          | 34.77           |
|             |            | 1       | 24        | 21.32            | 13.17          | 21.38            | 13.23          | 21.26            | 13.11          | 34.77           |
|             |            | 12      | 0         | 20.04            | 11.89          | 20.15            | 12.00          | 20.09            | 11.94          | 34.77           |
|             |            | 12      | 6         | 20.21            | 12.06          | 20.31            | 12.16          | 20.27            | 12.12          | 34.77           |
|             |            | 12      | 13        | 20.01            | 11.86          | 19.95            | 11.80          | 19.99            | 11.84          | 34.77           |
|             |            | 25      | 0         | 20.04            | 11.89          | 20.01            | 11.86          | 20.02            | 11.87          | 34.77           |
| Bandwidth   | Modulation | RB size | RB offset | /                | /              | Channel          |                | /                | /              | ERP Limit (dBm) |
|             |            |         |           | /                | /              | Power(dBm) 23330 | ERP(dBm) 23330 | /                | /              |                 |
| 10MHz       | QPSK       | 1       | 0         | /                | /              | 23.24            | 15.09          | /                | /              | 34.77           |
|             |            | 1       | 25        | /                | /              | 23.35            | 15.20          | /                | /              | 34.77           |
|             |            | 1       | 49        | /                | /              | 23.21            | 15.06          | /                | /              | 34.77           |
|             |            | 25      | 0         | /                | /              | 22.15            | 14.00          | /                | /              | 34.77           |
|             |            | 25      | 13        | /                | /              | 22.24            | 14.09          | /                | /              | 34.77           |
|             |            | 25      | 25        | /                | /              | 22.08            | 13.93          | /                | /              | 34.77           |
|             |            | 50      | 0         | /                | /              | 22.06            | 13.91          | /                | /              | 34.77           |
|             | 16QAM      | 1       | 0         | /                | /              | 22.65            | 14.50          | /                | /              | 34.77           |
|             |            | 1       | 25        | /                | /              | 22.60            | 14.45          | /                | /              | 34.77           |
|             |            | 1       | 49        | /                | /              | 22.51            | 14.36          | /                | /              | 34.77           |
|             |            | 25      | 0         | /                | /              | 21.19            | 13.04          | /                | /              | 34.77           |
|             |            | 25      | 13        | /                | /              | 21.31            | 13.16          | /                | /              | 34.77           |
|             |            | 25      | 25        | /                | /              | 21.05            | 12.90          | /                | /              | 34.77           |
|             |            | 50      | 0         | /                | /              | 21.10            | 12.95          | /                | /              | 34.77           |
|             | 64QAM      | 1       | 0         | /                | /              | 21.57            | 13.42          | /                | /              | 34.77           |
|             |            | 1       | 25        | /                | /              | 21.63            | 13.48          | /                | /              | 34.77           |
|             |            | 1       | 49        | /                | /              | 21.35            | 13.20          | /                | /              | 34.77           |
|             |            | 25      | 0         | /                | /              | 20.12            | 11.97          | /                | /              | 34.77           |
|             |            | 25      | 13        | /                | /              | 20.29            | 12.14          | /                | /              | 34.77           |
|             |            | 25      | 25        | /                | /              | 20.04            | 11.89          | /                | /              | 34.77           |
|             |            | 50      | 0         | /                | /              | 20.10            | 11.95          | /                | /              | 34.77           |

## Test Result for LTE Band 25

Ant1:

| LTE Band 25 |            |         |           |                  |                 |                  |                 |                  |                 |                  |
|-------------|------------|---------|-----------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| Bandwidth   | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|             |            |         |           | Power(dBm) 26047 | EIRP(dBm) 26047 | Power(dBm) 26365 | EIRP(dBm) 26365 | Power(dBm) 26683 | EIRP(dBm) 26683 |                  |
| 1.4MHz      | QPSK       | 1       | 0         | 23.19            | 25.99           | 23.40            | 26.20           | 23.28            | 26.08           | 33.00            |
|             |            | 1       | 2         | 23.09            | 25.89           | 23.14            | 25.94           | 23.19            | 25.99           | 33.00            |
|             |            | 1       | 5         | 23.17            | 25.97           | 23.21            | 26.01           | 23.16            | 25.96           | 33.00            |
|             |            | 3       | 0         | 23.22            | 26.02           | 23.41            | 26.21           | 23.20            | 26.00           | 33.00            |
|             |            | 3       | 2         | 23.04            | 25.84           | 23.23            | 26.03           | 23.19            | 25.99           | 33.00            |
|             |            | 3       | 3         | 23.09            | 25.89           | 23.20            | 26.00           | 23.21            | 26.01           | 33.00            |
|             |            | 6       | 0         | 22.05            | 24.85           | 22.21            | 25.01           | 22.09            | 24.89           | 33.00            |
|             | 16QAM      | 1       | 0         | 22.39            | 25.19           | 22.51            | 25.31           | 22.56            | 25.36           | 33.00            |
|             |            | 1       | 2         | 22.53            | 25.33           | 22.53            | 25.33           | 22.53            | 25.33           | 33.00            |
|             |            | 1       | 5         | 22.38            | 25.18           | 22.47            | 25.27           | 22.53            | 25.33           | 33.00            |
|             |            | 3       | 0         | 22.39            | 25.19           | 22.55            | 25.35           | 22.53            | 25.33           | 33.00            |
|             |            | 3       | 2         | 22.44            | 25.24           | 22.52            | 25.32           | 22.46            | 25.26           | 33.00            |
|             |            | 3       | 3         | 22.34            | 25.14           | 22.36            | 25.16           | 22.65            | 25.45           | 33.00            |
|             |            | 6       | 0         | 21.12            | 23.92           | 21.12            | 23.92           | 21.05            | 23.85           | 33.00            |
|             | 64QAM      | 1       | 0         | 21.56            | 24.36           | 21.46            | 24.26           | 21.44            | 24.24           | 33.00            |
|             |            | 1       | 2         | 21.37            | 24.17           | 21.45            | 24.25           | 21.42            | 24.22           | 33.00            |
|             |            | 1       | 5         | 21.41            | 24.21           | 21.47            | 24.27           | 21.35            | 24.15           | 33.00            |
|             |            | 3       | 0         | 21.38            | 24.18           | 21.40            | 24.20           | 21.41            | 24.21           | 33.00            |
|             |            | 3       | 2         | 21.46            | 24.26           | 21.42            | 24.22           | 21.47            | 24.27           | 33.00            |
|             |            | 3       | 3         | 21.54            | 24.34           | 21.48            | 24.28           | 21.37            | 24.17           | 33.00            |
|             |            | 6       | 0         | 20.10            | 22.90           | 20.12            | 22.92           | 20.27            | 23.07           | 33.00            |
| Bandwidth   | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|             |            |         |           | Power(dBm) 26055 | EIRP(dBm) 26055 | Power(dBm) 26365 | EIRP(dBm) 26365 | Power(dBm) 26675 | EIRP(dBm) 26675 |                  |
| 3MHz        | QPSK       | 1       | 0         | 23.25            | 26.05           | 23.49            | 26.29           | 23.27            | 26.07           | 33.00            |
|             |            | 1       | 7         | 23.10            | 25.90           | 23.19            | 25.99           | 23.07            | 25.87           | 33.00            |
|             |            | 1       | 14        | 23.05            | 25.85           | 23.27            | 26.07           | 23.20            | 26.00           | 33.00            |
|             |            | 8       | 0         | 22.10            | 24.90           | 22.24            | 25.04           | 22.16            | 24.96           | 33.00            |
|             |            | 8       | 4         | 22.28            | 25.08           | 22.37            | 25.17           | 22.35            | 25.15           | 33.00            |
|             |            | 8       | 7         | 22.03            | 24.83           | 22.05            | 24.85           | 22.04            | 24.84           | 33.00            |
|             |            | 15      | 0         | 21.97            | 24.77           | 22.04            | 24.84           | 22.17            | 24.97           | 33.00            |
|             | 16QAM      | 1       | 0         | 22.45            | 25.25           | 22.57            | 25.37           | 22.54            | 25.34           | 33.00            |
|             |            | 1       | 7         | 22.57            | 25.37           | 22.54            | 25.34           | 22.46            | 25.26           | 33.00            |
|             |            | 1       | 14        | 22.40            | 25.20           | 22.36            | 25.16           | 22.64            | 25.44           | 33.00            |
|             |            | 8       | 0         | 21.17            | 23.97           | 21.21            | 24.01           | 21.19            | 23.99           | 33.00            |
|             |            | 8       | 4         | 21.21            | 24.01           | 21.42            | 24.22           | 21.26            | 24.06           | 33.00            |
|             |            | 8       | 7         | 20.96            | 23.76           | 21.17            | 23.97           | 21.08            | 23.88           | 33.00            |
|             |            | 15      | 0         | 20.97            | 23.77           | 21.14            | 23.94           | 21.22            | 24.02           | 33.00            |
|             | 64QAM      | 1       | 0         | 21.38            | 24.18           | 21.40            | 24.20           | 21.56            | 24.36           | 33.00            |
|             |            | 1       | 7         | 21.36            | 24.16           | 21.45            | 24.25           | 21.48            | 24.28           | 33.00            |
|             |            | 1       | 14        | 21.50            | 24.30           | 21.59            | 24.39           | 21.38            | 24.18           | 33.00            |
|             |            | 8       | 0         | 20.10            | 22.90           | 20.26            | 23.06           | 20.15            | 22.95           | 33.00            |
|             |            | 8       | 4         | 20.32            | 23.12           | 20.47            | 23.27           | 20.25            | 23.05           | 33.00            |
|             |            | 8       | 7         | 20.16            | 22.96           | 20.06            | 22.86           | 20.15            | 22.95           | 33.00            |
|             |            | 15      | 0         | 20.05            | 22.85           | 20.21            | 23.01           | 20.10            | 22.90           | 33.00            |

| Bandwidth | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|-----------|------------|---------|-----------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
|           |            |         |           | Power(dBm) 26065 | EIRP(dBm) 26065 | Power(dBm) 26365 | EIRP(dBm) 26365 | Power(dBm) 26665 | EIRP(dBm) 26665 |                  |
| 5MHz      | QPSK       | 1       | 0         | 23.21            | 26.01           | 23.36            | 26.16           | 23.25            | 26.05           | 33.00            |
|           |            | 1       | 13        | 23.13            | 25.93           | 23.20            | 26.00           | 23.21            | 26.01           | 33.00            |
|           |            | 1       | 24        | 23.10            | 25.90           | 23.26            | 26.06           | 23.24            | 26.04           | 33.00            |
|           |            | 12      | 0         | 22.05            | 24.85           | 22.26            | 25.06           | 22.15            | 24.95           | 33.00            |
|           |            | 12      | 6         | 22.21            | 25.01           | 22.33            | 25.13           | 22.37            | 25.17           | 33.00            |
|           |            | 12      | 13        | 21.91            | 24.71           | 22.06            | 24.86           | 22.13            | 24.93           | 33.00            |
|           |            | 25      | 0         | 22.10            | 24.90           | 22.11            | 24.91           | 22.23            | 25.03           | 33.00            |
|           | 16QAM      | 1       | 0         | 22.56            | 25.36           | 22.51            | 25.31           | 22.56            | 25.36           | 33.00            |
|           |            | 1       | 13        | 22.54            | 25.34           | 22.48            | 25.28           | 22.42            | 25.22           | 33.00            |
|           |            | 1       | 24        | 22.46            | 25.26           | 22.35            | 25.15           | 22.54            | 25.34           | 33.00            |
|           |            | 12      | 0         | 21.22            | 24.02           | 21.16            | 23.96           | 21.19            | 23.99           | 33.00            |
|           |            | 12      | 6         | 21.30            | 24.10           | 21.31            | 24.11           | 21.40            | 24.20           | 33.00            |
|           |            | 12      | 13        | 21.09            | 23.89           | 21.03            | 23.83           | 21.13            | 23.93           | 33.00            |
|           |            | 25      | 0         | 21.05            | 23.85           | 21.05            | 23.85           | 21.19            | 23.99           | 33.00            |
|           | 64QAM      | 1       | 0         | 21.38            | 24.18           | 21.35            | 24.15           | 21.48            | 24.28           | 33.00            |
|           |            | 1       | 13        | 21.37            | 24.17           | 21.48            | 24.28           | 21.46            | 24.26           | 33.00            |
|           |            | 1       | 24        | 21.47            | 24.27           | 21.60            | 24.40           | 21.35            | 24.15           | 33.00            |
|           |            | 12      | 0         | 20.01            | 22.81           | 20.15            | 22.95           | 20.22            | 23.02           | 33.00            |
|           |            | 12      | 6         | 20.28            | 23.08           | 20.41            | 23.21           | 20.24            | 23.04           | 33.00            |
|           |            | 12      | 13        | 20.13            | 22.93           | 20.07            | 22.87           | 20.11            | 22.91           | 33.00            |
|           |            | 25      | 0         | 20.00            | 22.80           | 20.10            | 22.90           | 20.18            | 22.98           | 33.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm) 26090 | EIRP(dBm) 26090 | Power(dBm) 26365 | EIRP(dBm) 26365 | Power(dBm) 26640 | EIRP(dBm) 26640 |                  |
| 10MHz     | QPSK       | 1       | 0         | 23.12            | 25.92           | 23.46            | 26.26           | 23.25            | 26.05           | 33.00            |
|           |            | 1       | 25        | 23.13            | 25.93           | 23.21            | 26.01           | 23.11            | 25.91           | 33.00            |
|           |            | 1       | 49        | 23.15            | 25.95           | 23.16            | 25.96           | 23.13            | 25.93           | 33.00            |
|           |            | 25      | 0         | 22.14            | 24.94           | 22.15            | 24.95           | 22.07            | 24.87           | 33.00            |
|           |            | 25      | 13        | 22.16            | 24.96           | 22.38            | 25.18           | 22.30            | 25.10           | 33.00            |
|           |            | 25      | 25        | 21.91            | 24.71           | 22.17            | 24.97           | 22.03            | 24.83           | 33.00            |
|           |            | 50      | 0         | 22.03            | 24.83           | 22.12            | 24.92           | 22.19            | 24.99           | 33.00            |
|           | 16QAM      | 1       | 0         | 22.55            | 25.35           | 22.52            | 25.32           | 22.65            | 25.45           | 33.00            |
|           |            | 1       | 25        | 22.57            | 25.37           | 22.41            | 25.21           | 22.41            | 25.21           | 33.00            |
|           |            | 1       | 49        | 22.36            | 25.16           | 22.49            | 25.29           | 22.63            | 25.43           | 33.00            |
|           |            | 25      | 0         | 21.14            | 23.94           | 21.22            | 24.02           | 21.29            | 24.09           | 33.00            |
|           |            | 25      | 13        | 21.30            | 24.10           | 21.32            | 24.12           | 21.33            | 24.13           | 33.00            |
|           |            | 25      | 25        | 20.97            | 23.77           | 21.01            | 23.81           | 21.13            | 23.93           | 33.00            |
|           |            | 50      | 0         | 21.06            | 23.86           | 21.13            | 23.93           | 21.09            | 23.89           | 33.00            |
|           | 64QAM      | 1       | 0         | 21.50            | 24.30           | 21.49            | 24.29           | 21.54            | 24.34           | 33.00            |
|           |            | 1       | 25        | 21.35            | 24.15           | 21.43            | 24.23           | 21.42            | 24.22           | 33.00            |
|           |            | 1       | 49        | 21.41            | 24.21           | 21.50            | 24.30           | 21.45            | 24.25           | 33.00            |
|           |            | 25      | 0         | 20.11            | 22.91           | 20.24            | 23.04           | 20.15            | 22.95           | 33.00            |
|           |            | 25      | 13        | 20.20            | 23.00           | 20.43            | 23.23           | 20.27            | 23.07           | 33.00            |
|           |            | 25      | 25        | 20.07            | 22.87           | 20.12            | 22.92           | 20.13            | 22.93           | 33.00            |
|           |            | 50      | 0         | 19.95            | 22.75           | 20.24            | 23.04           | 20.10            | 22.90           | 33.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm) 26115 | EIRP(dBm) 26115 | Power(dBm) 26365 | EIRP(dBm) 26365 | Power(dBm) 26615 | EIRP(dBm) 26615 |                  |
| 15MHz     | QPSK       | 1       | 0         | 23.22            | 26.02           | 23.40            | 26.20           | 23.12            | 25.92           | 33.00            |

|           |            | 1       | 38        | 23.14               | 25.94              | 23.19               | 25.99              | 23.11               | 25.91              | 33.00            |
|-----------|------------|---------|-----------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|------------------|
|           |            | 1       | 74        | 23.19               | 25.99              | 23.21               | 26.01              | 23.23               | 26.03              | 33.00            |
|           |            | 36      | 0         | 22.15               | 24.95              | 22.16               | 24.96              | 22.07               | 24.87              | 33.00            |
|           |            | 36      | 18        | 22.22               | 25.02              | 22.32               | 25.12              | 22.26               | 25.06              | 33.00            |
|           |            | 36      | 39        | 21.93               | 24.73              | 22.16               | 24.96              | 22.07               | 24.87              | 33.00            |
|           |            | 75      | 0         | 22.02               | 24.82              | 22.10               | 24.90              | 22.07               | 24.87              | 33.00            |
|           |            | 75      | 0         | 22.02               | 24.82              | 22.10               | 24.90              | 22.07               | 24.87              | 33.00            |
|           | 16QAM      | 1       | 0         | 22.48               | 25.28              | 22.49               | 25.29              | 22.68               | 25.48              | 33.00            |
|           |            | 1       | 38        | 22.49               | 25.29              | 22.58               | 25.38              | 22.44               | 25.24              | 33.00            |
|           |            | 1       | 74        | 22.50               | 25.30              | 22.48               | 25.28              | 22.53               | 25.33              | 33.00            |
|           |            | 36      | 0         | 21.23               | 24.03              | 21.10               | 23.90              | 21.33               | 24.13              | 33.00            |
|           |            | 36      | 18        | 21.32               | 24.12              | 21.33               | 24.13              | 21.40               | 24.20              | 33.00            |
|           |            | 36      | 39        | 20.95               | 23.75              | 21.07               | 23.87              | 21.12               | 23.92              | 33.00            |
|           |            | 75      | 0         | 21.03               | 23.83              | 21.14               | 23.94              | 21.20               | 24.00              | 33.00            |
|           | 64QAM      | 1       | 0         | 21.38               | 24.18              | 21.40               | 24.20              | 21.41               | 24.21              | 33.00            |
|           |            | 1       | 38        | 21.41               | 24.21              | 21.49               | 24.29              | 21.35               | 24.15              | 33.00            |
|           |            | 1       | 74        | 21.42               | 24.22              | 21.55               | 24.35              | 21.45               | 24.25              | 33.00            |
|           |            | 36      | 0         | 20.09               | 22.89              | 20.27               | 23.07              | 20.17               | 22.97              | 33.00            |
|           |            | 36      | 18        | 20.16               | 22.96              | 20.39               | 23.19              | 20.36               | 23.16              | 33.00            |
|           |            | 36      | 39        | 20.05               | 22.85              | 20.13               | 22.93              | 20.08               | 22.88              | 33.00            |
|           |            | 75      | 0         | 19.97               | 22.77              | 20.24               | 23.04              | 20.21               | 23.01              | 33.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel             |                    | Channel             |                    | Channel             |                    | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm)<br>26140 | EIRP(dBm)<br>26140 | Power(dBm)<br>26365 | EIRP(dBm)<br>26365 | Power(dBm)<br>26590 | EIRP(dBm)<br>26590 |                  |
| 20MHz     | QPSK       | 1       | 0         | <b>23.25</b>        | 26.05              | <b>23.48</b>        | 26.28              | <b>23.26</b>        | 26.06              | 33.00            |
|           |            | 1       | 50        | 23.15               | 25.95              | 23.29               | 26.09              | 23.21               | 26.01              | 33.00            |
|           |            | 1       | 99        | 23.20               | 26.00              | 23.24               | 26.04              | 23.22               | 26.02              | 33.00            |
|           |            | 50      | 0         | 22.18               | 24.98              | 22.24               | 25.04              | 22.21               | 25.01              | 33.00            |
|           |            | 50      | 25        | 22.27               | 25.07              | <b>22.42</b>        | 25.22              | 22.37               | 25.17              | 33.00            |
|           |            | 50      | 50        | 22.06               | 24.86              | 22.18               | 24.98              | 22.14               | 24.94              | 33.00            |
|           |            | 100     | 0         | 22.09               | 24.89              | 22.19               | 24.99              | 22.21               | 25.01              | 33.00            |
|           | 16QAM      | 1       | 0         | 22.53               | 25.33              | 22.62               | 25.42              | 22.68               | 25.48              | 33.00            |
|           |            | 1       | 50        | 22.59               | 25.39              | 22.55               | 25.35              | 22.54               | 25.34              | 33.00            |
|           |            | 1       | 99        | 22.47               | 25.27              | 22.49               | 25.29              | 22.67               | 25.47              | 33.00            |
|           |            | 50      | 0         | 21.20               | 24.00              | 21.25               | 24.05              | 21.32               | 24.12              | 33.00            |
|           |            | 50      | 25        | 21.32               | 24.12              | 21.39               | 24.19              | 21.41               | 24.21              | 33.00            |
|           |            | 50      | 50        | 21.08               | 23.88              | 21.14               | 23.94              | 21.18               | 23.98              | 33.00            |
|           |            | 100     | 0         | 21.12               | 23.92              | 21.18               | 23.98              | 21.20               | 24.00              | 33.00            |
|           | 64QAM      | 1       | 0         | 21.53               | 24.33              | 21.48               | 24.28              | 21.56               | 24.36              | 33.00            |
|           |            | 1       | 50        | 21.48               | 24.28              | 21.50               | 24.30              | 21.48               | 24.28              | 33.00            |
|           |            | 1       | 99        | 21.56               | 24.36              | 21.58               | 24.38              | 21.49               | 24.29              | 33.00            |
|           |            | 50      | 0         | 20.16               | 22.96              | 20.28               | 23.08              | 20.29               | 23.09              | 33.00            |
|           |            | 50      | 25        | 20.30               | 23.10              | 20.44               | 23.24              | 20.37               | 23.17              | 33.00            |
|           |            | 50      | 50        | 20.13               | 22.93              | 20.16               | 22.96              | 20.14               | 22.94              | 33.00            |
|           |            | 100     | 0         | 20.10               | 22.90              | 20.22               | 23.02              | 20.25               | 23.05              | 33.00            |

## Test Result for LTE Band 26

Ant1:

| LTE Band 26(824-849) |            |         |           |                  |                |                  |                |                  |                |                 |
|----------------------|------------|---------|-----------|------------------|----------------|------------------|----------------|------------------|----------------|-----------------|
| Bandwidth            | Modulation | RB size | RB offset | Channel          |                | Channel          |                | Channel          |                | ERP Limit (dBm) |
|                      |            |         |           | Power(dBm) 26797 | ERP(dBm) 26797 | Power(dBm) 26915 | ERP(dBm) 26915 | Power(dBm) 27033 | ERP(dBm) 27033 |                 |
| 1.4MHz               | QPSK       | 1       | 0         | 23.27            | 16.46          | 23.30            | 16.49          | 23.27            | 16.46          | 38.45           |
|                      |            | 1       | 2         | 23.19            | 16.38          | 23.31            | 16.50          | 23.18            | 16.37          | 38.45           |
|                      |            | 1       | 5         | 23.35            | 16.54          | 23.23            | 16.42          | 22.99            | 16.18          | 38.45           |
|                      |            | 3       | 0         | 23.39            | 16.58          | 23.36            | 16.55          | 23.30            | 16.49          | 38.45           |
|                      |            | 3       | 2         | 23.31            | 16.50          | 23.31            | 16.50          | 23.30            | 16.49          | 38.45           |
|                      |            | 3       | 3         | 23.37            | 16.56          | 23.11            | 16.30          | 23.09            | 16.28          | 38.45           |
|                      |            | 6       | 0         | 22.20            | 15.39          | 22.33            | 15.52          | 22.15            | 15.34          | 38.45           |
|                      | 16QAM      | 1       | 0         | 22.49            | 15.68          | 22.47            | 15.66          | 22.47            | 15.66          | 38.45           |
|                      |            | 1       | 2         | 22.81            | 16.00          | 22.57            | 15.76          | 22.65            | 15.84          | 38.45           |
|                      |            | 1       | 5         | 22.39            | 15.58          | 22.80            | 15.99          | 22.35            | 15.54          | 38.45           |
|                      |            | 3       | 0         | 22.48            | 15.67          | 22.44            | 15.63          | 22.62            | 15.81          | 38.45           |
|                      |            | 3       | 2         | 22.52            | 15.71          | 22.46            | 15.65          | 22.59            | 15.78          | 38.45           |
|                      |            | 3       | 3         | 22.42            | 15.61          | 22.77            | 15.96          | 22.29            | 15.48          | 38.45           |
|                      |            | 6       | 0         | 21.10            | 14.29          | 21.27            | 14.46          | 21.09            | 14.28          | 38.45           |
|                      | 64QAM      | 1       | 0         | 21.63            | 14.82          | 21.54            | 14.73          | 21.44            | 14.63          | 38.45           |
|                      |            | 1       | 2         | 21.70            | 14.89          | 21.47            | 14.66          | 21.33            | 14.52          | 38.45           |
|                      |            | 1       | 5         | 21.58            | 14.77          | 21.48            | 14.67          | 21.13            | 14.32          | 38.45           |
|                      |            | 3       | 0         | 21.59            | 14.78          | 21.58            | 14.77          | 21.59            | 14.78          | 38.45           |
|                      |            | 3       | 2         | 21.52            | 14.71          | 21.60            | 14.79          | 21.40            | 14.59          | 38.45           |
|                      |            | 3       | 3         | 21.41            | 14.60          | 21.51            | 14.70          | 21.21            | 14.40          | 38.45           |
|                      |            | 6       | 0         | 20.17            | 13.36          | 20.23            | 13.42          | 20.22            | 13.41          | 38.45           |
| Bandwidth            | Modulation | RB size | RB offset | Channel          |                | Channel          |                | Channel          |                | ERP Limit (dBm) |
|                      |            |         |           | Power(dBm) 26805 | ERP(dBm) 26805 | Power(dBm) 26915 | ERP(dBm) 26915 | Power(dBm) 27025 | ERP(dBm) 27025 |                 |
| 3MHz                 | QPSK       | 1       | 0         | 23.36            | 16.55          | 23.31            | 16.50          | 23.31            | 16.50          | 38.45           |
|                      |            | 1       | 7         | 23.22            | 16.41          | 23.37            | 16.56          | 23.19            | 16.38          | 38.45           |
|                      |            | 1       | 14        | 23.29            | 16.48          | 23.31            | 16.50          | 23.19            | 16.38          | 38.45           |
|                      |            | 8       | 0         | 22.18            | 15.37          | 22.13            | 15.32          | 22.37            | 15.56          | 38.45           |
|                      |            | 8       | 4         | 22.36            | 15.55          | 22.37            | 15.56          | 22.41            | 15.60          | 38.45           |
|                      |            | 8       | 7         | 22.04            | 15.23          | 22.19            | 15.38          | 22.13            | 15.32          | 38.45           |
|                      |            | 15      | 0         | 22.23            | 15.42          | 22.17            | 15.36          | 22.29            | 15.48          | 38.45           |
|                      | 16QAM      | 1       | 0         | 22.36            | 15.55          | 22.52            | 15.71          | 22.63            | 15.82          | 38.45           |
|                      |            | 1       | 7         | 22.47            | 15.66          | 22.50            | 15.69          | 22.56            | 15.75          | 38.45           |
|                      |            | 1       | 14        | 22.42            | 15.61          | 22.80            | 15.99          | 22.40            | 15.59          | 38.45           |
|                      |            | 8       | 0         | 21.22            | 14.41          | 21.47            | 14.66          | 21.17            | 14.36          | 38.45           |
|                      |            | 8       | 4         | 21.26            | 14.45          | 21.30            | 14.49          | 21.27            | 14.46          | 38.45           |
|                      |            | 8       | 7         | 21.17            | 14.36          | 21.03            | 14.22          | 21.16            | 14.35          | 38.45           |
|                      |            | 15      | 0         | 21.14            | 14.33          | 21.25            | 14.44          | 21.18            | 14.37          | 38.45           |
|                      | 64QAM      | 1       | 0         | 21.71            | 14.90          | 21.49            | 14.68          | 21.61            | 14.80          | 38.45           |
|                      |            | 1       | 7         | 21.54            | 14.73          | 21.54            | 14.73          | 21.33            | 14.52          | 38.45           |
|                      |            | 1       | 14        | 21.45            | 14.64          | 21.35            | 14.54          | 21.24            | 14.43          | 38.45           |
|                      |            | 8       | 0         | 20.19            | 13.38          | 20.32            | 13.51          | 20.33            | 13.52          | 38.45           |
|                      |            | 8       | 4         | 20.25            | 13.44          | 20.38            | 13.57          | 20.26            | 13.45          | 38.45           |
|                      |            | 8       | 7         | 20.17            | 13.36          | 20.20            | 13.39          | 20.04            | 13.23          | 38.45           |
|                      |            | 15      | 0         | 20.12            | 13.31          | 20.17            | 13.36          | 20.38            | 13.57          | 38.45           |

| Bandwidth | Modulation | RB size | RB offset | Channel             |                   | Channel             |                   | Channel             |                   | ERP Limit (dBm) |
|-----------|------------|---------|-----------|---------------------|-------------------|---------------------|-------------------|---------------------|-------------------|-----------------|
|           |            |         |           | Power(dBm)<br>26815 | ERP(dBm)<br>26815 | Power(dBm)<br>26815 | ERP(dBm)<br>26815 | Power(dBm)<br>26815 | ERP(dBm)<br>26815 |                 |
| 5MHz      | QPSK       | 1       | 0         | 23.37               | 16.56             | 23.21               | 16.40             | 23.36               | 16.55             | 38.45           |
|           |            | 1       | 13        | 23.15               | 16.34             | 23.22               | 16.41             | 23.23               | 16.42             | 38.45           |
|           |            | 1       | 24        | 23.37               | 16.56             | 23.24               | 16.43             | 23.13               | 16.32             | 38.45           |
|           |            | 12      | 0         | 22.18               | 15.37             | 22.16               | 15.35             | 22.30               | 15.49             | 38.45           |
|           |            | 12      | 6         | 22.32               | 15.51             | 22.35               | 15.54             | 22.37               | 15.56             | 38.45           |
|           |            | 12      | 13        | 22.08               | 15.27             | 22.12               | 15.31             | 22.32               | 15.51             | 38.45           |
|           |            | 25      | 0         | 22.20               | 15.39             | 22.11               | 15.30             | 22.05               | 15.24             | 38.45           |
|           | 16QAM      | 1       | 0         | 22.32               | 15.51             | 22.45               | 15.64             | 22.49               | 15.68             | 38.45           |
|           |            | 1       | 13        | 22.47               | 15.66             | 22.50               | 15.69             | 22.42               | 15.61             | 38.45           |
|           |            | 1       | 24        | 22.35               | 15.54             | 22.75               | 15.94             | 22.34               | 15.53             | 38.45           |
|           |            | 12      | 0         | 21.29               | 14.48             | 21.42               | 14.61             | 21.32               | 14.51             | 38.45           |
|           |            | 12      | 6         | 21.39               | 14.58             | 21.38               | 14.57             | 21.27               | 14.46             | 38.45           |
|           |            | 12      | 13        | 21.20               | 14.39             | 21.12               | 14.31             | 21.12               | 14.31             | 38.45           |
|           |            | 25      | 0         | 21.32               | 14.51             | 21.32               | 14.51             | 21.14               | 14.33             | 38.45           |
|           | 64QAM      | 1       | 0         | 21.65               | 14.84             | 21.74               | 14.93             | 21.48               | 14.67             | 38.45           |
|           |            | 1       | 13        | 21.62               | 14.81             | 21.60               | 14.79             | 21.31               | 14.50             | 38.45           |
|           |            | 1       | 24        | 21.39               | 14.58             | 21.49               | 14.68             | 21.32               | 14.51             | 38.45           |
|           |            | 12      | 0         | 20.26               | 13.45             | 20.28               | 13.47             | 20.27               | 13.46             | 38.45           |
|           |            | 12      | 6         | 20.34               | 13.53             | 20.23               | 13.42             | 20.38               | 13.57             | 38.45           |
|           |            | 12      | 13        | 20.16               | 13.35             | 20.08               | 13.27             | 20.07               | 13.26             | 38.45           |
|           |            | 25      | 0         | 20.20               | 13.39             | 20.17               | 13.36             | 20.21               | 13.40             | 38.45           |
| Bandwidth | Modulation | RB size | RB offset | Channel             |                   | Channel             |                   | Channel             |                   | ERP Limit (dBm) |
|           |            |         |           | Power(dBm)<br>26815 | ERP(dBm)<br>26815 | Power(dBm)<br>26815 | ERP(dBm)<br>26815 | Power(dBm)<br>26990 | ERP(dBm)<br>26990 |                 |
| 10MHz     | QPSK       | 1       | 0         | 23.38               | 16.57             | 23.35               | 16.54             | 23.27               | 16.46             | 38.45           |
|           |            | 1       | 25        | 23.36               | 16.55             | 23.18               | 16.37             | 23.34               | 16.53             | 38.45           |
|           |            | 1       | 49        | 23.27               | 16.46             | 23.35               | 16.54             | 23.25               | 16.44             | 38.45           |
|           |            | 25      | 0         | 22.31               | 15.50             | 22.27               | 15.46             | 22.19               | 15.38             | 38.45           |
|           |            | 25      | 13        | 22.45               | 15.64             | 22.19               | 15.38             | 22.26               | 15.45             | 38.45           |
|           |            | 25      | 25        | 22.08               | 15.27             | 22.09               | 15.28             | 22.11               | 15.30             | 38.45           |
|           |            | 50      | 0         | 22.16               | 15.35             | 22.12               | 15.31             | 22.08               | 15.27             | 38.45           |
|           | 16QAM      | 1       | 0         | 22.36               | 15.55             | 22.52               | 15.71             | 22.62               | 15.81             | 38.45           |
|           |            | 1       | 25        | 22.60               | 15.79             | 22.52               | 15.71             | 22.46               | 15.65             | 38.45           |
|           |            | 1       | 49        | 22.40               | 15.59             | 22.81               | 16.00             | 22.17               | 15.36             | 38.45           |
|           |            | 25      | 0         | 21.16               | 14.35             | 21.39               | 14.58             | 21.19               | 14.38             | 38.45           |
|           |            | 25      | 13        | 21.29               | 14.48             | 21.38               | 14.57             | 21.18               | 14.37             | 38.45           |
|           |            | 25      | 25        | 21.11               | 14.30             | 21.06               | 14.25             | 21.18               | 14.37             | 38.45           |
|           |            | 50      | 0         | 21.08               | 14.27             | 21.22               | 14.41             | 21.15               | 14.34             | 38.45           |
|           | 64QAM      | 1       | 0         | 21.63               | 14.82             | 21.72               | 14.91             | 21.42               | 14.61             | 38.45           |
|           |            | 1       | 25        | 21.45               | 14.64             | 21.48               | 14.67             | 21.33               | 14.52             | 38.45           |
|           |            | 1       | 49        | 21.36               | 14.55             | 21.38               | 14.57             | 21.19               | 14.38             | 38.45           |
|           |            | 25      | 0         | 20.33               | 13.52             | 20.17               | 13.36             | 20.28               | 13.47             | 38.45           |
|           |            | 25      | 13        | 20.33               | 13.52             | 20.40               | 13.59             | 20.31               | 13.50             | 38.45           |
|           |            | 25      | 25        | 20.10               | 13.29             | 20.14               | 13.33             | 20.19               | 13.38             | 38.45           |
|           |            | 50      | 0         | 20.29               | 13.48             | 20.19               | 13.38             | 20.32               | 13.51             | 38.45           |
| Bandwidth | Modulation | RB size | RB offset | Channel             |                   | Channel             |                   | Channel             |                   | ERP Limit (dBm) |
|           |            |         |           | Power(dBm)<br>26865 | ERP(dBm)<br>26865 | Power(dBm)<br>26915 | ERP(dBm)<br>26915 | Power(dBm)<br>26965 | ERP(dBm)<br>26965 |                 |
| 15MHz     | QPSK       | 1       | 0         | 23.44               | 16.63             | 23.38               | 16.57             | 23.25               | 16.44             | 38.45           |

|  |       |    |    |              |       |       |       |       |       |       |
|--|-------|----|----|--------------|-------|-------|-------|-------|-------|-------|
|  |       | 1  | 38 | 23.36        | 16.55 | 23.37 | 16.56 | 23.26 | 16.45 | 38.45 |
|  |       | 1  | 74 | 23.30        | 16.49 | 23.32 | 16.51 | 23.21 | 16.40 | 38.45 |
|  |       | 36 | 0  | 22.29        | 15.48 | 22.25 | 15.44 | 22.25 | 15.44 | 38.45 |
|  |       | 36 | 18 | <b>22.39</b> | 15.58 | 22.35 | 15.54 | 22.39 | 15.58 | 38.45 |
|  |       | 36 | 39 | 22.12        | 15.31 | 22.06 | 15.25 | 22.27 | 15.46 | 38.45 |
|  |       | 75 | 0  | 22.17        | 15.36 | 22.20 | 15.39 | 22.26 | 15.45 | 38.45 |
|  |       | 75 | 0  | 22.17        | 15.36 | 22.20 | 15.39 | 22.26 | 15.45 | 38.45 |
|  | 16QAM | 1  | 0  | 22.41        | 15.60 | 22.51 | 15.70 | 22.71 | 15.90 | 38.45 |
|  |       | 1  | 38 | 22.63        | 15.82 | 22.56 | 15.75 | 22.60 | 15.79 | 38.45 |
|  |       | 1  | 74 | 22.46        | 15.65 | 22.80 | 15.99 | 22.37 | 15.56 | 38.45 |
|  |       | 36 | 0  | 21.26        | 14.45 | 21.35 | 14.54 | 21.35 | 14.54 | 38.45 |
|  |       | 36 | 18 | 21.31        | 14.50 | 21.31 | 14.50 | 21.36 | 14.55 | 38.45 |
|  |       | 36 | 39 | 21.18        | 14.37 | 21.10 | 14.29 | 21.14 | 14.33 | 38.45 |
|  |       | 75 | 0  | 21.16        | 14.35 | 21.36 | 14.55 | 21.17 | 14.36 | 38.45 |
|  | 64QAM | 1  | 0  | 21.56        | 14.75 | 21.63 | 14.82 | 21.54 | 14.73 | 38.45 |
|  |       | 1  | 38 | 21.60        | 14.79 | 21.50 | 14.69 | 21.42 | 14.61 | 38.45 |
|  |       | 1  | 74 | 21.53        | 14.72 | 21.52 | 14.71 | 21.32 | 14.51 | 38.45 |
|  |       | 36 | 0  | 20.31        | 13.50 | 20.39 | 13.58 | 20.35 | 13.54 | 38.45 |
|  |       | 36 | 18 | 20.44        | 13.63 | 20.49 | 13.68 | 20.31 | 13.50 | 38.45 |
|  |       | 36 | 39 | 20.33        | 13.52 | 20.20 | 13.39 | 20.24 | 13.43 | 38.45 |
|  |       | 75 | 0  | 20.21        | 13.40 | 20.21 | 13.40 | 20.25 | 13.44 | 38.45 |

## Test Result for LTE Band 30

Ant2:

| LTE Band 30 |            |         |           |                  |                 |                  |                 |                  |                 |                  |
|-------------|------------|---------|-----------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| Bandwidth   | Modulation | RB size | RB offset | Channel          |                 | Channel          |                 | Channel          |                 | EIRP Limit (dBm) |
|             |            |         |           | Power(dBm) 27685 | EIRP(dBm) 27685 | Power(dBm) 27710 | EIRP(dBm) 27710 | Power(dBm) 27735 | EIRP(dBm) 27735 |                  |
| 5MHz        | QPSK       | 1       | 0         | 22.68            | 23.57           | 22.65            | 23.54           | 22.53            | 23.42           | 23.98            |
|             |            | 1       | 13        | 22.70            | 23.59           | 22.60            | 23.49           | 22.61            | 23.50           | 23.98            |
|             |            | 1       | 24        | 22.69            | 23.58           | 22.63            | 23.52           | 22.61            | 23.50           | 23.98            |
|             |            | 12      | 0         | 21.67            | 22.56           | 21.62            | 22.51           | 21.67            | 22.56           | 23.98            |
|             |            | 12      | 6         | 21.72            | 22.61           | 21.60            | 22.49           | 21.77            | 22.66           | 23.98            |
|             |            | 12      | 13        | 21.58            | 22.47           | 21.66            | 22.55           | 21.73            | 22.62           | 23.98            |
|             |            | 25      | 0         | 21.66            | 22.55           | 21.61            | 22.50           | 21.78            | 22.67           | 23.98            |
|             | 16QAM      | 1       | 0         | 21.78            | 22.67           | 21.78            | 22.67           | 21.79            | 22.68           | 23.98            |
|             |            | 1       | 13        | 21.95            | 22.84           | 21.81            | 22.70           | 21.90            | 22.79           | 23.98            |
|             |            | 1       | 24        | 21.92            | 22.81           | 21.84            | 22.73           | 21.98            | 22.87           | 23.98            |
|             |            | 12      | 0         | 20.79            | 21.68           | 20.79            | 21.68           | 20.78            | 21.67           | 23.98            |
|             |            | 12      | 6         | 20.79            | 21.68           | 20.68            | 21.57           | 20.63            | 21.52           | 23.98            |
|             |            | 12      | 13        | 20.66            | 21.55           | 20.68            | 21.57           | 20.68            | 21.57           | 23.98            |
|             |            | 25      | 0         | 20.81            | 21.70           | 20.72            | 21.61           | 20.71            | 21.60           | 23.98            |
|             | 64QAM      | 1       | 0         | 21.03            | 21.92           | 20.99            | 21.88           | 21.02            | 21.91           | 23.98            |
|             |            | 1       | 13        | 20.78            | 21.67           | 20.80            | 21.69           | 20.78            | 21.67           | 23.98            |
|             |            | 1       | 24        | 20.85            | 21.74           | 20.74            | 21.63           | 20.77            | 21.66           | 23.98            |
|             |            | 12      | 0         | 19.62            | 20.51           | 19.64            | 20.53           | 19.62            | 20.51           | 23.98            |
|             |            | 12      | 6         | 19.72            | 20.61           | 19.81            | 20.70           | 19.81            | 20.70           | 23.98            |
|             |            | 12      | 13        | 19.72            | 20.61           | 19.75            | 20.64           | 19.62            | 20.51           | 23.98            |
|             |            | 25      | 0         | 19.74            | 20.63           | 19.69            | 20.58           | 19.77            | 20.66           | 23.98            |
| Bandwidth   | Modulation | RB size | RB offset | /                | /               | Channel          |                 | /                | /               | EIRP Limit (dBm) |
|             |            |         |           | /                | /               | Power(dBm) 27710 | EIRP(dBm) 27710 | /                | /               |                  |
| 10MHz       | QPSK       | 1       | 0         | /                | /               | 22.65            | 23.54           | /                | /               | 23.98            |
|             |            | 1       | 25        | /                | /               | 22.71            | 23.60           | /                | /               | 23.98            |
|             |            | 1       | 49        | /                | /               | 22.67            | 23.56           | /                | /               | 23.98            |
|             |            | 25      | 0         | /                | /               | 21.71            | 22.60           | /                | /               | 23.98            |
|             |            | 25      | 13        | /                | /               | 21.74            | 22.63           | /                | /               | 23.98            |
|             |            | 25      | 25        | /                | /               | 21.72            | 22.61           | /                | /               | 23.98            |
|             |            | 50      | 0         | /                | /               | 21.75            | 22.64           | /                | /               | 23.98            |
|             | 16QAM      | 1       | 0         | /                | /               | 21.85            | 22.74           | /                | /               | 23.98            |
|             |            | 1       | 25        | /                | /               | 21.96            | 22.85           | /                | /               | 23.98            |
|             |            | 1       | 49        | /                | /               | 21.98            | 22.87           | /                | /               | 23.98            |
|             |            | 25      | 0         | /                | /               | 20.83            | 21.72           | /                | /               | 23.98            |
|             |            | 25      | 13        | /                | /               | 20.77            | 21.66           | /                | /               | 23.98            |
|             |            | 25      | 25        | /                | /               | 20.74            | 21.63           | /                | /               | 23.98            |
|             |            | 50      | 0         | /                | /               | 20.78            | 21.67           | /                | /               | 23.98            |
|             | 64QAM      | 1       | 0         | /                | /               | 21.06            | 21.95           | /                | /               | 23.98            |
|             |            | 1       | 25        | /                | /               | 20.92            | 21.81           | /                | /               | 23.98            |
|             |            | 1       | 49        | /                | /               | 20.85            | 21.74           | /                | /               | 23.98            |
|             |            | 25      | 0         | /                | /               | 19.77            | 20.66           | /                | /               | 23.98            |
|             |            | 25      | 13        | /                | /               | 19.82            | 20.71           | /                | /               | 23.98            |
|             |            | 25      | 25        | /                | /               | 19.76            | 20.65           | /                | /               | 23.98            |
|             |            | 50      | 0         | /                | /               | 19.81            | 20.70           | /                | /               | 23.98            |

## Test Result for LTE Band 38

Ant2:

| LTE Band 38 |            |         |           |                     |                    |                     |                    |                     |                    |                  |
|-------------|------------|---------|-----------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|------------------|
| Bandwidth   | Modulation | RB size | RB offset | Channel             |                    | Channel             |                    | Channel             |                    | EIRP Limit (dBm) |
|             |            |         |           | Power(dBm)<br>37775 | EIRP(dBm)<br>37775 | Power(dBm)<br>38000 | EIRP(dBm)<br>38000 | Power(dBm)<br>38225 | EIRP(dBm)<br>38225 |                  |
| 5MHz        | QPSK       | 1       | 0         | 23.32               | 24.19              | 23.55               | 24.42              | 23.48               | 24.35              | 33.00            |
|             |            | 1       | 13        | 23.22               | 24.09              | 23.26               | 24.13              | 23.00               | 23.87              | 33.00            |
|             |            | 1       | 24        | 23.37               | 24.24              | 22.93               | 23.80              | 22.71               | 23.58              | 33.00            |
|             |            | 12      | 0         | 22.36               | 23.23              | 22.42               | 23.29              | 22.36               | 23.23              | 33.00            |
|             |            | 12      | 6         | 22.49               | 23.36              | 22.51               | 23.38              | 22.45               | 23.32              | 33.00            |
|             |            | 12      | 13        | 22.15               | 23.02              | 22.31               | 23.18              | 22.04               | 22.91              | 33.00            |
|             |            | 25      | 0         | 22.42               | 23.29              | 22.46               | 23.33              | 22.49               | 23.36              | 33.00            |
|             | 16QAM      | 1       | 0         | 22.51               | 23.38              | 22.62               | 23.49              | 22.69               | 23.56              | 33.00            |
|             |            | 1       | 13        | 22.52               | 23.39              | 22.38               | 23.25              | 22.40               | 23.27              | 33.00            |
|             |            | 1       | 24        | 22.40               | 23.27              | 22.38               | 23.25              | 21.92               | 22.79              | 33.00            |
|             |            | 12      | 0         | 21.44               | 22.31              | 21.53               | 22.40              | 21.48               | 22.35              | 33.00            |
|             |            | 12      | 6         | 21.61               | 22.48              | 21.60               | 22.47              | 21.66               | 22.53              | 33.00            |
|             |            | 12      | 13        | 21.38               | 22.25              | 21.47               | 22.34              | 21.27               | 22.14              | 33.00            |
|             |            | 25      | 0         | 21.28               | 22.15              | 21.52               | 22.39              | 21.35               | 22.22              | 33.00            |
|             | 64QAM      | 1       | 0         | 21.13               | 22.00              | 20.97               | 21.84              | 21.21               | 22.08              | 33.00            |
|             |            | 1       | 13        | 20.85               | 21.72              | 20.56               | 21.43              | 20.24               | 21.11              | 33.00            |
|             |            | 1       | 24        | 20.67               | 21.54              | 20.21               | 21.08              | 20.18               | 21.05              | 33.00            |
|             |            | 12      | 0         | 20.39               | 21.26              | 20.28               | 21.15              | 20.20               | 21.07              | 33.00            |
|             |            | 12      | 6         | 20.62               | 21.49              | 19.99               | 20.86              | 19.91               | 20.78              | 33.00            |
|             |            | 12      | 13        | 20.23               | 21.10              | 19.83               | 20.70              | 19.64               | 20.51              | 33.00            |
|             |            | 25      | 0         | 20.33               | 21.20              | 19.80               | 20.67              | 19.81               | 20.68              | 33.00            |
| Bandwidth   | Modulation | RB size | RB offset | Channel             |                    | Channel             |                    | Channel             |                    | EIRP Limit (dBm) |
|             |            |         |           | Power(dBm)<br>37800 | EIRP(dBm)<br>37800 | Power(dBm)<br>38000 | EIRP(dBm)<br>38000 | Power(dBm)<br>38200 | EIRP(dBm)<br>38200 |                  |
| 10MHz       | QPSK       | 1       | 0         | 23.37               | 24.24              | 23.60               | 24.47              | 23.50               | 24.37              | 33.00            |
|             |            | 1       | 25        | 23.24               | 24.11              | 23.37               | 24.24              | 23.03               | 23.90              | 33.00            |
|             |            | 1       | 49        | 23.27               | 24.14              | 22.91               | 23.78              | 22.76               | 23.63              | 33.00            |
|             |            | 25      | 0         | 22.44               | 23.31              | 22.49               | 23.36              | 22.37               | 23.24              | 33.00            |
|             |            | 25      | 13        | 22.53               | 23.40              | 22.52               | 23.39              | 22.47               | 23.34              | 33.00            |
|             |            | 25      | 25        | 22.29               | 23.16              | 22.20               | 23.07              | 22.00               | 22.87              | 33.00            |
|             |            | 50      | 0         | 22.32               | 23.19              | 22.50               | 23.37              | 22.38               | 23.25              | 33.00            |
|             | 16QAM      | 1       | 0         | 22.38               | 23.25              | 22.56               | 23.43              | 22.55               | 23.42              | 33.00            |
|             |            | 1       | 25        | 22.52               | 23.39              | 22.53               | 23.40              | 22.41               | 23.28              | 33.00            |
|             |            | 1       | 49        | 22.44               | 23.31              | 22.23               | 23.10              | 22.01               | 22.88              | 33.00            |
|             |            | 25      | 0         | 21.43               | 22.30              | 21.60               | 22.47              | 21.60               | 22.47              | 33.00            |
|             |            | 25      | 13        | 21.68               | 22.55              | 21.63               | 22.50              | 21.53               | 22.40              | 33.00            |
|             |            | 25      | 25        | 21.24               | 22.11              | 21.43               | 22.30              | 21.27               | 22.14              | 33.00            |
|             |            | 50      | 0         | 21.31               | 22.18              | 21.45               | 22.32              | 21.33               | 22.20              | 33.00            |
|             | 64QAM      | 1       | 0         | 21.16               | 22.03              | 21.00               | 21.87              | 21.10               | 21.97              | 33.00            |
|             |            | 1       | 25        | 20.84               | 21.71              | 20.51               | 21.38              | 20.38               | 21.25              | 33.00            |
|             |            | 1       | 49        | 20.76               | 21.63              | 20.09               | 20.96              | 20.25               | 21.12              | 33.00            |
|             |            | 25      | 0         | 20.56               | 21.43              | 20.19               | 21.06              | 20.21               | 21.08              | 33.00            |
|             |            | 25      | 13        | 20.64               | 21.51              | 19.92               | 20.79              | 19.83               | 20.70              | 33.00            |
|             |            | 25      | 25        | 20.22               | 21.09              | 19.74               | 20.61              | 19.71               | 20.58              | 33.00            |
|             |            | 50      | 0         | 20.30               | 21.17              | 19.86               | 20.73              | 19.75               | 20.62              | 33.00            |

| Bandwidth | Modulation | RB size | RB offset | Channel             |                    | Channel             |                    | Channel             |                    | EIRP Limit (dBm) |
|-----------|------------|---------|-----------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|------------------|
|           |            |         |           | Power(dBm)<br>37825 | EIRP(dBm)<br>37825 | Power(dBm)<br>38000 | EIRP(dBm)<br>38000 | Power(dBm)<br>38175 | EIRP(dBm)<br>38175 |                  |
| 15MHz     | QPSK       | 1       | 0         | 23.33               | 24.20              | 23.56               | 24.43              | 23.41               | 24.28              | 33.00            |
|           |            | 1       | 38        | 23.25               | 24.12              | 23.34               | 24.21              | 23.05               | 23.92              | 33.00            |
|           |            | 1       | 74        | 23.29               | 24.16              | 22.89               | 23.76              | 22.59               | 23.46              | 33.00            |
|           |            | 36      | 0         | 22.31               | 23.18              | 22.56               | 23.43              | 22.34               | 23.21              | 33.00            |
|           |            | 36      | 18        | 22.60               | 23.47              | 22.45               | 23.32              | 22.48               | 23.35              | 33.00            |
|           |            | 36      | 39        | 22.33               | 23.20              | 22.35               | 23.22              | 22.13               | 23.00              | 33.00            |
|           |            | 75      | 0         | 22.27               | 23.14              | 22.43               | 23.30              | 22.48               | 23.35              | 33.00            |
|           | 16QAM      | 1       | 0         | 22.39               | 23.26              | 22.60               | 23.47              | 22.60               | 23.47              | 33.00            |
|           |            | 1       | 38        | 22.45               | 23.32              | 22.46               | 23.33              | 22.38               | 23.25              | 33.00            |
|           |            | 1       | 74        | 22.54               | 23.41              | 22.33               | 23.20              | 22.02               | 22.89              | 33.00            |
|           |            | 36      | 0         | 21.53               | 22.40              | 21.54               | 22.41              | 21.53               | 22.40              | 33.00            |
|           |            | 36      | 18        | 21.51               | 22.38              | 21.63               | 22.50              | 21.55               | 22.42              | 33.00            |
|           |            | 36      | 39        | 21.22               | 22.09              | 21.49               | 22.36              | 21.15               | 22.02              | 33.00            |
|           |            | 75      | 0         | 21.28               | 22.15              | 21.53               | 22.40              | 21.49               | 22.36              | 33.00            |
|           | 64QAM      | 1       | 0         | 21.15               | 22.02              | 20.99               | 21.86              | 21.13               | 22.00              | 33.00            |
|           |            | 1       | 38        | 20.99               | 21.86              | 20.57               | 21.44              | 20.26               | 21.13              | 33.00            |
|           |            | 1       | 74        | 20.76               | 21.63              | 20.07               | 20.94              | 20.31               | 21.18              | 33.00            |
|           |            | 36      | 0         | 20.39               | 21.26              | 20.11               | 20.98              | 20.13               | 21.00              | 33.00            |
|           |            | 36      | 18        | 20.53               | 21.40              | 19.99               | 20.86              | 19.88               | 20.75              | 33.00            |
|           |            | 36      | 39        | 20.35               | 21.22              | 19.86               | 20.73              | 19.74               | 20.61              | 33.00            |
|           |            | 75      | 0         | 20.41               | 21.28              | 19.86               | 20.73              | 19.78               | 20.65              | 33.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel             |                    | Channel             |                    | Channel             |                    | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm)<br>37850 | EIRP(dBm)<br>37850 | Power(dBm)<br>38000 | EIRP(dBm)<br>38000 | Power(dBm)<br>38150 | EIRP(dBm)<br>38150 |                  |
| 20MHz     | QPSK       | 1       | 0         | 23.42               | 24.29              | 23.62               | 24.49              | 23.54               | 24.41              | 33.00            |
|           |            | 1       | 50        | 23.35               | 24.22              | 23.35               | 24.22              | 23.05               | 23.92              | 33.00            |
|           |            | 1       | 99        | 23.38               | 24.25              | 22.91               | 23.78              | 22.73               | 23.60              | 33.00            |
|           |            | 50      | 0         | 22.44               | 23.31              | 22.53               | 23.40              | 22.47               | 23.34              | 33.00            |
|           |            | 50      | 25        | 22.57               | 23.44              | 22.59               | 23.46              | 22.53               | 23.40              | 33.00            |
|           |            | 50      | 50        | 22.30               | 23.17              | 22.34               | 23.21              | 22.14               | 23.01              | 33.00            |
|           |            | 100     | 0         | 22.41               | 23.28              | 22.50               | 23.37              | 22.49               | 23.36              | 33.00            |
|           | 16QAM      | 1       | 0         | 22.52               | 23.39              | 22.68               | 23.55              | 22.69               | 23.56              | 33.00            |
|           |            | 1       | 50        | 22.57               | 23.44              | 22.53               | 23.40              | 22.52               | 23.39              | 33.00            |
|           |            | 1       | 99        | 22.53               | 23.40              | 22.38               | 23.25              | 22.04               | 22.91              | 33.00            |
|           |            | 50      | 0         | 21.52               | 22.39              | 21.60               | 22.47              | 21.57               | 22.44              | 33.00            |
|           |            | 50      | 25        | 21.66               | 22.53              | 21.67               | 22.54              | 21.66               | 22.53              | 33.00            |
|           |            | 50      | 50        | 21.35               | 22.22              | 21.49               | 22.36              | 21.30               | 22.17              | 33.00            |
|           |            | 100     | 0         | 21.42               | 22.29              | 21.56               | 22.43              | 21.47               | 22.34              | 33.00            |
|           | 64QAM      | 1       | 0         | 21.15               | 22.02              | 21.10               | 21.97              | 21.25               | 22.12              | 33.00            |
|           |            | 1       | 50        | 20.98               | 21.85              | 20.57               | 21.44              | 20.35               | 21.22              | 33.00            |
|           |            | 1       | 99        | 20.77               | 21.64              | 20.22               | 21.09              | 20.30               | 21.17              | 33.00            |
|           |            | 50      | 0         | 20.53               | 21.40              | 20.25               | 21.12              | 20.21               | 21.08              | 33.00            |
|           |            | 50      | 25        | 20.63               | 21.50              | 20.06               | 20.93              | 19.93               | 20.80              | 33.00            |
|           |            | 50      | 50        | 20.37               | 21.24              | 19.88               | 20.75              | 19.77               | 20.64              | 33.00            |
|           |            | 100     | 0         | 20.44               | 21.31              | 19.95               | 20.82              | 19.86               | 20.73              | 33.00            |

## Test Result for LTE Band 41

Ant2:

| LTE Band 41(2496-2690) |            |         |           |                     |                    |                     |                    |                     |                    |                  |
|------------------------|------------|---------|-----------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|------------------|
| Bandwidth              | Modulation | RB size | RB offset | Channel             |                    | Channel             |                    | Channel             |                    | EIRP Limit (dBm) |
|                        |            |         |           | Power(dBm)<br>39675 | EIRP(dBm)<br>39675 | Power(dBm)<br>40620 | EIRP(dBm)<br>40620 | Power(dBm)<br>41565 | EIRP(dBm)<br>41565 |                  |
| 5MHz                   | QPSK       | 1       | 0         | 25.19               | 26.49              | 25.14               | 26.44              | 24.84               | 26.14              | 33.00            |
|                        |            | 1       | 13        | 25.05               | 26.35              | 25.09               | 26.39              | 24.77               | 26.07              | 33.00            |
|                        |            | 1       | 24        | 25.08               | 26.38              | 25.13               | 26.43              | 24.69               | 25.99              | 33.00            |
|                        |            | 12      | 0         | 24.13               | 25.43              | 23.98               | 25.28              | 23.87               | 25.17              | 33.00            |
|                        |            | 12      | 6         | 24.39               | 25.69              | 24.17               | 25.47              | 23.77               | 25.07              | 33.00            |
|                        |            | 12      | 13        | 24.11               | 25.41              | 23.86               | 25.16              | 23.52               | 24.82              | 33.00            |
|                        |            | 25      | 0         | 24.19               | 25.49              | 23.96               | 25.26              | 23.61               | 24.91              | 33.00            |
|                        | 16QAM      | 1       | 0         | 24.41               | 25.71              | 23.59               | 24.89              | 23.60               | 24.90              | 33.00            |
|                        |            | 1       | 13        | 24.24               | 25.54              | 24.00               | 25.30              | 23.71               | 25.01              | 33.00            |
|                        |            | 1       | 24        | 24.14               | 25.44              | 23.59               | 24.89              | 23.61               | 24.91              | 33.00            |
|                        |            | 12      | 0         | 23.29               | 24.59              | 23.02               | 24.32              | 22.83               | 24.13              | 33.00            |
|                        |            | 12      | 6         | 23.39               | 24.69              | 23.22               | 24.52              | 22.99               | 24.29              | 33.00            |
|                        |            | 12      | 13        | 23.05               | 24.35              | 22.92               | 24.22              | 22.64               | 23.94              | 33.00            |
|                        |            | 25      | 0         | 23.10               | 24.40              | 23.03               | 24.33              | 22.68               | 23.98              | 33.00            |
|                        | 64QAM      | 1       | 0         | 23.06               | 24.36              | 22.66               | 23.96              | 22.70               | 24.00              | 33.00            |
|                        |            | 1       | 13        | 22.77               | 24.07              | 22.64               | 23.94              | 23.72               | 25.02              | 33.00            |
|                        |            | 1       | 24        | 22.86               | 24.16              | 23.57               | 24.87              | 23.68               | 24.98              | 33.00            |
|                        |            | 12      | 0         | 22.36               | 23.66              | 22.11               | 23.41              | 21.84               | 23.14              | 33.00            |
|                        |            | 12      | 6         | 22.42               | 23.72              | 22.16               | 23.46              | 21.94               | 23.24              | 33.00            |
|                        |            | 12      | 13        | 22.04               | 23.34              | 22.03               | 23.33              | 21.69               | 22.99              | 33.00            |
|                        |            | 25      | 0         | 22.18               | 23.48              | 21.89               | 23.19              | 21.80               | 23.10              | 33.00            |
| Bandwidth              | Modulation | RB size | RB offset | Channel             |                    | Channel             |                    | Channel             |                    | EIRP Limit (dBm) |
|                        |            |         |           | Power(dBm)<br>39700 | EIRP(dBm)<br>39700 | Power(dBm)<br>40620 | EIRP(dBm)<br>40620 | Power(dBm)<br>41540 | EIRP(dBm)<br>41540 |                  |
| 10MHz                  | QPSK       | 1       | 0         | 25.20               | 26.50              | 25.12               | 26.42              | 24.76               | 26.06              | 33.00            |
|                        |            | 1       | 25        | 25.10               | 26.40              | 25.09               | 26.39              | 24.79               | 26.09              | 33.00            |
|                        |            | 1       | 49        | 25.14               | 26.44              | 25.10               | 26.40              | 24.70               | 26.00              | 33.00            |
|                        |            | 25      | 0         | 24.20               | 25.50              | 23.98               | 25.28              | 23.72               | 25.02              | 33.00            |
|                        |            | 25      | 13        | 24.27               | 25.57              | 24.17               | 25.47              | 23.80               | 25.10              | 33.00            |
|                        |            | 25      | 25        | 24.09               | 25.39              | 23.89               | 25.19              | 23.58               | 24.88              | 33.00            |
|                        |            | 50      | 0         | 24.06               | 25.36              | 24.00               | 25.30              | 23.71               | 25.01              | 33.00            |
|                        | 16QAM      | 1       | 0         | 24.35               | 25.65              | 23.63               | 24.93              | 23.68               | 24.98              | 33.00            |
|                        |            | 1       | 25        | 24.22               | 25.52              | 24.06               | 25.36              | 23.75               | 25.05              | 33.00            |
|                        |            | 1       | 49        | 24.19               | 25.49              | 23.52               | 24.82              | 23.64               | 24.94              | 33.00            |
|                        |            | 25      | 0         | 23.29               | 24.59              | 23.01               | 24.31              | 22.84               | 24.14              | 33.00            |
|                        |            | 25      | 13        | 23.34               | 24.64              | 23.23               | 24.53              | 22.96               | 24.26              | 33.00            |
|                        |            | 25      | 25        | 23.08               | 24.38              | 22.91               | 24.21              | 22.63               | 23.93              | 33.00            |
|                        |            | 50      | 0         | 23.14               | 24.44              | 23.07               | 24.37              | 22.69               | 23.99              | 33.00            |
|                        | 64QAM      | 1       | 0         | 23.06               | 24.36              | 22.76               | 24.06              | 22.67               | 23.97              | 33.00            |
|                        |            | 1       | 25        | 22.83               | 24.13              | 22.65               | 23.95              | 22.57               | 23.87              | 33.00            |
|                        |            | 1       | 49        | 22.86               | 24.16              | 23.63               | 24.93              | 22.59               | 23.89              | 33.00            |
|                        |            | 25      | 0         | 22.23               | 23.53              | 22.02               | 23.32              | 21.94               | 23.24              | 33.00            |
|                        |            | 25      | 13        | 22.40               | 23.70              | 22.20               | 23.50              | 21.99               | 23.29              | 33.00            |
|                        |            | 25      | 25        | 22.17               | 23.47              | 22.10               | 23.40              | 21.70               | 23.00              | 33.00            |
|                        |            | 50      | 0         | 22.22               | 23.52              | 21.90               | 23.20              | 21.88               | 23.18              | 33.00            |

| Bandwidth | Modulation | RB size | RB offset | Channel             |                    | Channel             |                    | Channel             |                    | EIRP Limit (dBm) |
|-----------|------------|---------|-----------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|------------------|
|           |            |         |           | Power(dBm)<br>39725 | EIRP(dBm)<br>39725 | Power(dBm)<br>40620 | EIRP(dBm)<br>40620 | Power(dBm)<br>41515 | EIRP(dBm)<br>41515 |                  |
| 15MHz     | QPSK       | 1       | 0         | 25.21               | 26.51              | 25.10               | 26.40              | 24.75               | 26.05              | 33.00            |
|           |            | 1       | 38        | 25.14               | 26.44              | 25.06               | 26.36              | 24.74               | 26.04              | 33.00            |
|           |            | 1       | 74        | 25.13               | 26.43              | 25.11               | 26.41              | 24.70               | 26.00              | 33.00            |
|           |            | 36      | 0         | 24.14               | 25.44              | 24.06               | 25.36              | 23.83               | 25.13              | 33.00            |
|           |            | 36      | 18        | 24.27               | 25.57              | 24.12               | 25.42              | 23.83               | 25.13              | 33.00            |
|           |            | 36      | 39        | 24.16               | 25.46              | 23.84               | 25.14              | 23.58               | 24.88              | 33.00            |
|           |            | 75      | 0         | 24.10               | 25.40              | 24.01               | 25.31              | 23.66               | 24.96              | 33.00            |
|           | 16QAM      | 1       | 0         | 24.39               | 25.69              | 23.64               | 24.94              | 23.69               | 24.99              | 33.00            |
|           |            | 1       | 38        | 24.22               | 25.52              | 24.12               | 25.42              | 23.75               | 25.05              | 33.00            |
|           |            | 1       | 74        | 24.18               | 25.48              | 23.58               | 24.88              | 23.62               | 24.92              | 33.00            |
|           |            | 36      | 0         | 23.22               | 24.52              | 23.13               | 24.43              | 22.91               | 24.21              | 33.00            |
|           |            | 36      | 18        | 23.32               | 24.62              | 23.24               | 24.54              | 22.87               | 24.17              | 33.00            |
|           |            | 36      | 39        | 23.06               | 24.36              | 23.01               | 24.31              | 22.63               | 23.93              | 33.00            |
|           |            | 75      | 0         | 23.17               | 24.47              | 22.99               | 24.29              | 22.80               | 24.10              | 33.00            |
|           | 64QAM      | 1       | 0         | 23.05               | 24.35              | 22.76               | 24.06              | 22.72               | 24.02              | 33.00            |
|           |            | 1       | 38        | 22.80               | 24.10              | 22.68               | 23.98              | 22.65               | 23.95              | 33.00            |
|           |            | 1       | 74        | 22.89               | 24.19              | 22.65               | 23.95              | 22.60               | 23.90              | 33.00            |
|           |            | 36      | 0         | 22.26               | 23.56              | 22.06               | 23.36              | 21.95               | 23.25              | 33.00            |
|           |            | 36      | 18        | 22.35               | 23.65              | 22.20               | 23.50              | 21.88               | 23.18              | 33.00            |
|           |            | 36      | 39        | 22.06               | 23.36              | 22.08               | 23.38              | 21.68               | 22.98              | 33.00            |
|           |            | 75      | 0         | 22.17               | 23.47              | 21.91               | 23.21              | 21.84               | 23.14              | 33.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel             |                    | Channel             |                    | Channel             |                    | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm)<br>39750 | EIRP(dBm)<br>39750 | Power(dBm)<br>40620 | EIRP(dBm)<br>40620 | Power(dBm)<br>41490 | EIRP(dBm)<br>41490 |                  |
| 20MHz     | QPSK       | 1       | 0         | <b>25.17</b>        | 26.47              | 25.19               | 26.49              | 24.79               | 26.09              | 33.00            |
|           |            | 1       | 50        | 25.06               | 26.36              | 25.08               | 26.38              | 24.69               | 25.99              | 33.00            |
|           |            | 1       | 99        | 25.16               | 26.46              | 25.06               | 26.36              | 24.64               | 25.94              | 33.00            |
|           |            | 50      | 0         | 24.25               | 25.55              | 23.98               | 25.28              | 23.73               | 25.03              | 33.00            |
|           |            | 50      | 25        | <b>24.27</b>        | 25.57              | 24.10               | 25.40              | 23.82               | 25.12              | 33.00            |
|           |            | 50      | 50        | 24.14               | 25.44              | 23.90               | 25.20              | 23.57               | 24.87              | 33.00            |
|           |            | 100     | 0         | 24.05               | 25.35              | 23.95               | 25.25              | 23.72               | 25.02              | 33.00            |
|           | 16QAM      | 1       | 0         | 24.35               | 25.65              | 23.59               | 24.89              | 23.55               | 24.85              | 33.00            |
|           |            | 1       | 50        | 24.17               | 25.47              | 24.07               | 25.37              | 23.78               | 25.08              | 33.00            |
|           |            | 1       | 99        | 24.16               | 25.46              | 23.67               | 24.97              | 23.82               | 25.12              | 33.00            |
|           |            | 50      | 0         | 23.30               | 24.60              | 23.14               | 24.44              | 22.89               | 24.19              | 33.00            |
|           |            | 50      | 25        | 23.31               | 24.61              | 23.22               | 24.52              | 22.86               | 24.16              | 33.00            |
|           |            | 50      | 50        | 23.05               | 24.35              | 23.00               | 24.30              | 22.61               | 23.91              | 33.00            |
|           |            | 100     | 0         | 23.13               | 24.43              | 23.02               | 24.32              | 22.74               | 24.04              | 33.00            |
|           | 64QAM      | 1       | 0         | 22.97               | 24.27              | 22.66               | 23.96              | 22.71               | 24.01              | 33.00            |
|           |            | 1       | 50        | 22.82               | 24.12              | 22.67               | 23.97              | 22.65               | 23.95              | 33.00            |
|           |            | 1       | 99        | 22.81               | 24.11              | 22.59               | 23.89              | 22.57               | 23.87              | 33.00            |
|           |            | 50      | 0         | 22.30               | 23.60              | 21.99               | 23.29              | 21.80               | 23.10              | 33.00            |
|           |            | 50      | 25        | 22.34               | 23.64              | 22.20               | 23.50              | 21.86               | 23.16              | 33.00            |
|           |            | 50      | 50        | 22.15               | 23.45              | 22.07               | 23.37              | 21.77               | 23.07              | 33.00            |
|           |            | 100     | 0         | 22.20               | 23.50              | 21.89               | 23.19              | 21.92               | 23.22              | 33.00            |

## Test Result for LTE Band 66

Ant1:

| LTE Band 66 |            |         |           |                      |                     |                      |                     |                      |                     |                  |
|-------------|------------|---------|-----------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|------------------|
| Bandwidth   | Modulation | RB size | RB offset | Channel              |                     | Channel              |                     | Channel              |                     | EIRP Limit (dBm) |
|             |            |         |           | Power(dBm)<br>131979 | EIRP(dBm)<br>131979 | Power(dBm)<br>132322 | EIRP(dBm)<br>132322 | Power(dBm)<br>132665 | EIRP(dBm)<br>132665 |                  |
| 1.4MHz      | QPSK       | 1       | 0         | 22.46                | 25.11               | 22.61                | 25.26               | 23.17                | 25.82               | 30.00            |
|             |            | 1       | 2         | 23.19                | 25.84               | 23.19                | 25.84               | 23.05                | 25.70               | 30.00            |
|             |            | 1       | 5         | 22.42                | 25.07               | 22.46                | 25.11               | 23.07                | 25.72               | 30.00            |
|             |            | 3       | 0         | 22.46                | 25.11               | 22.51                | 25.16               | 23.01                | 25.66               | 30.00            |
|             |            | 3       | 1         | 23.09                | 25.74               | 23.25                | 25.90               | 23.06                | 25.71               | 30.00            |
|             |            | 3       | 3         | 22.48                | 25.13               | 22.52                | 25.17               | 22.97                | 25.62               | 30.00            |
|             |            | 6       | 0         | 21.98                | 24.63               | 22.12                | 24.77               | 21.90                | 24.55               | 30.00            |
|             | 16QAM      | 1       | 0         | 21.75                | 24.40               | 21.79                | 24.44               | 22.41                | 25.06               | 30.00            |
|             |            | 1       | 2         | 22.34                | 24.99               | 22.47                | 25.12               | 22.21                | 24.86               | 30.00            |
|             |            | 1       | 5         | 21.95                | 24.60               | 21.81                | 24.46               | 22.48                | 25.13               | 30.00            |
|             |            | 3       | 0         | 21.75                | 24.40               | 21.88                | 24.53               | 22.33                | 24.98               | 30.00            |
|             |            | 3       | 1         | 22.43                | 25.08               | 22.37                | 25.02               | 22.28                | 24.93               | 30.00            |
|             |            | 3       | 3         | 21.90                | 24.55               | 21.77                | 24.42               | 22.38                | 25.03               | 30.00            |
|             |            | 6       | 0         | 21.10                | 23.75               | 21.01                | 23.66               | 20.93                | 23.58               | 30.00            |
|             | 64QAM      | 1       | 0         | 20.78                | 23.43               | 20.73                | 23.38               | 21.31                | 23.96               | 30.00            |
|             |            | 1       | 2         | 21.45                | 24.10               | 21.31                | 23.96               | 21.35                | 24.00               | 30.00            |
|             |            | 1       | 5         | 20.79                | 23.44               | 20.89                | 23.54               | 21.36                | 24.01               | 30.00            |
|             |            | 3       | 0         | 20.82                | 23.47               | 20.75                | 23.40               | 21.33                | 23.98               | 30.00            |
|             |            | 3       | 1         | 21.43                | 24.08               | 21.33                | 23.98               | 21.41                | 24.06               | 30.00            |
|             |            | 3       | 3         | 20.76                | 23.41               | 20.92                | 23.57               | 21.37                | 24.02               | 30.00            |
|             |            | 6       | 0         | 20.09                | 22.74               | 20.13                | 22.78               | 20.08                | 22.73               | 30.00            |
| Bandwidth   | Modulation | RB size | RB offset | Channel              |                     | Channel              |                     | Channel              |                     | EIRP Limit (dBm) |
|             |            |         |           | Power(dBm)<br>131987 | EIRP(dBm)<br>131987 | Power(dBm)<br>132322 | EIRP(dBm)<br>132322 | Power(dBm)<br>132657 | EIRP(dBm)<br>132657 |                  |
| 3MHz        | QPSK       | 1       | 0         | 22.57                | 25.22               | 22.65                | 25.30               | 23.02                | 25.67               | 30.00            |
|             |            | 1       | 7         | 23.16                | 25.81               | 23.12                | 25.77               | 23.11                | 25.76               | 30.00            |
|             |            | 1       | 14        | 22.41                | 25.06               | 22.50                | 25.15               | 23.08                | 25.73               | 30.00            |
|             |            | 8       | 0         | 22.17                | 24.82               | 22.04                | 24.69               | 22.00                | 24.65               | 30.00            |
|             |            | 8       | 4         | 22.33                | 24.98               | 22.34                | 24.99               | 22.14                | 24.79               | 30.00            |
|             |            | 8       | 7         | 22.15                | 24.80               | 22.11                | 24.76               | 22.01                | 24.66               | 30.00            |
|             |            | 15      | 0         | 22.03                | 24.68               | 22.08                | 24.73               | 21.90                | 24.55               | 30.00            |
|             | 16QAM      | 1       | 0         | 21.76                | 24.41               | 21.79                | 24.44               | 22.35                | 25.00               | 30.00            |
|             |            | 1       | 7         | 22.36                | 25.01               | 22.44                | 25.09               | 22.19                | 24.84               | 30.00            |
|             |            | 1       | 14        | 21.83                | 24.48               | 21.73                | 24.38               | 22.42                | 25.07               | 30.00            |
|             |            | 8       | 0         | 21.13                | 23.78               | 21.10                | 23.75               | 20.97                | 23.62               | 30.00            |
|             |            | 8       | 4         | 21.30                | 23.95               | 21.27                | 23.92               | 21.21                | 23.86               | 30.00            |
|             |            | 8       | 7         | 21.09                | 23.74               | 21.18                | 23.83               | 21.03                | 23.68               | 30.00            |
|             |            | 15      | 0         | 21.15                | 23.80               | 21.02                | 23.67               | 21.00                | 23.65               | 30.00            |
|             | 64QAM      | 1       | 0         | 20.79                | 23.44               | 20.73                | 23.38               | 21.25                | 23.90               | 30.00            |
|             |            | 1       | 7         | 21.38                | 24.03               | 21.37                | 24.02               | 21.46                | 24.11               | 30.00            |
|             |            | 1       | 14        | 20.84                | 23.49               | 20.83                | 23.48               | 21.22                | 23.87               | 30.00            |
|             |            | 8       | 0         | 20.19                | 22.84               | 20.04                | 22.69               | 20.11                | 22.76               | 30.00            |
|             |            | 8       | 4         | 20.34                | 22.99               | 20.24                | 22.89               | 20.10                | 22.75               | 30.00            |
|             |            | 8       | 7         | 20.23                | 22.88               | 20.04                | 22.69               | 19.94                | 22.59               | 30.00            |
|             |            | 15      | 0         | 20.11                | 22.76               | 19.99                | 22.64               | 20.06                | 22.71               | 30.00            |

| Bandwidth | Modulation | RB size | RB offset | Channel              |                     | Channel              |                     | Channel              |                     | EIRP Limit (dBm) |
|-----------|------------|---------|-----------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|------------------|
|           |            |         |           | Power(dBm)<br>131997 | EIRP(dBm)<br>131997 | Power(dBm)<br>132322 | EIRP(dBm)<br>132322 | Power(dBm)<br>132647 | EIRP(dBm)<br>132647 |                  |
| 5MHz      | QPSK       | 1       | 0         | 22.51                | 25.16               | 22.63                | 25.28               | 23.06                | 25.71               | 30.00            |
|           |            | 1       | 13        | 23.21                | 25.86               | 23.19                | 25.84               | 23.15                | 25.80               | 30.00            |
|           |            | 1       | 24        | 22.42                | 25.07               | 22.46                | 25.11               | 23.04                | 25.69               | 30.00            |
|           |            | 12      | 0         | 22.18                | 24.83               | 22.10                | 24.75               | 22.01                | 24.66               | 30.00            |
|           |            | 12      | 6         | 22.20                | 24.85               | 22.33                | 24.98               | 22.13                | 24.78               | 30.00            |
|           |            | 12      | 13        | 22.12                | 24.77               | 22.06                | 24.71               | 21.99                | 24.64               | 30.00            |
|           |            | 25      | 0         | 21.98                | 24.63               | 22.06                | 24.71               | 22.04                | 24.69               | 30.00            |
|           | 16QAM      | 1       | 0         | 21.73                | 24.38               | 21.73                | 24.38               | 22.43                | 25.08               | 30.00            |
|           |            | 1       | 13        | 22.47                | 25.12               | 22.42                | 25.07               | 22.20                | 24.85               | 30.00            |
|           |            | 1       | 24        | 21.81                | 24.46               | 21.77                | 24.42               | 22.45                | 25.10               | 30.00            |
|           |            | 12      | 0         | 21.23                | 23.88               | 21.07                | 23.72               | 21.12                | 23.77               | 30.00            |
|           |            | 12      | 6         | 21.31                | 23.96               | 21.33                | 23.98               | 21.24                | 23.89               | 30.00            |
|           |            | 12      | 13        | 20.96                | 23.61               | 21.06                | 23.71               | 20.94                | 23.59               | 30.00            |
|           |            | 25      | 0         | 21.14                | 23.79               | 21.08                | 23.73               | 21.01                | 23.66               | 30.00            |
|           | 64QAM      | 1       | 0         | 20.70                | 23.35               | 20.80                | 23.45               | 21.37                | 24.02               | 30.00            |
|           |            | 1       | 13        | 21.35                | 24.00               | 21.35                | 24.00               | 21.36                | 24.01               | 30.00            |
|           |            | 1       | 24        | 20.86                | 23.51               | 20.82                | 23.47               | 21.36                | 24.01               | 30.00            |
|           |            | 12      | 0         | 20.09                | 22.74               | 20.18                | 22.83               | 20.03                | 22.68               | 30.00            |
|           |            | 12      | 6         | 20.26                | 22.91               | 20.32                | 22.97               | 20.16                | 22.81               | 30.00            |
|           |            | 12      | 13        | 20.17                | 22.82               | 20.01                | 22.66               | 20.01                | 22.66               | 30.00            |
|           |            | 25      | 0         | 20.03                | 22.68               | 20.09                | 22.74               | 20.02                | 22.67               | 30.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel              |                     | Channel              |                     | Channel              |                     | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm)<br>132022 | EIRP(dBm)<br>132022 | Power(dBm)<br>132322 | EIRP(dBm)<br>132322 | Power(dBm)<br>132622 | EIRP(dBm)<br>132622 |                  |
| 10MHz     | QPSK       | 1       | 0         | 22.49                | 25.14               | 22.59                | 25.24               | 23.15                | 25.80               | 30.00            |
|           |            | 1       | 25        | 23.11                | 25.76               | 23.12                | 25.77               | 23.18                | 25.83               | 30.00            |
|           |            | 1       | 49        | 22.53                | 25.18               | 22.51                | 25.16               | 22.99                | 25.64               | 30.00            |
|           |            | 25      | 0         | 22.17                | 24.82               | 22.01                | 24.66               | 21.97                | 24.62               | 30.00            |
|           |            | 25      | 13        | 22.30                | 24.95               | 22.27                | 24.92               | 22.22                | 24.87               | 30.00            |
|           |            | 25      | 25        | 22.14                | 24.79               | 22.06                | 24.71               | 21.90                | 24.55               | 30.00            |
|           |            | 50      | 0         | 22.12                | 24.77               | 22.13                | 24.78               | 22.02                | 24.67               | 30.00            |
|           | 16QAM      | 1       | 0         | 21.77                | 24.42               | 21.80                | 24.45               | 22.39                | 25.04               | 30.00            |
|           |            | 1       | 25        | 22.45                | 25.10               | 22.43                | 25.08               | 22.27                | 24.92               | 30.00            |
|           |            | 1       | 49        | 21.84                | 24.49               | 21.74                | 24.39               | 22.43                | 25.08               | 30.00            |
|           |            | 25      | 0         | 21.23                | 23.88               | 21.11                | 23.76               | 21.10                | 23.75               | 30.00            |
|           |            | 25      | 13        | 21.32                | 23.97               | 21.22                | 23.87               | 21.25                | 23.90               | 30.00            |
|           |            | 25      | 25        | 21.01                | 23.66               | 21.14                | 23.79               | 21.05                | 23.70               | 30.00            |
|           |            | 50      | 0         | 21.06                | 23.71               | 21.14                | 23.79               | 21.03                | 23.68               | 30.00            |
|           | 64QAM      | 1       | 0         | 20.70                | 23.35               | 20.74                | 23.39               | 21.25                | 23.90               | 30.00            |
|           |            | 1       | 25        | 21.36                | 24.01               | 21.46                | 24.11               | 21.45                | 24.10               | 30.00            |
|           |            | 1       | 49        | 20.85                | 23.50               | 20.81                | 23.46               | 21.36                | 24.01               | 30.00            |
|           |            | 25      | 0         | 20.08                | 22.73               | 20.16                | 22.81               | 20.10                | 22.75               | 30.00            |
|           |            | 25      | 13        | 20.36                | 23.01               | 20.32                | 22.97               | 20.15                | 22.80               | 30.00            |
|           |            | 25      | 25        | 20.08                | 22.73               | 20.03                | 22.68               | 19.97                | 22.62               | 30.00            |
|           |            | 50      | 0         | 20.04                | 22.69               | 20.07                | 22.72               | 20.13                | 22.78               | 30.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel              |                     | Channel              |                     | Channel              |                     | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm)<br>132047 | EIRP(dBm)<br>132047 | Power(dBm)<br>132322 | EIRP(dBm)<br>132322 | Power(dBm)<br>132597 | EIRP(dBm)<br>132597 |                  |
| 15MHz     | QPSK       | 1       | 0         | 22.59                | 25.24               | 22.53                | 25.18               | 23.12                | 25.77               | 30.00            |

|           |            | 1       | 38        | 23.23                | 25.88               | 23.26                | 25.91               | 23.05                | 25.70               | 30.00            |
|-----------|------------|---------|-----------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|------------------|
|           |            | 1       | 74        | 22.49                | 25.14               | 22.56                | 25.21               | 23.01                | 25.66               | 30.00            |
|           |            | 36      | 0         | 22.18                | 24.83               | 22.14                | 24.79               | 22.10                | 24.75               | 30.00            |
|           |            | 36      | 18        | 22.21                | 24.86               | 22.32                | 24.97               | 22.17                | 24.82               | 30.00            |
|           |            | 36      | 39        | 22.04                | 24.69               | 22.01                | 24.66               | 21.95                | 24.60               | 30.00            |
|           |            | 75      | 0         | 22.08                | 24.73               | 22.16                | 24.81               | 22.01                | 24.66               | 30.00            |
|           |            | 75      | 0         | 22.08                | 24.73               | 22.16                | 24.81               | 22.01                | 24.66               | 30.00            |
|           | 16QAM      | 1       | 0         | 21.80                | 24.45               | 21.83                | 24.48               | 22.31                | 24.96               | 30.00            |
|           |            | 1       | 38        | 22.47                | 25.12               | 22.46                | 25.11               | 22.35                | 25.00               | 30.00            |
|           |            | 1       | 74        | 21.90                | 24.55               | 21.84                | 24.49               | 22.50                | 25.15               | 30.00            |
|           |            | 36      | 0         | 21.23                | 23.88               | 21.19                | 23.84               | 21.07                | 23.72               | 30.00            |
|           |            | 36      | 18        | 21.29                | 23.94               | 21.29                | 23.94               | 21.18                | 23.83               | 30.00            |
|           |            | 36      | 39        | 21.07                | 23.72               | 21.11                | 23.76               | 21.03                | 23.68               | 30.00            |
|           |            | 75      | 0         | 21.09                | 23.74               | 21.15                | 23.80               | 20.92                | 23.57               | 30.00            |
|           | 64QAM      | 1       | 0         | 20.73                | 23.38               | 20.88                | 23.53               | 21.34                | 23.99               | 30.00            |
|           |            | 1       | 38        | 21.41                | 24.06               | 21.43                | 24.08               | 21.35                | 24.00               | 30.00            |
|           |            | 1       | 74        | 20.74                | 23.39               | 20.87                | 23.52               | 21.23                | 23.88               | 30.00            |
|           |            | 36      | 0         | 20.16                | 22.81               | 20.20                | 22.85               | 19.98                | 22.63               | 30.00            |
|           |            | 36      | 18        | 20.25                | 22.90               | 20.30                | 22.95               | 20.11                | 22.76               | 30.00            |
|           |            | 36      | 39        | 20.08                | 22.73               | 20.02                | 22.67               | 20.01                | 22.66               | 30.00            |
|           |            | 75      | 0         | 20.18                | 22.83               | 20.08                | 22.73               | 20.07                | 22.72               | 30.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel              |                     | Channel              |                     | Channel              |                     | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm)<br>132072 | EIRP(dBm)<br>132072 | Power(dBm)<br>132322 | EIRP(dBm)<br>132322 | Power(dBm)<br>132572 | EIRP(dBm)<br>132572 |                  |
| 20MHz     | QPSK       | 1       | 0         | 22.59                | 25.24               | 22.62                | 25.27               | 23.14                | 25.79               | 30.00            |
|           |            | 1       | 50        | <b>23.21</b>         | 25.86               | <b>23.25</b>         | 25.90               | <b>23.16</b>         | 25.81               | 30.00            |
|           |            | 1       | 99        | 22.52                | 25.17               | 22.59                | 25.24               | 23.05                | 25.70               | 30.00            |
|           |            | 50      | 0         | 22.17                | 24.82               | 22.14                | 24.79               | 22.08                | 24.73               | 30.00            |
|           |            | 50      | 25        | <b>22.33</b>         | 24.98               | <b>22.35</b>         | 25.00               | <b>22.23</b>         | 24.88               | 30.00            |
|           |            | 50      | 50        | 22.14                | 24.79               | 22.12                | 24.77               | 22.01                | 24.66               | 30.00            |
|           |            | 100     | 0         | 22.11                | 24.76               | <b>22.15</b>         | 24.80               | 22.02                | 24.67               | 30.00            |
|           | 16QAM      | 1       | 0         | 21.84                | 24.49               | 21.85                | 24.50               | 22.42                | 25.07               | 30.00            |
|           |            | 1       | 50        | 22.47                | 25.12               | 22.48                | 25.13               | 22.32                | 24.97               | 30.00            |
|           |            | 1       | 99        | 21.93                | 24.58               | 21.83                | 24.48               | 22.47                | 25.12               | 30.00            |
|           |            | 50      | 0         | 21.24                | 23.89               | 21.19                | 23.84               | 21.10                | 23.75               | 30.00            |
|           |            | 50      | 25        | 21.32                | 23.97               | 21.35                | 24.00               | 21.22                | 23.87               | 30.00            |
|           |            | 50      | 50        | 21.08                | 23.73               | 21.18                | 23.83               | 21.03                | 23.68               | 30.00            |
|           |            | 100     | 0         | 21.18                | 23.83               | 21.14                | 23.79               | 21.04                | 23.69               | 30.00            |
|           | 64QAM      | 1       | 0         | 20.82                | 23.47               | 20.85                | 23.50               | 21.35                | 24.00               | 30.00            |
|           |            | 1       | 50        | 21.48                | 24.13               | 21.43                | 24.08               | 21.47                | 24.12               | 30.00            |
|           |            | 1       | 99        | 20.83                | 23.48               | 20.93                | 23.58               | 21.35                | 24.00               | 30.00            |
|           |            | 50      | 0         | 20.20                | 22.85               | 20.17                | 22.82               | 20.09                | 22.74               | 30.00            |
|           |            | 50      | 25        | 20.33                | 22.98               | 20.35                | 23.00               | 20.21                | 22.86               | 30.00            |
|           |            | 50      | 50        | 20.21                | 22.86               | 20.14                | 22.79               | 20.02                | 22.67               | 30.00            |
|           |            | 100     | 0         | 20.15                | 22.80               | 20.11                | 22.76               | 20.12                | 22.77               | 30.00            |

## Test Result for LTE CA\_41C

Ant2:

| Band  | Bandwidth   | Modulation  | Channel     | RB Configuration | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-------------|-------------|-------------|------------------|--------------|------------|-------------|---------|
| 41-41 | 20MHz-5MHz  | QPSK-QPSK   | 39750-39867 | 1RB#0-0RB#0      | 25.65        | 26.95      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK   | 39750-39867 | 18RB#0-0RB#0     | 24.86        | 26.16      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK   | 39750-39867 | 1RB#99-0RB#0     | 25.55        | 26.85      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK   | 39750-39867 | 100RB#0-25RB#0   | 24.51        | 25.81      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK   | 40595-40712 | 1RB#0-0RB#0      | 25.83        | 27.13      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK   | 40595-40712 | 18RB#0-0RB#0     | 24.91        | 26.21      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK   | 40595-40712 | 1RB#99-0RB#0     | 25.47        | 26.77      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK   | 40595-40712 | 100RB#0-25RB#0   | 24.63        | 25.93      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK   | 41440-41557 | 1RB#0-0RB#0      | 25.90        | 27.20      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK   | 41440-41557 | 18RB#0-0RB#0     | 24.90        | 26.20      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK   | 41440-41557 | 1RB#99-0RB#0     | 25.36        | 26.66      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | QPSK-QPSK   | 41440-41557 | 100RB#0-25RB#0   | 24.50        | 25.80      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM | 39750-39867 | 1RB#0-0RB#0      | 24.95        | 26.25      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM | 39750-39867 | 18RB#0-0RB#0     | 23.95        | 25.25      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM | 39750-39867 | 1RB#99-0RB#0     | 24.99        | 26.29      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM | 39750-39867 | 100RB#0-25RB#0   | 23.63        | 24.93      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM | 40595-40712 | 1RB#0-0RB#0      | 25.07        | 26.37      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM | 40595-40712 | 18RB#0-0RB#0     | 23.94        | 25.24      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM | 40595-40712 | 1RB#99-0RB#0     | 24.68        | 25.98      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM | 40595-40712 | 100RB#0-25RB#0   | 23.69        | 24.99      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM | 41440-41557 | 1RB#0-0RB#0      | 25.05        | 26.35      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM | 41440-41557 | 18RB#0-0RB#0     | 24.03        | 25.33      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM | 41440-41557 | 1RB#99-0RB#0     | 24.62        | 25.92      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 16QAM-16QAM | 41440-41557 | 100RB#0-25RB#0   | 23.52        | 24.82      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM | 39750-39867 | 1RB#0-0RB#0      | 24.16        | 25.46      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM | 39750-39867 | 18RB#0-0RB#0     | 23.44        | 24.74      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM | 39750-39867 | 1RB#99-0RB#0     | 24.32        | 25.62      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM | 39750-39867 | 100RB#0-25RB#0   | 23.02        | 24.32      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM | 40595-40712 | 1RB#0-0RB#0      | 24.28        | 25.58      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM | 40595-40712 | 18RB#0-0RB#0     | 23.61        | 24.91      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM | 40595-40712 | 1RB#99-0RB#0     | 24.06        | 25.36      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM | 40595-40712 | 100RB#0-25RB#0   | 23.15        | 24.45      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM | 41440-41557 | 1RB#0-0RB#0      | 24.21        | 25.51      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM | 41440-41557 | 18RB#0-0RB#0     | 23.70        | 25.00      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM | 41440-41557 | 1RB#99-0RB#0     | 23.89        | 25.19      | 33.00       | PASS    |
| 41-41 | 20MHz-5MHz  | 64QAM-64QAM | 41440-41557 | 100RB#0-25RB#0   | 23.11        | 24.41      | 33.00       | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK   | 39725-39845 | 1RB#0-0RB#0      | 25.84        | 27.14      | 33.00       | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK   | 39725-39845 | 16RB#0-0RB#0     | 24.80        | 26.10      | 33.00       | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK   | 39725-39845 | 1RB#74-0RB#0     | 25.73        | 27.03      | 33.00       | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK   | 39725-39845 | 75RB#0-50RB#0    | 24.43        | 25.73      | 33.00       | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK   | 40571-40691 | 1RB#0-0RB#0      | 25.82        | 27.12      | 33.00       | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK   | 40571-40691 | 16RB#0-0RB#0     | 24.85        | 26.15      | 33.00       | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK   | 40571-40691 | 1RB#74-0RB#0     | 25.72        | 27.02      | 33.00       | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK   | 40571-40691 | 75RB#0-50RB#0    | 24.55        | 25.85      | 33.00       | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK   | 41417-41537 | 1RB#0-0RB#0      | 25.90        | 27.20      | 33.00       | PASS    |
| 41-41 | 15MHz-10MHz | QPSK-QPSK   | 41417-41537 | 16RB#0-0RB#0     | 24.81        | 26.11      | 33.00       | PASS    |

|       |             |             |             |                |       |       |       |      |
|-------|-------------|-------------|-------------|----------------|-------|-------|-------|------|
| 41-41 | 15MHz-10MHz | QPSK-QPSK   | 41417-41537 | 1RB#74-0RB#0   | 25.63 | 26.93 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | QPSK-QPSK   | 41417-41537 | 75RB#0-50RB#0  | 24.52 | 25.82 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM | 39725-39845 | 1RB#0-0RB#0    | 24.93 | 26.23 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM | 39725-39845 | 16RB#0-0RB#0   | 23.81 | 25.11 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM | 39725-39845 | 1RB#74-0RB#0   | 25.00 | 26.30 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM | 39725-39845 | 75RB#0-50RB#0  | 23.48 | 24.78 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM | 40571-40691 | 1RB#0-0RB#0    | 25.03 | 26.33 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM | 40571-40691 | 16RB#0-0RB#0   | 23.94 | 25.24 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM | 40571-40691 | 1RB#74-0RB#0   | 24.90 | 26.20 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM | 40571-40691 | 75RB#0-50RB#0  | 23.73 | 25.03 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM | 41417-41537 | 1RB#0-0RB#0    | 24.90 | 26.20 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM | 41417-41537 | 16RB#0-0RB#0   | 23.97 | 25.27 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM | 41417-41537 | 1RB#74-0RB#0   | 24.76 | 26.06 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 16QAM-16QAM | 41417-41537 | 75RB#0-50RB#0  | 23.51 | 24.81 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM | 39725-39845 | 1RB#0-0RB#0    | 24.23 | 25.53 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM | 39725-39845 | 16RB#0-0RB#0   | 23.48 | 24.78 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM | 39725-39845 | 1RB#74-0RB#0   | 24.36 | 25.66 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM | 39725-39845 | 75RB#0-50RB#0  | 22.96 | 24.26 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM | 40571-40691 | 1RB#0-0RB#0    | 24.31 | 25.61 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM | 40571-40691 | 16RB#0-0RB#0   | 23.30 | 24.60 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM | 40571-40691 | 1RB#74-0RB#0   | 24.38 | 25.68 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM | 40571-40691 | 75RB#0-50RB#0  | 23.13 | 24.43 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM | 41417-41537 | 1RB#0-0RB#0    | 24.40 | 25.70 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM | 41417-41537 | 16RB#0-0RB#0   | 23.49 | 24.79 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM | 41417-41537 | 1RB#74-0RB#0   | 23.96 | 25.26 | 33.00 | PASS |
| 41-41 | 15MHz-10MHz | 64QAM-64QAM | 41417-41537 | 75RB#0-50RB#0  | 23.13 | 24.43 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | QPSK-QPSK   | 39750-39894 | 1RB#0-0RB#0    | 25.73 | 27.03 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | QPSK-QPSK   | 39750-39894 | 18RB#0-0RB#0   | 24.69 | 25.99 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | QPSK-QPSK   | 39750-39894 | 1RB#99-0RB#0   | 25.95 | 27.25 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | QPSK-QPSK   | 39750-39894 | 100RB#0-50RB#0 | 24.48 | 25.78 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | QPSK-QPSK   | 40571-40715 | 1RB#0-0RB#0    | 25.72 | 27.02 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | QPSK-QPSK   | 40571-40715 | 18RB#0-0RB#0   | 24.77 | 26.07 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | QPSK-QPSK   | 40571-40715 | 1RB#99-0RB#0   | 25.75 | 27.05 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | QPSK-QPSK   | 40571-40715 | 100RB#0-50RB#0 | 24.59 | 25.89 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | QPSK-QPSK   | 41391-41535 | 1RB#0-0RB#0    | 25.92 | 27.22 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | QPSK-QPSK   | 41391-41535 | 18RB#0-0RB#0   | 25.04 | 26.34 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | QPSK-QPSK   | 41391-41535 | 1RB#99-0RB#0   | 25.53 | 26.83 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | QPSK-QPSK   | 41391-41535 | 100RB#0-50RB#0 | 24.49 | 25.79 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 16QAM-16QAM | 39750-39894 | 1RB#0-0RB#0    | 24.80 | 26.10 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 16QAM-16QAM | 39750-39894 | 18RB#0-0RB#0   | 23.93 | 25.23 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 16QAM-16QAM | 39750-39894 | 1RB#99-0RB#0   | 25.04 | 26.34 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 16QAM-16QAM | 39750-39894 | 100RB#0-50RB#0 | 23.68 | 24.98 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 16QAM-16QAM | 40571-40715 | 1RB#0-0RB#0    | 25.07 | 26.37 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 16QAM-16QAM | 40571-40715 | 18RB#0-0RB#0   | 23.80 | 25.10 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 16QAM-16QAM | 40571-40715 | 1RB#99-0RB#0   | 25.02 | 26.32 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 16QAM-16QAM | 40571-40715 | 100RB#0-50RB#0 | 23.59 | 24.89 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 16QAM-16QAM | 41391-41535 | 1RB#0-0RB#0    | 25.02 | 26.32 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 16QAM-16QAM | 41391-41535 | 18RB#0-0RB#0   | 24.03 | 25.33 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 16QAM-16QAM | 41391-41535 | 1RB#99-0RB#0   | 24.73 | 26.03 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 16QAM-16QAM | 41391-41535 | 100RB#0-50RB#0 | 23.58 | 24.88 | 33.00 | PASS |

|       |             |             |             |                |       |       |       |      |
|-------|-------------|-------------|-------------|----------------|-------|-------|-------|------|
| 41-41 | 20MHz-10MHz | 64QAM-64QAM | 39750-39894 | 1RB#0-0RB#0    | 24.49 | 25.79 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 64QAM-64QAM | 39750-39894 | 18RB#0-0RB#0   | 23.47 | 24.77 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 64QAM-64QAM | 39750-39894 | 1RB#99-0RB#0   | 24.42 | 25.72 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 64QAM-64QAM | 39750-39894 | 100RB#0-50RB#0 | 23.20 | 24.50 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 64QAM-64QAM | 40571-40715 | 1RB#0-0RB#0    | 24.34 | 25.64 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 64QAM-64QAM | 40571-40715 | 18RB#0-0RB#0   | 23.77 | 25.07 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 64QAM-64QAM | 40571-40715 | 1RB#99-0RB#0   | 24.29 | 25.59 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 64QAM-64QAM | 40571-40715 | 100RB#0-50RB#0 | 23.51 | 24.81 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 64QAM-64QAM | 41391-41535 | 1RB#0-0RB#0    | 24.62 | 25.92 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 64QAM-64QAM | 41391-41535 | 18RB#0-0RB#0   | 23.73 | 25.03 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 64QAM-64QAM | 41391-41535 | 1RB#99-0RB#0   | 24.10 | 25.40 | 33.00 | PASS |
| 41-41 | 20MHz-10MHz | 64QAM-64QAM | 41391-41535 | 100RB#0-50RB#0 | 23.20 | 24.50 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | QPSK-QPSK   | 39703-39823 | 1RB#0-0RB#0    | 25.72 | 27.02 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | QPSK-QPSK   | 39703-39823 | 12RB#0-0RB#0   | 24.79 | 26.09 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | QPSK-QPSK   | 39703-39823 | 1RB#49-0RB#0   | 25.81 | 27.11 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | QPSK-QPSK   | 39703-39823 | 50RB#0-75RB#0  | 24.52 | 25.82 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | QPSK-QPSK   | 40549-40669 | 1RB#0-0RB#0    | 25.83 | 27.13 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | QPSK-QPSK   | 40549-40669 | 12RB#0-0RB#0   | 24.81 | 26.11 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | QPSK-QPSK   | 40549-40669 | 1RB#49-0RB#0   | 25.78 | 27.08 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | QPSK-QPSK   | 40549-40669 | 50RB#0-75RB#0  | 24.55 | 25.85 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | QPSK-QPSK   | 41395-41515 | 1RB#0-0RB#0    | 25.83 | 27.13 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | QPSK-QPSK   | 41395-41515 | 12RB#0-0RB#0   | 24.83 | 26.13 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | QPSK-QPSK   | 41395-41515 | 1RB#49-0RB#0   | 25.54 | 26.84 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | QPSK-QPSK   | 41395-41515 | 50RB#0-75RB#0  | 24.58 | 25.88 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM | 39703-39823 | 1RB#0-0RB#0    | 24.89 | 26.19 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM | 39703-39823 | 12RB#0-0RB#0   | 23.92 | 25.22 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM | 39703-39823 | 1RB#49-0RB#0   | 24.97 | 26.27 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM | 39703-39823 | 50RB#0-75RB#0  | 23.42 | 24.72 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM | 40549-40669 | 1RB#0-0RB#0    | 24.92 | 26.22 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM | 40549-40669 | 12RB#0-0RB#0   | 23.96 | 25.26 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM | 40549-40669 | 1RB#49-0RB#0   | 24.87 | 26.17 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM | 40549-40669 | 50RB#0-75RB#0  | 23.66 | 24.96 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM | 41395-41515 | 1RB#0-0RB#0    | 25.04 | 26.34 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM | 41395-41515 | 12RB#0-0RB#0   | 24.01 | 25.31 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM | 41395-41515 | 1RB#49-0RB#0   | 24.82 | 26.12 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 16QAM-16QAM | 41395-41515 | 50RB#0-75RB#0  | 23.68 | 24.98 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM | 39703-39823 | 1RB#0-0RB#0    | 24.31 | 25.61 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM | 39703-39823 | 12RB#0-0RB#0   | 24.04 | 25.34 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM | 39703-39823 | 1RB#49-0RB#0   | 24.30 | 25.60 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM | 39703-39823 | 50RB#0-75RB#0  | 23.35 | 24.65 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM | 40549-40669 | 1RB#0-0RB#0    | 24.36 | 25.66 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM | 40549-40669 | 12RB#0-0RB#0   | 24.10 | 25.40 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM | 40549-40669 | 1RB#49-0RB#0   | 24.41 | 25.71 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM | 40549-40669 | 50RB#0-75RB#0  | 23.66 | 24.96 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM | 41395-41515 | 1RB#0-0RB#0    | 24.29 | 25.59 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM | 41395-41515 | 12RB#0-0RB#0   | 24.04 | 25.34 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM | 41395-41515 | 1RB#49-0RB#0   | 24.15 | 25.45 | 33.00 | PASS |
| 41-41 | 10MHz-15MHz | 64QAM-64QAM | 41395-41515 | 50RB#0-75RB#0  | 23.73 | 25.03 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK   | 39725-39875 | 1RB#0-0RB#0    | 25.73 | 27.03 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK   | 39725-39875 | 16RB#0-0RB#0   | 24.67 | 25.97 | 33.00 | PASS |

|       |             |             |             |                |       |       |       |      |
|-------|-------------|-------------|-------------|----------------|-------|-------|-------|------|
| 41-41 | 15MHz-15MHz | QPSK-QPSK   | 39725-39875 | 1RB#74-0RB#0   | 25.78 | 27.08 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK   | 39725-39875 | 75RB#0-75RB#0  | 24.50 | 25.80 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK   | 40545-40695 | 1RB#0-0RB#0    | 25.70 | 27.00 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK   | 40545-40695 | 16RB#0-0RB#0   | 24.77 | 26.07 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK   | 40545-40695 | 1RB#74-0RB#0   | 25.86 | 27.16 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK   | 40545-40695 | 75RB#0-75RB#0  | 24.54 | 25.84 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK   | 41365-41515 | 1RB#0-0RB#0    | 25.88 | 27.18 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK   | 41365-41515 | 16RB#0-0RB#0   | 24.92 | 26.22 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK   | 41365-41515 | 1RB#74-0RB#0   | 25.57 | 26.87 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | QPSK-QPSK   | 41365-41515 | 75RB#0-75RB#0  | 24.56 | 25.86 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM | 39725-39875 | 1RB#0-0RB#0    | 24.83 | 26.13 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM | 39725-39875 | 16RB#0-0RB#0   | 24.29 | 25.59 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM | 39725-39875 | 1RB#74-0RB#0   | 24.88 | 26.18 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM | 39725-39875 | 75RB#0-75RB#0  | 23.54 | 24.84 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM | 40545-40695 | 1RB#0-0RB#0    | 24.89 | 26.19 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM | 40545-40695 | 16RB#0-0RB#0   | 24.49 | 25.79 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM | 40545-40695 | 1RB#74-0RB#0   | 24.96 | 26.26 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM | 40545-40695 | 75RB#0-75RB#0  | 23.59 | 24.89 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM | 41365-41515 | 1RB#0-0RB#0    | 25.04 | 26.34 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM | 41365-41515 | 16RB#0-0RB#0   | 24.52 | 25.82 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM | 41365-41515 | 1RB#74-0RB#0   | 24.91 | 26.21 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 16QAM-16QAM | 41365-41515 | 75RB#0-75RB#0  | 23.68 | 24.98 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM | 39725-39875 | 1RB#0-0RB#0    | 24.20 | 25.50 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM | 39725-39875 | 16RB#0-0RB#0   | 23.39 | 24.69 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM | 39725-39875 | 1RB#74-0RB#0   | 24.36 | 25.66 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM | 39725-39875 | 75RB#0-75RB#0  | 23.03 | 24.33 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM | 40545-40695 | 1RB#0-0RB#0    | 24.35 | 25.65 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM | 40545-40695 | 16RB#0-0RB#0   | 23.54 | 24.84 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM | 40545-40695 | 1RB#74-0RB#0   | 24.33 | 25.63 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM | 40545-40695 | 75RB#0-75RB#0  | 23.08 | 24.38 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM | 41365-41515 | 1RB#0-0RB#0    | 24.44 | 25.74 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM | 41365-41515 | 16RB#0-0RB#0   | 23.50 | 24.80 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM | 41365-41515 | 1RB#74-0RB#0   | 24.23 | 25.53 | 33.00 | PASS |
| 41-41 | 15MHz-15MHz | 64QAM-64QAM | 41365-41515 | 75RB#0-75RB#0  | 23.13 | 24.43 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK   | 39750-39921 | 1RB#0-0RB#0    | 25.69 | 26.99 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK   | 39750-39921 | 18RB#0-0RB#0   | 24.77 | 26.07 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK   | 39750-39921 | 1RB#99-0RB#0   | 25.87 | 27.17 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK   | 39750-39921 | 100RB#0-75RB#0 | 24.55 | 25.85 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK   | 40546-40717 | 1RB#0-0RB#0    | 25.86 | 27.16 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK   | 40546-40717 | 18RB#0-0RB#0   | 24.70 | 26.00 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK   | 40546-40717 | 1RB#99-0RB#0   | 25.82 | 27.12 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK   | 40546-40717 | 100RB#0-75RB#0 | 24.58 | 25.88 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK   | 41341-41512 | 1RB#0-0RB#0    | 25.91 | 27.21 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK   | 41341-41512 | 18RB#0-0RB#0   | 24.89 | 26.19 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK   | 41341-41512 | 1RB#99-0RB#0   | 25.57 | 26.87 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | QPSK-QPSK   | 41341-41512 | 100RB#0-75RB#0 | 24.53 | 25.83 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM | 39750-39921 | 1RB#0-0RB#0    | 24.83 | 26.13 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM | 39750-39921 | 18RB#0-0RB#0   | 23.92 | 25.22 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM | 39750-39921 | 1RB#99-0RB#0   | 25.05 | 26.35 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM | 39750-39921 | 100RB#0-75RB#0 | 23.52 | 24.82 | 33.00 | PASS |

|       |             |             |             |                |       |       |       |      |
|-------|-------------|-------------|-------------|----------------|-------|-------|-------|------|
| 41-41 | 20MHz-15MHz | 16QAM-16QAM | 40546-40717 | 1RB#0-0RB#0    | 25.09 | 26.39 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM | 40546-40717 | 18RB#0-0RB#0   | 23.81 | 25.11 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM | 40546-40717 | 1RB#99-0RB#0   | 24.93 | 26.23 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM | 40546-40717 | 100RB#0-75RB#0 | 23.62 | 24.92 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM | 41341-41512 | 1RB#0-0RB#0    | 25.02 | 26.32 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM | 41341-41512 | 18RB#0-0RB#0   | 24.06 | 25.36 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM | 41341-41512 | 1RB#99-0RB#0   | 24.87 | 26.17 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 16QAM-16QAM | 41341-41512 | 100RB#0-75RB#0 | 23.66 | 24.96 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM | 39750-39921 | 1RB#0-0RB#0    | 24.19 | 25.49 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM | 39750-39921 | 18RB#0-0RB#0   | 23.45 | 24.75 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM | 39750-39921 | 1RB#99-0RB#0   | 24.43 | 25.73 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM | 39750-39921 | 100RB#0-75RB#0 | 23.08 | 24.38 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM | 40546-40717 | 1RB#0-0RB#0    | 24.32 | 25.62 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM | 40546-40717 | 18RB#0-0RB#0   | 23.72 | 25.02 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM | 40546-40717 | 1RB#99-0RB#0   | 24.13 | 25.43 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM | 40546-40717 | 100RB#0-75RB#0 | 23.44 | 24.74 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM | 41341-41512 | 1RB#0-0RB#0    | 24.61 | 25.91 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM | 41341-41512 | 18RB#0-0RB#0   | 23.67 | 24.97 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM | 41341-41512 | 1RB#99-0RB#0   | 24.11 | 25.41 | 33.00 | PASS |
| 41-41 | 20MHz-15MHz | 64QAM-64QAM | 41341-41512 | 100RB#0-75RB#0 | 23.35 | 24.65 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK   | 39683-39800 | 1RB#0-0RB#0    | 25.70 | 27.00 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK   | 39683-39800 | 8RB#0-0RB#0    | 24.85 | 26.15 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK   | 39683-39800 | 1RB#24-0RB#0   | 25.71 | 27.01 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK   | 39683-39800 | 25RB#0-100RB#0 | 24.24 | 25.54 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK   | 40528-40645 | 1RB#0-0RB#0    | 25.67 | 26.97 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK   | 40528-40645 | 8RB#0-0RB#0    | 24.76 | 26.06 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK   | 40528-40645 | 1RB#24-0RB#0   | 25.69 | 26.99 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK   | 40528-40645 | 25RB#0-100RB#0 | 24.57 | 25.87 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK   | 41373-41490 | 1RB#0-0RB#0    | 25.96 | 27.26 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK   | 41373-41490 | 8RB#0-0RB#0    | 24.87 | 26.17 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK   | 41373-41490 | 1RB#24-0RB#0   | 25.96 | 27.26 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | QPSK-QPSK   | 41373-41490 | 25RB#0-100RB#0 | 24.58 | 25.88 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM | 39683-39800 | 1RB#0-0RB#0    | 24.92 | 26.22 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM | 39683-39800 | 8RB#0-0RB#0    | 23.97 | 25.27 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM | 39683-39800 | 1RB#24-0RB#0   | 24.78 | 26.08 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM | 39683-39800 | 25RB#0-100RB#0 | 23.39 | 24.69 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM | 40528-40645 | 1RB#0-0RB#0    | 25.00 | 26.30 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM | 40528-40645 | 8RB#0-0RB#0    | 23.96 | 25.26 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM | 40528-40645 | 1RB#24-0RB#0   | 24.82 | 26.12 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM | 40528-40645 | 25RB#0-100RB#0 | 23.76 | 25.06 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM | 41373-41490 | 1RB#0-0RB#0    | 25.33 | 26.63 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM | 41373-41490 | 8RB#0-0RB#0    | 24.00 | 25.30 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM | 41373-41490 | 1RB#24-0RB#0   | 25.01 | 26.31 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 16QAM-16QAM | 41373-41490 | 25RB#0-100RB#0 | 23.66 | 24.96 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM | 39683-39800 | 1RB#0-0RB#0    | 23.87 | 25.17 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM | 39683-39800 | 8RB#0-0RB#0    | 24.00 | 25.30 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM | 39683-39800 | 1RB#24-0RB#0   | 24.37 | 25.67 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM | 39683-39800 | 25RB#0-100RB#0 | 23.35 | 24.65 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM | 40528-40645 | 1RB#0-0RB#0    | 24.30 | 25.60 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM | 40528-40645 | 8RB#0-0RB#0    | 24.13 | 25.43 | 33.00 | PASS |

|       |             |             |             |                |       |       |       |      |
|-------|-------------|-------------|-------------|----------------|-------|-------|-------|------|
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM | 40528-40645 | 1RB#24-0RB#0   | 24.34 | 25.64 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM | 40528-40645 | 25RB#0-100RB#0 | 23.78 | 25.08 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM | 41373-41490 | 1RB#0-0RB#0    | 24.45 | 25.75 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM | 41373-41490 | 8RB#0-0RB#0    | 24.13 | 25.43 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM | 41373-41490 | 1RB#24-0RB#0   | 24.30 | 25.60 | 33.00 | PASS |
| 41-41 | 5MHz-20MHz  | 64QAM-64QAM | 41373-41490 | 25RB#0-100RB#0 | 23.63 | 24.93 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | QPSK-QPSK   | 39705-39849 | 1RB#0-0RB#0    | 25.72 | 27.02 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | QPSK-QPSK   | 39705-39849 | 12RB#0-0RB#0   | 24.87 | 26.17 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | QPSK-QPSK   | 39705-39849 | 1RB#49-0RB#0   | 25.74 | 27.04 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | QPSK-QPSK   | 39705-39849 | 50RB#0-100RB#0 | 24.58 | 25.88 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | QPSK-QPSK   | 40526-40670 | 1RB#0-0RB#0    | 25.86 | 27.16 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | QPSK-QPSK   | 40526-40670 | 12RB#0-0RB#0   | 24.73 | 26.03 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | QPSK-QPSK   | 40526-40670 | 1RB#49-0RB#0   | 25.84 | 27.14 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | QPSK-QPSK   | 40526-40670 | 50RB#0-100RB#0 | 24.57 | 25.87 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | QPSK-QPSK   | 41346-41490 | 1RB#0-0RB#0    | 25.90 | 27.20 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | QPSK-QPSK   | 41346-41490 | 12RB#0-0RB#0   | 24.98 | 26.28 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | QPSK-QPSK   | 41346-41490 | 1RB#49-0RB#0   | 25.72 | 27.02 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | QPSK-QPSK   | 41346-41490 | 50RB#0-100RB#0 | 24.55 | 25.85 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM | 39705-39849 | 1RB#0-0RB#0    | 24.89 | 26.19 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM | 39705-39849 | 12RB#0-0RB#0   | 23.96 | 25.26 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM | 39705-39849 | 1RB#49-0RB#0   | 24.91 | 26.21 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM | 39705-39849 | 50RB#0-100RB#0 | 23.52 | 24.82 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM | 40526-40670 | 1RB#0-0RB#0    | 25.00 | 26.30 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM | 40526-40670 | 12RB#0-0RB#0   | 23.85 | 25.15 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM | 40526-40670 | 1RB#49-0RB#0   | 24.97 | 26.27 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM | 40526-40670 | 50RB#0-100RB#0 | 23.68 | 24.98 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM | 41346-41490 | 1RB#0-0RB#0    | 25.21 | 26.51 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM | 41346-41490 | 12RB#0-0RB#0   | 24.13 | 25.43 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM | 41346-41490 | 1RB#49-0RB#0   | 24.92 | 26.22 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 16QAM-16QAM | 41346-41490 | 50RB#0-100RB#0 | 23.68 | 24.98 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM | 39705-39849 | 1RB#0-0RB#0    | 24.22 | 25.52 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM | 39705-39849 | 12RB#0-0RB#0   | 23.97 | 25.27 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM | 39705-39849 | 1RB#49-0RB#0   | 24.29 | 25.59 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM | 39705-39849 | 50RB#0-100RB#0 | 23.22 | 24.52 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM | 40526-40670 | 1RB#0-0RB#0    | 24.45 | 25.75 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM | 40526-40670 | 12RB#0-0RB#0   | 24.01 | 25.31 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM | 40526-40670 | 1RB#49-0RB#0   | 24.38 | 25.68 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM | 40526-40670 | 50RB#0-100RB#0 | 23.69 | 24.99 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM | 41346-41490 | 1RB#0-0RB#0    | 24.66 | 25.96 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM | 41346-41490 | 12RB#0-0RB#0   | 24.22 | 25.52 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM | 41346-41490 | 1RB#49-0RB#0   | 24.25 | 25.55 | 33.00 | PASS |
| 41-41 | 10MHz-20MHz | 64QAM-64QAM | 41346-41490 | 50RB#0-100RB#0 | 23.75 | 25.05 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK   | 39728-39899 | 1RB#0-0RB#0    | 25.68 | 26.98 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK   | 39728-39899 | 16RB#0-0RB#0   | 24.83 | 26.13 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK   | 39728-39899 | 1RB#74-0RB#0   | 25.72 | 27.02 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK   | 39728-39899 | 75RB#0-100RB#0 | 24.52 | 25.82 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK   | 40523-40694 | 1RB#0-0RB#0    | 25.69 | 26.99 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK   | 40523-40694 | 16RB#0-0RB#0   | 24.75 | 26.05 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK   | 40523-40694 | 1RB#74-0RB#0   | 25.62 | 26.92 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK   | 40523-40694 | 75RB#0-100RB#0 | 24.66 | 25.96 | 33.00 | PASS |

|       |             |             |             |                 |       |       |       |      |
|-------|-------------|-------------|-------------|-----------------|-------|-------|-------|------|
| 41-41 | 15MHz-20MHz | QPSK-QPSK   | 41319-41490 | 1RB#0-0RB#0     | 25.86 | 27.16 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK   | 41319-41490 | 16RB#0-0RB#0    | 25.04 | 26.34 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK   | 41319-41490 | 1RB#74-0RB#0    | 25.75 | 27.05 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | QPSK-QPSK   | 41319-41490 | 75RB#0-100RB#0  | 24.64 | 25.94 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM | 39728-39899 | 1RB#0-0RB#0     | 24.91 | 26.21 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM | 39728-39899 | 16RB#0-0RB#0    | 24.50 | 25.80 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM | 39728-39899 | 1RB#74-0RB#0    | 25.22 | 26.52 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM | 39728-39899 | 75RB#0-100RB#0  | 23.62 | 24.92 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM | 40523-40694 | 1RB#0-0RB#0     | 24.89 | 26.19 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM | 40523-40694 | 16RB#0-0RB#0    | 24.35 | 25.65 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM | 40523-40694 | 1RB#74-0RB#0    | 24.91 | 26.21 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM | 40523-40694 | 75RB#0-100RB#0  | 23.64 | 24.94 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM | 41319-41490 | 1RB#0-0RB#0     | 25.14 | 26.44 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM | 41319-41490 | 16RB#0-0RB#0    | 24.60 | 25.90 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM | 41319-41490 | 1RB#74-0RB#0    | 24.89 | 26.19 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 16QAM-16QAM | 41319-41490 | 75RB#0-100RB#0  | 23.62 | 24.92 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM | 39728-39899 | 1RB#0-0RB#0     | 24.27 | 25.57 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM | 39728-39899 | 16RB#0-0RB#0    | 23.90 | 25.20 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM | 39728-39899 | 1RB#74-0RB#0    | 24.35 | 25.65 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM | 39728-39899 | 75RB#0-100RB#0  | 23.25 | 24.55 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM | 40523-40694 | 1RB#0-0RB#0     | 24.23 | 25.53 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM | 40523-40694 | 16RB#0-0RB#0    | 23.91 | 25.21 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM | 40523-40694 | 1RB#74-0RB#0    | 24.44 | 25.74 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM | 40523-40694 | 75RB#0-100RB#0  | 23.66 | 24.96 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM | 41319-41490 | 1RB#0-0RB#0     | 24.37 | 25.67 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM | 41319-41490 | 16RB#0-0RB#0    | 24.18 | 25.48 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM | 41319-41490 | 1RB#74-0RB#0    | 24.26 | 25.56 | 33.00 | PASS |
| 41-41 | 15MHz-20MHz | 64QAM-64QAM | 41319-41490 | 75RB#0-100RB#0  | 23.79 | 25.09 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK   | 39750-39948 | 1RB#0-0RB#0     | 25.78 | 27.08 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK   | 39750-39948 | 18RB#0-0RB#0    | 24.65 | 25.95 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK   | 39750-39948 | 1RB#99-0RB#0    | 25.77 | 27.07 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK   | 39750-39948 | 100RB#0-100RB#0 | 24.46 | 25.76 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK   | 40521-40719 | 1RB#0-0RB#0     | 25.75 | 27.05 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK   | 40521-40719 | 18RB#0-0RB#0    | 24.78 | 26.08 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK   | 40521-40719 | 1RB#99-0RB#0    | 25.75 | 27.05 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK   | 40521-40719 | 100RB#0-100RB#0 | 24.61 | 25.91 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK   | 41292-41490 | 1RB#0-0RB#0     | 25.93 | 27.23 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK   | 41292-41490 | 18RB#0-0RB#0    | 25.03 | 26.33 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK   | 41292-41490 | 1RB#99-0RB#0    | 25.77 | 27.07 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | QPSK-QPSK   | 41292-41490 | 100RB#0-100RB#0 | 24.66 | 25.96 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM | 39750-39948 | 1RB#0-0RB#0     | 24.85 | 26.15 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM | 39750-39948 | 18RB#0-0RB#0    | 24.39 | 25.69 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM | 39750-39948 | 1RB#99-0RB#0    | 25.03 | 26.33 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM | 39750-39948 | 100RB#0-100RB#0 | 23.66 | 24.96 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM | 40521-40719 | 1RB#0-0RB#0     | 25.07 | 26.37 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM | 40521-40719 | 18RB#0-0RB#0    | 24.46 | 25.76 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM | 40521-40719 | 1RB#99-0RB#0    | 24.94 | 26.24 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM | 40521-40719 | 100RB#0-100RB#0 | 23.67 | 24.97 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM | 41292-41490 | 1RB#0-0RB#0     | 25.01 | 26.31 | 33.00 | PASS |

|       |             |             |             |                 |       |       |       |      |
|-------|-------------|-------------|-------------|-----------------|-------|-------|-------|------|
| 41-41 | 20MHz-20MHz | 16QAM-16QAM | 41292-41490 | 18RB#0-0RB#0    | 24.45 | 25.75 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM | 41292-41490 | 1RB#99-0RB#0    | 24.92 | 26.22 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 16QAM-16QAM | 41292-41490 | 100RB#0-100RB#0 | 23.76 | 25.06 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM | 39750-39948 | 1RB#0-0RB#0     | 24.18 | 25.48 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM | 39750-39948 | 18RB#0-0RB#0    | 23.94 | 25.24 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM | 39750-39948 | 1RB#99-0RB#0    | 24.29 | 25.59 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM | 39750-39948 | 100RB#0-100RB#0 | 23.26 | 24.56 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM | 40521-40719 | 1RB#0-0RB#0     | 24.33 | 25.63 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM | 40521-40719 | 18RB#0-0RB#0    | 23.90 | 25.20 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM | 40521-40719 | 1RB#99-0RB#0    | 24.30 | 25.60 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM | 40521-40719 | 100RB#0-100RB#0 | 23.76 | 25.06 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM | 41292-41490 | 1RB#0-0RB#0     | 24.37 | 25.67 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM | 41292-41490 | 18RB#0-0RB#0    | 24.16 | 25.46 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM | 41292-41490 | 1RB#99-0RB#0    | 24.27 | 25.57 | 33.00 | PASS |
| 41-41 | 20MHz-20MHz | 64QAM-64QAM | 41292-41490 | 100RB#0-100RB#0 | 23.68 | 24.98 | 33.00 | PASS |

## Transmitter Conducted Power Output

## Test Result for LTE Band 26

Ant1:

| LTE Band 26(814-824) |            |         |           |                     |                     |                     |                  |
|----------------------|------------|---------|-----------|---------------------|---------------------|---------------------|------------------|
| Bandwidth            | Modulation | RB size | RB offset | Channel             | Channel             | Channel             | EIRP Limit (dBm) |
|                      |            |         |           | Power(dBm)<br>26697 | Power(dBm)<br>26740 | Power(dBm)<br>26783 |                  |
| 1.4MHz               | QPSK       | 1       | 0         | 23.15               | 23.16               | 23.14               | 50.00            |
|                      |            | 1       | 2         | 23.12               | 23.15               | 23.05               | 50.00            |
|                      |            | 1       | 5         | 23.13               | 23.15               | 22.93               | 50.00            |
|                      |            | 3       | 0         | 23.14               | 23.19               | 23.15               | 50.00            |
|                      |            | 3       | 2         | 23.14               | 23.12               | 23.16               | 50.00            |
|                      |            | 3       | 3         | 23.22               | 23.02               | 22.96               | 50.00            |
|                      |            | 6       | 0         | 22.01               | 22.14               | 22.03               | 50.00            |
|                      | 16QAM      | 1       | 0         | 22.22               | 22.37               | 22.39               | 50.00            |
|                      |            | 1       | 2         | 22.54               | 22.41               | 22.51               | 50.00            |
|                      |            | 1       | 5         | 22.31               | 22.63               | 22.25               | 50.00            |
|                      |            | 3       | 0         | 22.30               | 22.32               | 22.50               | 50.00            |
|                      |            | 3       | 2         | 22.46               | 22.39               | 22.49               | 50.00            |
|                      |            | 3       | 3         | 22.28               | 22.57               | 22.17               | 50.00            |
|                      |            | 6       | 0         | 21.05               | 21.18               | 21.05               | 50.00            |
|                      | 64QAM      | 1       | 0         | 21.38               | 21.46               | 21.40               | 50.00            |
|                      |            | 1       | 2         | 21.41               | 21.36               | 21.24               | 50.00            |
|                      |            | 1       | 5         | 21.37               | 21.36               | 21.01               | 50.00            |
|                      |            | 3       | 0         | 21.43               | 21.49               | 21.43               | 50.00            |
|                      |            | 3       | 2         | 21.47               | 21.46               | 21.34               | 50.00            |
|                      |            | 3       | 3         | 21.34               | 21.37               | 21.10               | 50.00            |
|                      |            | 6       | 0         | 20.08               | 20.14               | 20.16               | 50.00            |
| Bandwidth            | Modulation | RB size | RB offset | Channel             | Channel             | Channel             | EIRP Limit (dBm) |
|                      |            |         |           | Power(dBm)<br>26705 | Power(dBm)<br>26740 | Power(dBm)<br>26775 |                  |
| 3MHz                 | QPSK       | 1       | 0         | 23.31               | 23.25               | 23.15               | 50.00            |
|                      |            | 1       | 7         | 23.06               | 23.21               | 23.10               | 50.00            |
|                      |            | 1       | 14        | 23.22               | 23.19               | 23.01               | 50.00            |
|                      |            | 8       | 0         | 22.03               | 22.08               | 22.21               | 50.00            |
|                      |            | 8       | 4         | 22.26               | 22.22               | 22.25               | 50.00            |
|                      |            | 8       | 7         | 21.99               | 22.00               | 21.99               | 50.00            |
|                      |            | 15      | 0         | 22.17               | 22.03               | 22.16               | 50.00            |
|                      | 16QAM      | 1       | 0         | 22.27               | 22.34               | 22.51               | 50.00            |
|                      |            | 1       | 7         | 22.39               | 22.37               | 22.39               | 50.00            |
|                      |            | 1       | 14        | 22.34               | 22.64               | 22.24               | 50.00            |
|                      |            | 8       | 0         | 21.05               | 21.32               | 21.10               | 50.00            |
|                      |            | 8       | 4         | 21.22               | 21.17               | 21.09               | 50.00            |
|                      |            | 8       | 7         | 21.03               | 20.95               | 21.08               | 50.00            |
|                      |            | 15      | 0         | 20.99               | 21.13               | 21.00               | 50.00            |
|                      | 64QAM      | 1       | 0         | 21.53               | 21.45               | 21.43               | 50.00            |
|                      |            | 1       | 7         | 21.45               | 21.36               | 21.24               | 50.00            |
|                      |            | 1       | 14        | 21.31               | 21.25               | 21.06               | 50.00            |
|                      |            | 8       | 0         | 20.16               | 20.19               | 20.16               | 50.00            |
|                      |            | 8       | 4         | 20.19               | 20.23               | 20.15               | 50.00            |

|           |            | 8       | 7         | 20.14            | 20.12            | 19.95            | 50.00            |
|-----------|------------|---------|-----------|------------------|------------------|------------------|------------------|
|           |            | 15      | 0         | 20.04            | 20.10            | 20.18            | 50.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel          | Channel          | Channel          | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm) 26715 | Power(dBm) 26740 | Power(dBm) 26765 |                  |
| 5MHz      | QPSK       | 1       | 0         | 23.28            | 23.11            | 23.17            | 50.00            |
|           |            | 1       | 13        | 23.11            | 23.11            | 23.15            | 50.00            |
|           |            | 1       | 24        | 23.23            | 23.15            | 22.98            | 50.00            |
|           |            | 12      | 0         | 22.07            | 22.13            | 22.24            | 50.00            |
|           |            | 12      | 6         | 22.16            | 22.19            | 22.23            | 50.00            |
|           |            | 12      | 13        | 21.96            | 21.93            | 22.12            | 50.00            |
|           |            | 25      | 0         | 22.04            | 22.02            | 22.00            | 50.00            |
|           | 16QAM      | 1       | 0         | 22.24            | 22.36            | 22.43            | 50.00            |
|           |            | 1       | 13        | 22.44            | 22.37            | 22.36            | 50.00            |
|           |            | 1       | 24        | 22.26            | 22.65            | 22.16            | 50.00            |
|           |            | 12      | 0         | 21.15            | 21.27            | 21.12            | 50.00            |
|           |            | 12      | 6         | 21.26            | 21.18            | 21.09            | 50.00            |
|           |            | 12      | 13        | 21.07            | 21.10            | 20.93            | 50.00            |
|           |            | 25      | 0         | 21.14            | 21.18            | 21.01            | 50.00            |
|           | 64QAM      | 1       | 0         | 21.45            | 21.57            | 21.34            | 50.00            |
|           |            | 1       | 13        | 21.45            | 21.46            | 21.26            | 50.00            |
|           |            | 1       | 24        | 21.36            | 21.36            | 21.16            | 50.00            |
|           |            | 12      | 0         | 20.18            | 20.11            | 20.14            | 50.00            |
|           |            | 12      | 6         | 20.30            | 20.16            | 20.27            | 50.00            |
|           |            | 12      | 13        | 20.09            | 19.97            | 20.04            | 50.00            |
|           |            | 25      | 0         | 20.02            | 20.03            | 20.12            | 50.00            |
| Bandwidth | Modulation | RB size | RB offset | Channel          | Channel          | Channel          | EIRP Limit (dBm) |
|           |            |         |           | Power(dBm) 26740 | Power(dBm) 26740 | Power(dBm) 26740 |                  |
| 10MHz     | QPSK       | 1       | 0         | 23.30            | 23.21            | 23.23            | 50.00            |
|           |            | 1       | 25        | 23.21            | 23.07            | 23.15            | 50.00            |
|           |            | 1       | 49        | 23.07            | 23.20            | 23.07            | 50.00            |
|           |            | 25      | 0         | 22.20            | 22.14            | 22.15            | 50.00            |
|           |            | 25      | 13        | 22.28            | 22.12            | 22.11            | 50.00            |
|           |            | 25      | 25        | 21.92            | 21.99            | 22.05            | 50.00            |
|           |            | 50      | 0         | 22.04            | 22.10            | 22.03            | 50.00            |
|           | 16QAM      | 1       | 0         | 22.32            | 22.46            | 22.48            | 50.00            |
|           |            | 1       | 25        | 22.48            | 22.45            | 22.44            | 50.00            |
|           |            | 1       | 49        | 22.35            | 22.66            | 22.12            | 50.00            |
|           |            | 25      | 0         | 21.12            | 21.28            | 21.01            | 50.00            |
|           |            | 25      | 13        | 21.17            | 21.31            | 21.13            | 50.00            |
|           |            | 25      | 25        | 21.02            | 20.97            | 21.05            | 50.00            |
|           |            | 50      | 0         | 21.03            | 21.10            | 20.99            | 50.00            |
|           | 64QAM      | 1       | 0         | 21.50            | 21.61            | 21.36            | 50.00            |
|           |            | 1       | 25        | 21.37            | 21.42            | 21.28            | 50.00            |
|           |            | 1       | 49        | 21.23            | 21.34            | 21.02            | 50.00            |
|           |            | 25      | 0         | 20.14            | 20.14            | 20.15            | 50.00            |
|           |            | 25      | 13        | 20.25            | 20.26            | 20.16            | 50.00            |
|           |            | 25      | 25        | 20.01            | 19.97            | 20.03            | 50.00            |
|           |            | 50      | 0         | 20.10            | 20.13            | 20.19            | 50.00            |

## Maximum\_power\_spectral\_density

## Test Result for LTE Band 48

Ant1:

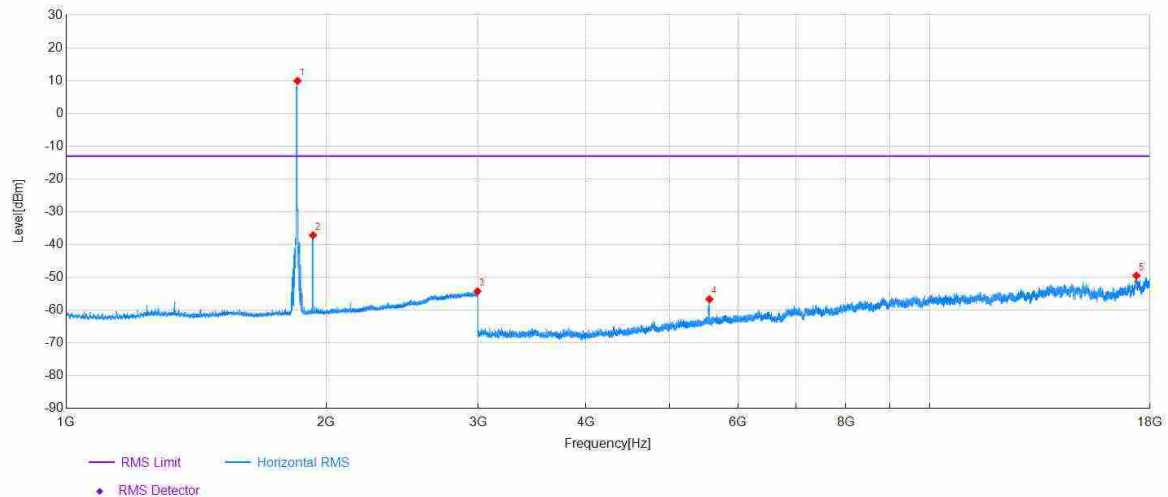
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm/8MHz) | Result (dBm/10MHz) | EIRP (dBm/10MHz) | Limit (dBm/10MHz) | Verdict |
|--------|-----------|------------|---------|------------------|-------------------|--------------------|------------------|-------------------|---------|
| Band48 | 5MHz      | QPSK       | 55265   | 25RB#0           | 15.44             | 16.41              | 16.80            | 23                | PASS    |
| Band48 | 5MHz      | 16QAM      | 55265   | 25RB#0           | 14.45             | 15.42              | 15.81            | 23                | PASS    |
| Band48 | 5MHz      | 64QAM      | 55265   | 25RB#0           | 13.57             | 14.54              | 14.93            | 23                | PASS    |
| Band48 | 5MHz      | QPSK       | 55990   | 25RB#0           | 15.95             | 16.92              | 17.31            | 23                | PASS    |
| Band48 | 5MHz      | 16QAM      | 55990   | 25RB#0           | 14.99             | 15.96              | 16.35            | 23                | PASS    |
| Band48 | 5MHz      | 64QAM      | 55990   | 25RB#0           | 14.07             | 15.04              | 15.43            | 23                | PASS    |
| Band48 | 5MHz      | QPSK       | 56715   | 25RB#0           | 15.93             | 16.90              | 17.29            | 23                | PASS    |
| Band48 | 5MHz      | 16QAM      | 56715   | 25RB#0           | 14.97             | 15.94              | 16.33            | 23                | PASS    |
| Band48 | 5MHz      | 64QAM      | 56715   | 25RB#0           | 14.03             | 15.00              | 15.39            | 23                | PASS    |
| Band48 | 10MHz     | QPSK       | 55290   | 50RB#0           | 14.20             | 15.17              | 15.56            | 23                | PASS    |
| Band48 | 10MHz     | 16QAM      | 55290   | 50RB#0           | 13.29             | 14.26              | 14.65            | 23                | PASS    |
| Band48 | 10MHz     | 64QAM      | 55290   | 50RB#0           | 12.46             | 13.43              | 13.82            | 23                | PASS    |
| Band48 | 10MHz     | QPSK       | 55990   | 50RB#0           | 14.86             | 15.83              | 16.22            | 23                | PASS    |
| Band48 | 10MHz     | 16QAM      | 55990   | 50RB#0           | 13.91             | 14.88              | 15.27            | 23                | PASS    |
| Band48 | 10MHz     | 64QAM      | 55990   | 50RB#0           | 12.99             | 13.96              | 14.35            | 23                | PASS    |
| Band48 | 10MHz     | QPSK       | 56690   | 50RB#0           | 14.80             | 15.77              | 16.16            | 23                | PASS    |
| Band48 | 10MHz     | 16QAM      | 56690   | 50RB#0           | 13.88             | 14.85              | 15.24            | 23                | PASS    |
| Band48 | 10MHz     | 64QAM      | 56690   | 50RB#0           | 12.94             | 13.91              | 14.30            | 23                | PASS    |
| Band48 | 15MHz     | QPSK       | 55315   | 75RB#0           | 13.03             | 14.00              | 14.39            | 23                | PASS    |
| Band48 | 15MHz     | 16QAM      | 55315   | 75RB#0           | 12.05             | 13.02              | 13.41            | 23                | PASS    |
| Band48 | 15MHz     | 64QAM      | 55315   | 75RB#0           | 10.92             | 11.89              | 12.28            | 23                | PASS    |
| Band48 | 15MHz     | QPSK       | 55990   | 75RB#0           | 13.49             | 14.46              | 14.85            | 23                | PASS    |
| Band48 | 15MHz     | 16QAM      | 55990   | 75RB#0           | 12.48             | 13.45              | 13.84            | 23                | PASS    |
| Band48 | 15MHz     | 64QAM      | 55990   | 75RB#0           | 11.55             | 12.52              | 12.91            | 23                | PASS    |
| Band48 | 15MHz     | QPSK       | 56665   | 75RB#0           | 13.52             | 14.49              | 14.88            | 23                | PASS    |
| Band48 | 15MHz     | 16QAM      | 56665   | 75RB#0           | 12.55             | 13.52              | 13.91            | 23                | PASS    |
| Band48 | 15MHz     | 64QAM      | 56665   | 75RB#0           | 11.60             | 12.57              | 12.96            | 23                | PASS    |
| Band48 | 20MHz     | QPSK       | 55340   | 100RB#0          | 11.76             | 12.73              | 13.12            | 23                | PASS    |
| Band48 | 20MHz     | 16QAM      | 55340   | 100RB#0          | 10.72             | 11.69              | 12.08            | 23                | PASS    |
| Band48 | 20MHz     | 64QAM      | 55340   | 100RB#0          | 9.75              | 10.72              | 11.11            | 23                | PASS    |
| Band48 | 20MHz     | QPSK       | 55990   | 100RB#0          | 12.18             | 13.15              | 13.54            | 23                | PASS    |
| Band48 | 20MHz     | 16QAM      | 55990   | 100RB#0          | 11.14             | 12.11              | 12.50            | 23                | PASS    |
| Band48 | 20MHz     | 64QAM      | 55990   | 100RB#0          | 10.26             | 11.23              | 11.62            | 23                | PASS    |
| Band48 | 20MHz     | QPSK       | 56640   | 100RB#0          | 12.31             | 13.28              | 13.67            | 23                | PASS    |
| Band48 | 20MHz     | 16QAM      | 56640   | 100RB#0          | 11.23             | 12.20              | 12.59            | 23                | PASS    |
| Band48 | 20MHz     | 64QAM      | 56640   | 100RB#0          | 10.32             | 11.29              | 11.68            | 23                | PASS    |

## Field Strength of Spurious Radiation

## Test Result for WCDMA

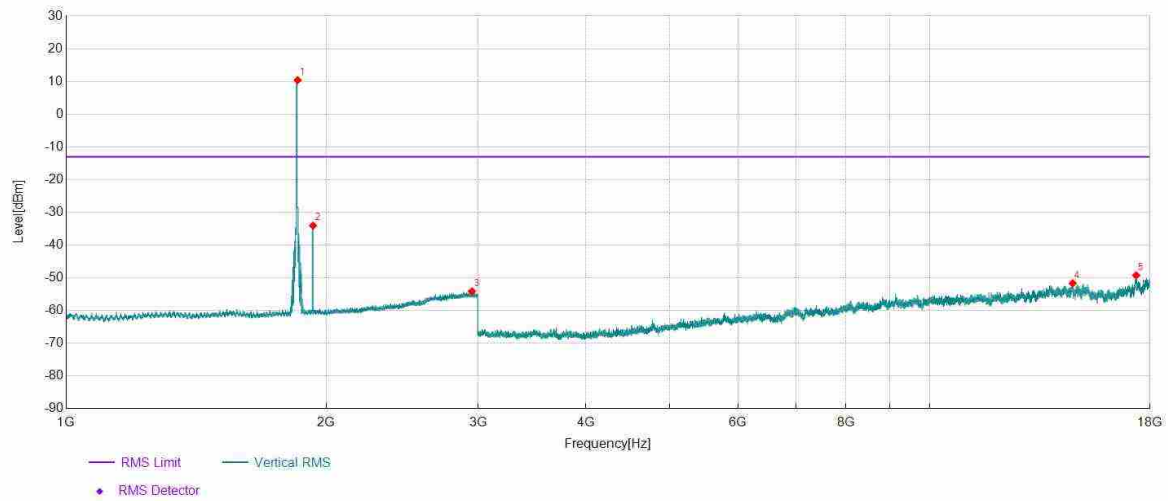
| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band II     |
| Bandwidth:          | /               | Channel:  | Low         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

## Test Graph



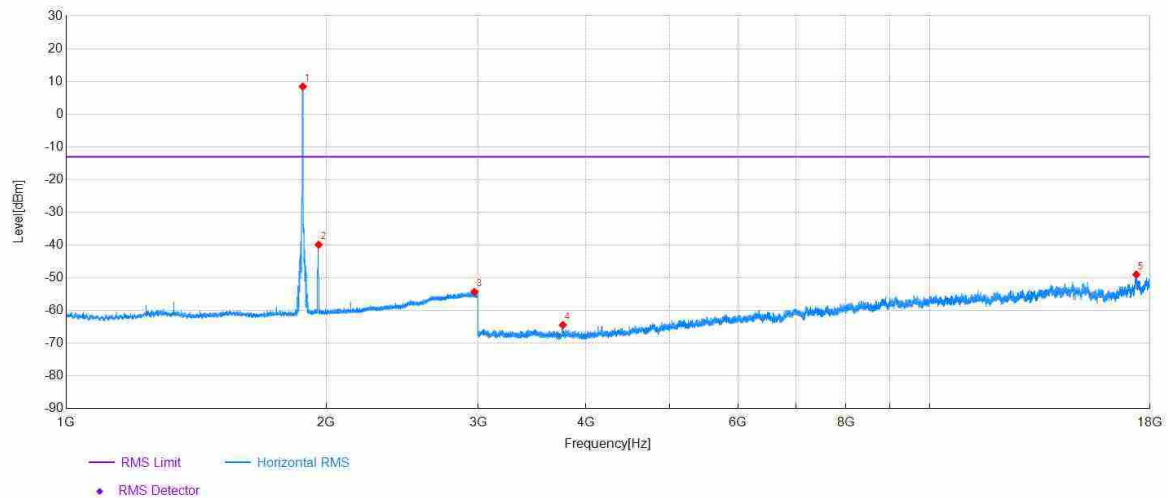
| Data List |             |                |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   | Verdict |
| 1         | 1853.40     | 105.05         | -95.14      | 9.91        | -           | -           | Horizontal | NA      |
| 2         | 1931.40     | 57.51          | -94.67      | -37.16      | -           | -           | Horizontal | NA      |
| 3         | 2995.00     | 36.61          | -90.89      | -54.28      | -13.00      | 41.28       | Horizontal | PASS    |
| 4         | 5560.00     | 44.64          | -101.33     | -56.69      | -13.00      | 43.69       | Horizontal | PASS    |
| 5         | 17359.50    | 33.28          | -82.77      | -49.49      | -13.00      | 36.49       | Horizontal | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band II     |
| Bandwidth:          | /               | Channel:  | Low         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

**Test Graph**

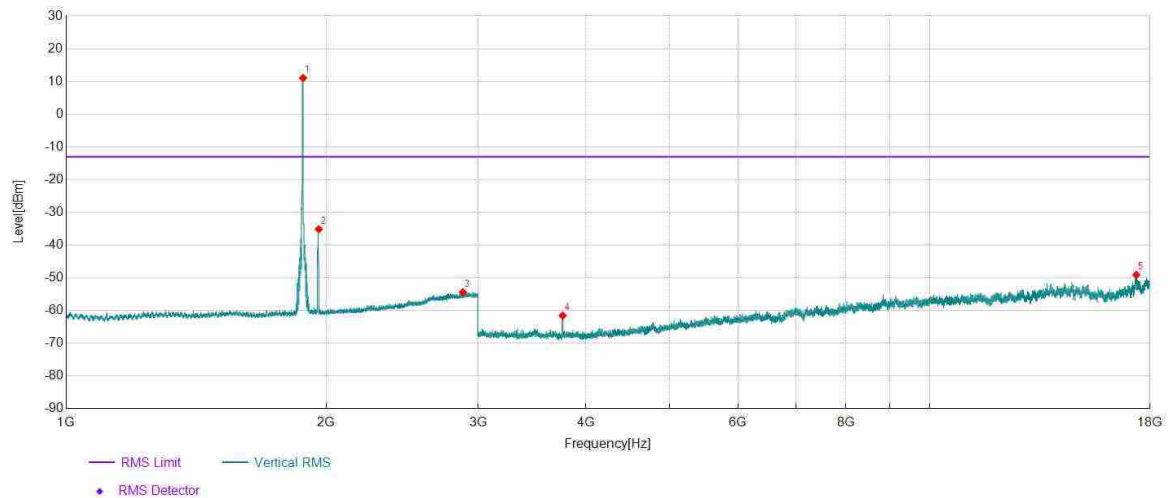
| Data List |             |                |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity | Verdict |
| 1         | 1853.80     | 105.52         | -95.14      | 10.38       | -           | -           | Vertical | NA      |
| 2         | 1931.60     | 60.60          | -94.66      | -34.06      | -           | -           | Vertical | NA      |
| 3         | 2950.80     | 36.31          | -90.45      | -54.14      | -13.00      | 41.14       | Vertical | PASS    |
| 4         | 14646.50    | 33.72          | -85.42      | -51.70      | -13.00      | 38.70       | Vertical | PASS    |
| 5         | 17347.50    | 33.27          | -82.51      | -49.24      | -13.00      | 36.24       | Vertical | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band II     |
| Bandwidth:          | /               | Channel:  | Low         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

**Test Graph**

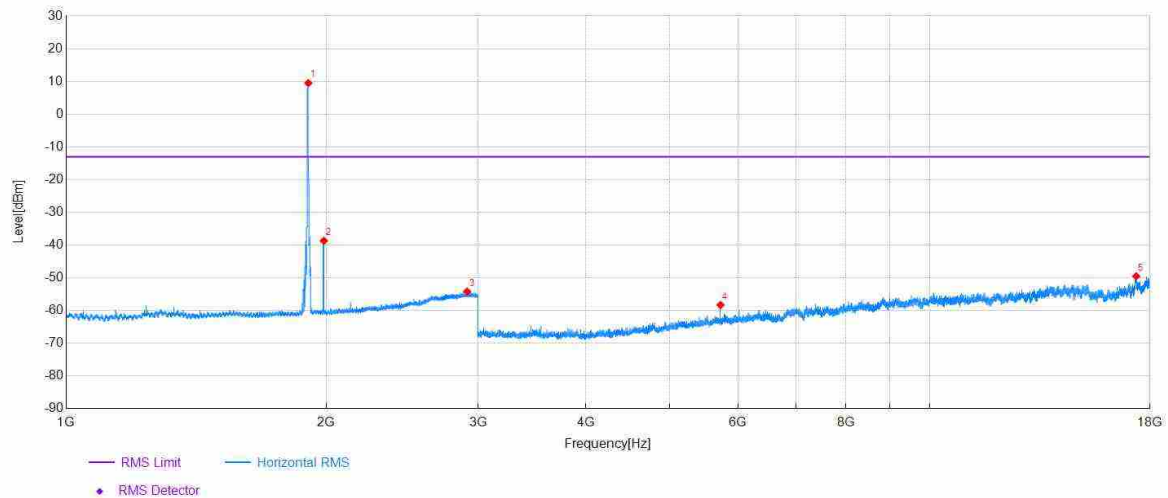
| Data List |             |                |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   | Verdict |
| 1         | 1879.60     | 103.44         | -95.02      | 8.42        | -           | -           | Horizontal | NA      |
| 2         | 1961.00     | 54.69          | -94.62      | -39.93      | -           | -           | Horizontal | NA      |
| 3         | 2970.80     | 36.36          | -90.65      | -54.29      | -13.00      | 41.29       | Horizontal | PASS    |
| 4         | 3761.00     | 42.82          | -107.24     | -64.42      | -13.00      | 51.42       | Horizontal | PASS    |
| 5         | 17355.00    | 33.59          | -82.59      | -49.00      | -13.00      | 36.00       | Horizontal | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band II     |
| Bandwidth:          | /               | Channel:  | Mid         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

**Test Graph**

| Data List |             |                |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity | Verdict |
| 1         | 1881.00     | 106.07         | -95.01      | 11.06       | -           | -           | Vertical | NA      |
| 2         | 1961.20     | 59.46          | -94.62      | -35.16      | -           | -           | Vertical | NA      |
| 3         | 2880.20     | 36.22          | -90.64      | -54.42      | -13.00      | 41.42       | Vertical | PASS    |
| 4         | 3758.50     | 45.71          | -107.27     | -61.56      | -13.00      | 48.56       | Vertical | PASS    |
| 5         | 17355.50    | 33.49          | -82.61      | -49.12      | -13.00      | 36.12       | Vertical | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band II     |
| Bandwidth:          | /               | Channel:  | Mid         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

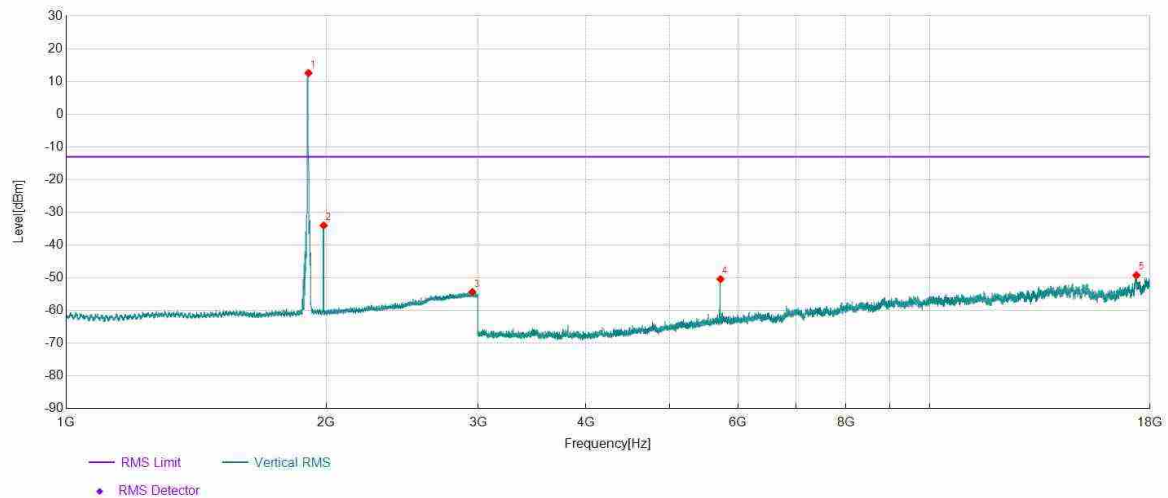
**Test Graph**

| Data List |             |                |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   | Verdict |
| 1         | 1907.60     | 104.34         | -94.85      | 9.49        | -           | -           | Horizontal | NA      |
| 2         | 1988.20     | 56.18          | -94.90      | -38.72      | -           | -           | Horizontal | NA      |
| 3         | 2913.20     | 36.29          | -90.49      | -54.20      | -13.00      | 41.20       | Horizontal | PASS    |
| 4         | 5726.00     | 42.44          | -100.76     | -58.32      | -13.00      | 45.32       | Horizontal | PASS    |
| 5         | 17349.50    | 32.88          | -82.42      | -49.54      | -13.00      | 36.54       | Horizontal | PASS    |

## Project Information

|            |                 |           |             |
|------------|-----------------|-----------|-------------|
| Mode:      | WCDMA           | Band:     | Band II     |
| Bandwidth: | /               | Channel:  | Mid         |
| IMEI:      | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:    | Polarity: Z     |           |             |

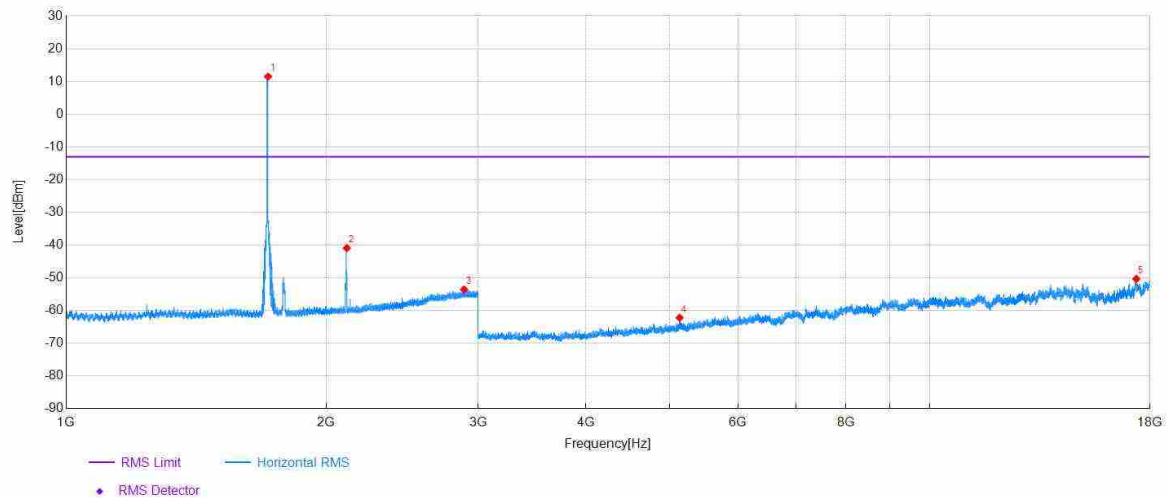
## Test Graph



## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|----------|---------|
| 1   | 1908.40     | 107.41         | -94.85      | 12.56       | -           | -           | Vertical | NA      |
| 2   | 1987.00     | 60.87          | -94.90      | -34.03      | -           | -           | Vertical | NA      |
| 3   | 2953.80     | 36.14          | -90.48      | -54.34      | -13.00      | 41.34       | Vertical | PASS    |
| 4   | 5725.50     | 50.35          | -100.76     | -50.41      | -13.00      | 37.41       | Vertical | PASS    |
| 5   | 17360.00    | 33.57          | -82.79      | -49.22      | -13.00      | 36.22       | Vertical | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band IV     |
| Bandwidth:          | /               | Channel:  | Low         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

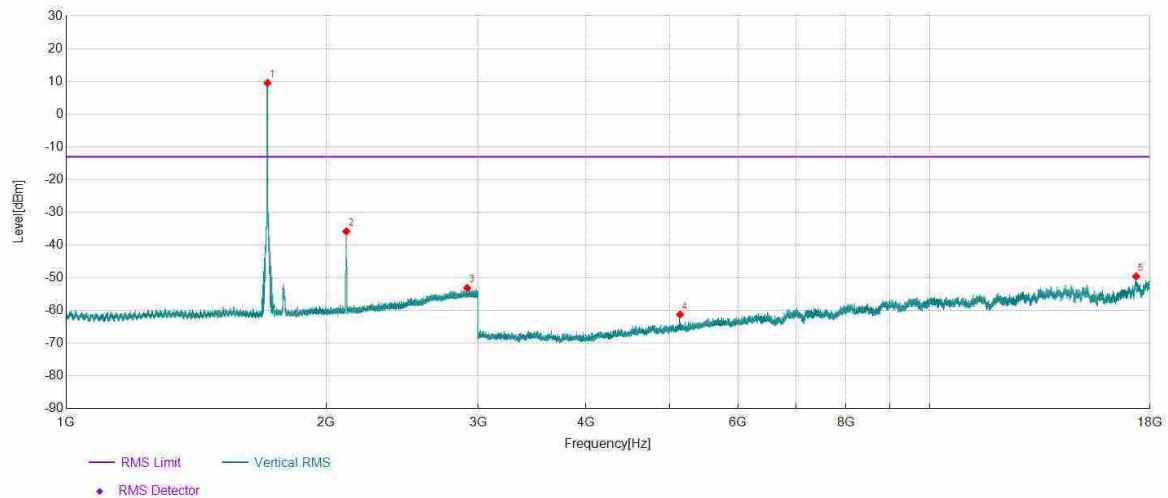
**Test Graph**

| Data List |             |                |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   | Verdict |
| 1         | 1713.50     | 106.55         | -95.09      | 11.46       | -           | -           | Horizontal | NA      |
| 2         | 2113.80     | 53.82          | -94.73      | -40.91      | -           | -           | Horizontal | NA      |
| 3         | 2889.20     | 36.98          | -90.58      | -53.60      | -13.00      | 40.60       | Horizontal | PASS    |
| 4         | 5134.00     | 40.00          | -102.20     | -62.20      | -13.00      | 49.20       | Horizontal | PASS    |
| 5         | 17351.50    | 32.13          | -82.46      | -50.33      | -13.00      | 37.33       | Horizontal | PASS    |

## Project Information

|            |                 |           |             |
|------------|-----------------|-----------|-------------|
| Mode:      | WCDMA           | Band:     | Band IV     |
| Bandwidth: | /               | Channel:  | Low         |
| IMEI:      | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:    | Polarity: Z     |           |             |

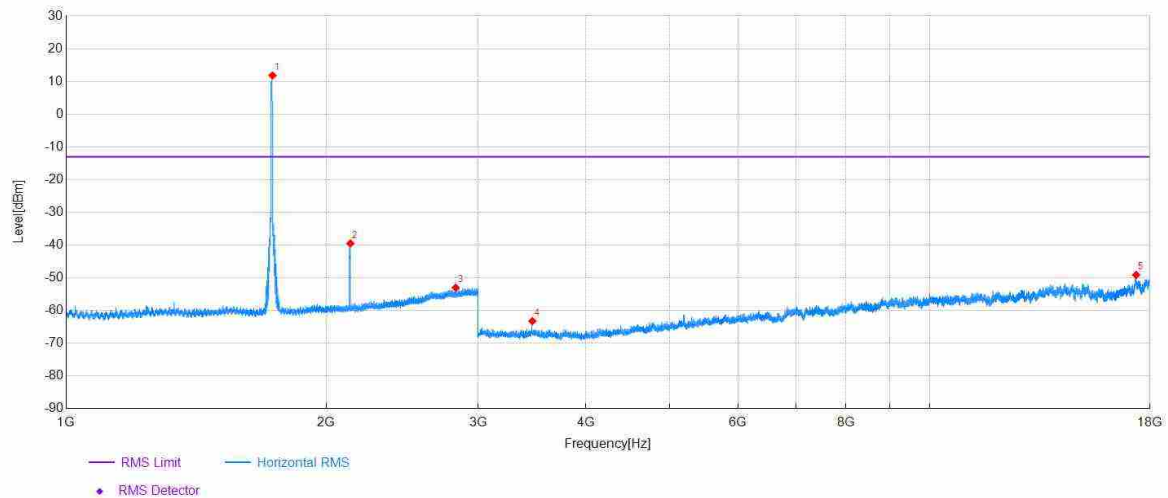
## Test Graph



## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|----------|---------|
| 1   | 1711.10     | 104.65         | -95.11      | 9.54        | -           | -           | Vertical | NA      |
| 2   | 2111.30     | 58.91          | -94.73      | -35.82      | -           | -           | Vertical | NA      |
| 3   | 2913.60     | 37.38          | -90.49      | -53.11      | -13.00      | 40.11       | Vertical | PASS    |
| 4   | 5140.00     | 40.89          | -102.11     | -61.22      | -13.00      | 48.22       | Vertical | PASS    |
| 5   | 17344.00    | 33.11          | -82.68      | -49.57      | -13.00      | 36.57       | Vertical | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band IV     |
| Bandwidth:          | /               | Channel:  | Mid         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

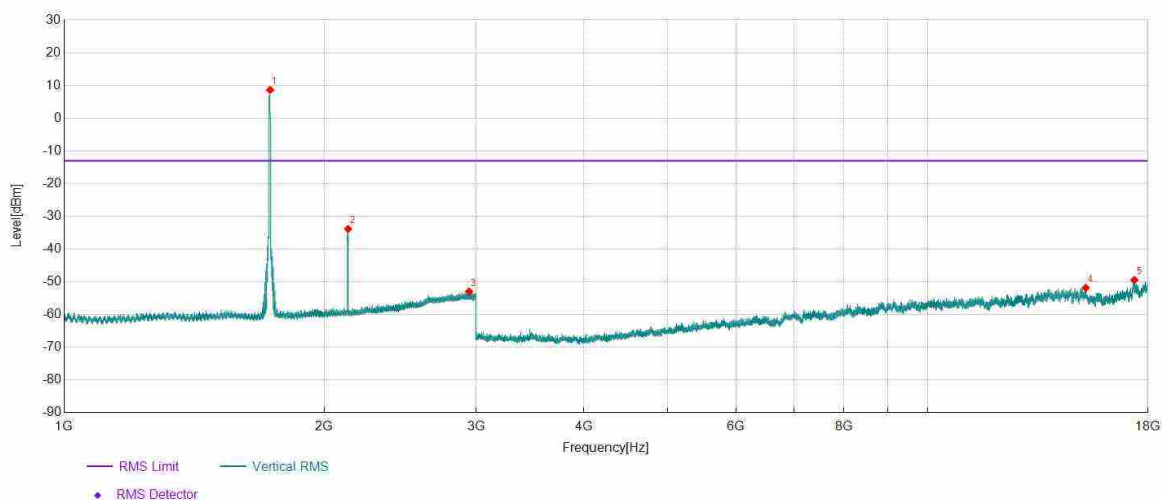
**Test Graph**

| Data List |             |                |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   | Verdict |
| 1         | 1733.70     | 106.76         | -94.93      | 11.83       | -           | -           | Horizontal | NA      |
| 2         | 2133.90     | 55.17          | -94.69      | -39.52      | -           | -           | Horizontal | NA      |
| 3         | 2825.80     | 37.96          | -90.98      | -53.02      | -13.00      | 40.02       | Horizontal | PASS    |
| 4         | 3467.00     | 43.96          | -107.18     | -63.22      | -13.00      | 50.22       | Horizontal | PASS    |
| 5         | 17346.00    | 33.45          | -82.58      | -49.13      | -13.00      | 36.13       | Horizontal | PASS    |

## Project Information

|            |                 |           |             |
|------------|-----------------|-----------|-------------|
| Mode:      | WCDMA           | Band:     | Band IV     |
| Bandwidth: | /               | Channel:  | Mid         |
| IMEI:      | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:    | Polarity: Z     |           |             |

## Test Graph

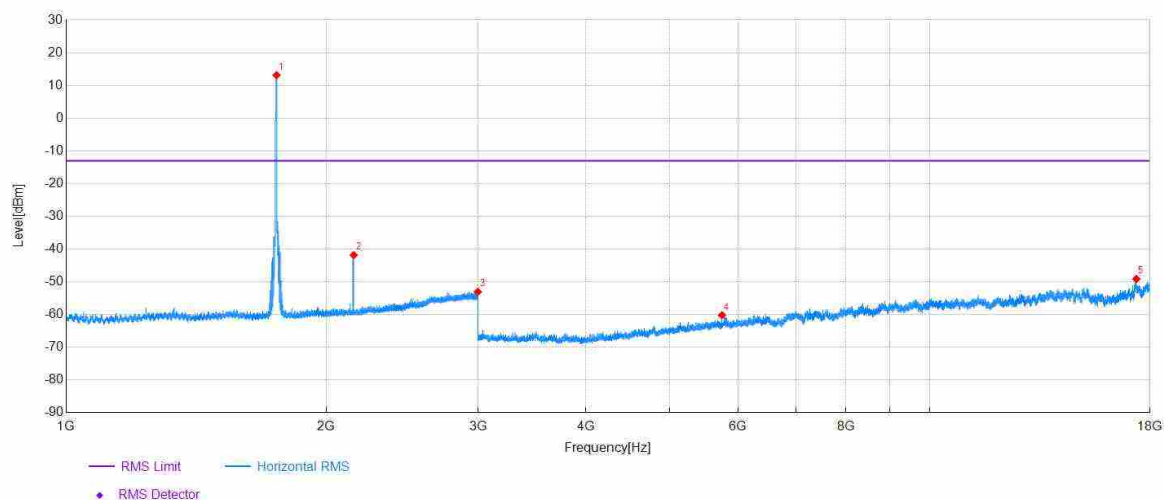


## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|----------|---------|
| 1   | 1732.00     | 103.59         | -94.95      | 8.64        | -           | -           | Vertical | NA      |
| 2   | 2132.10     | 60.85          | -94.69      | -33.84      | -           | -           | Vertical | NA      |
| 3   | 2944.00     | 37.46          | -90.45      | -52.99      | -13.00      | 39.99       | Vertical | PASS    |
| 4   | 15245.50    | 34.16          | -86.02      | -51.86      | -13.00      | 38.86       | Vertical | PASS    |
| 5   | 17360.00    | 33.33          | -82.79      | -49.46      | -13.00      | 36.46       | Vertical | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band IV     |
| Bandwidth:          | /               | Channel:  | High        |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

### Test Graph

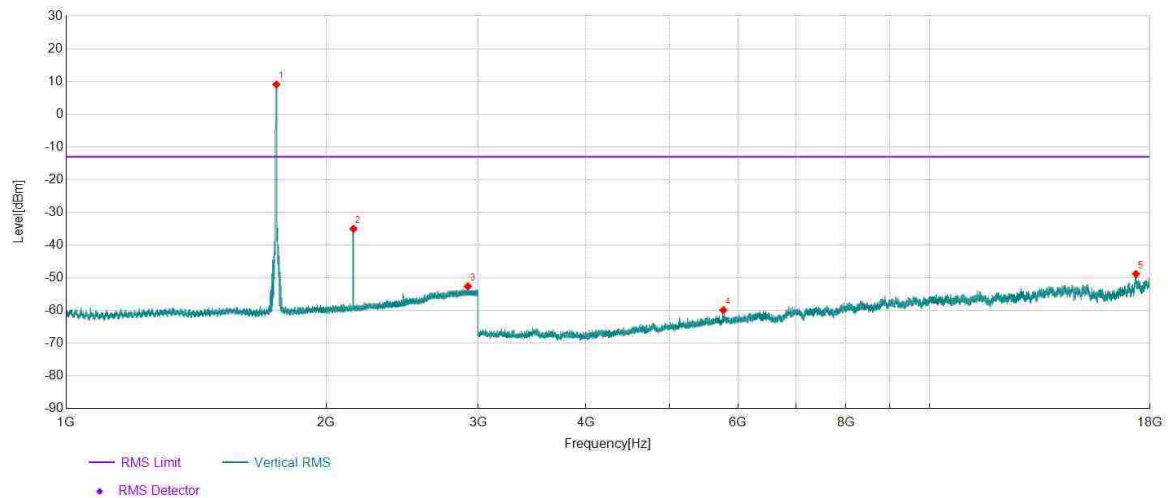


| Data List |             |                |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   | Verdict |
| 1         | 1752.40     | 107.92         | -94.80      | 13.12       | -           | -           | Horizontal | NA      |
| 2         | 2153.10     | 52.80          | -94.65      | -41.85      | -           | -           | Horizontal | NA      |
| 3         | 2997.20     | 37.84          | -90.91      | -53.07      | -13.00      | 40.07       | Horizontal | PASS    |
| 4         | 5748.00     | 40.47          | -100.68     | -60.21      | -13.00      | 47.21       | Horizontal | PASS    |
| 5         | 17357.00    | 33.52          | -82.67      | -49.15      | -13.00      | 36.15       | Horizontal | PASS    |

## Project Information

|            |                 |           |             |
|------------|-----------------|-----------|-------------|
| Mode:      | WCDMA           | Band:     | Band IV     |
| Bandwidth: | /               | Channel:  | High        |
| IMEI:      | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:    | Polarity: Z     |           |             |

## Test Graph

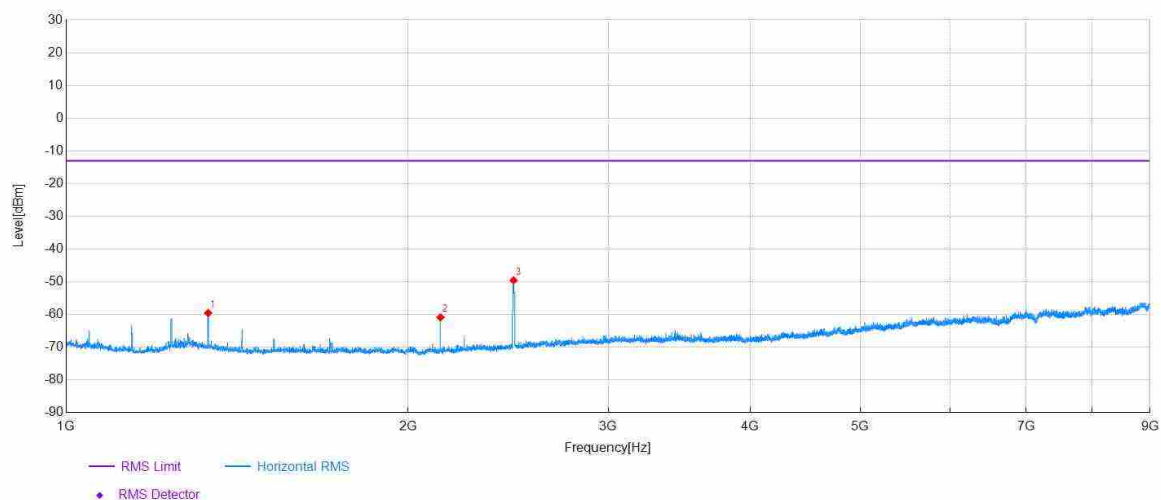


## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|----------|---------|
| 1   | 1751.90     | 103.88         | -94.80      | 9.08        | -           | -           | Vertical | NA      |
| 2   | 2151.30     | 59.62          | -94.66      | -35.04      | -           | -           | Vertical | NA      |
| 3   | 2918.90     | 37.86          | -90.48      | -52.62      | -13.00      | 39.62       | Vertical | PASS    |
| 4   | 5768.50     | 40.54          | -100.42     | -59.88      | -13.00      | 46.88       | Vertical | PASS    |
| 5   | 17336.50    | 34.16          | -83.01      | -48.85      | -13.00      | 35.85       | Vertical | PASS    |

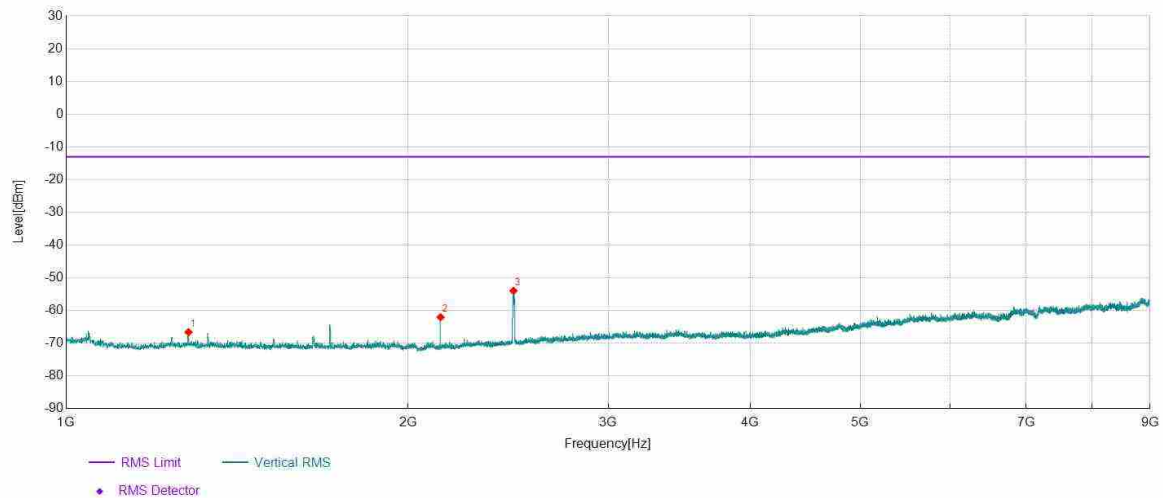
| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band V      |
| Bandwidth:          | /               | Channel:  | Low         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

### Test Graph



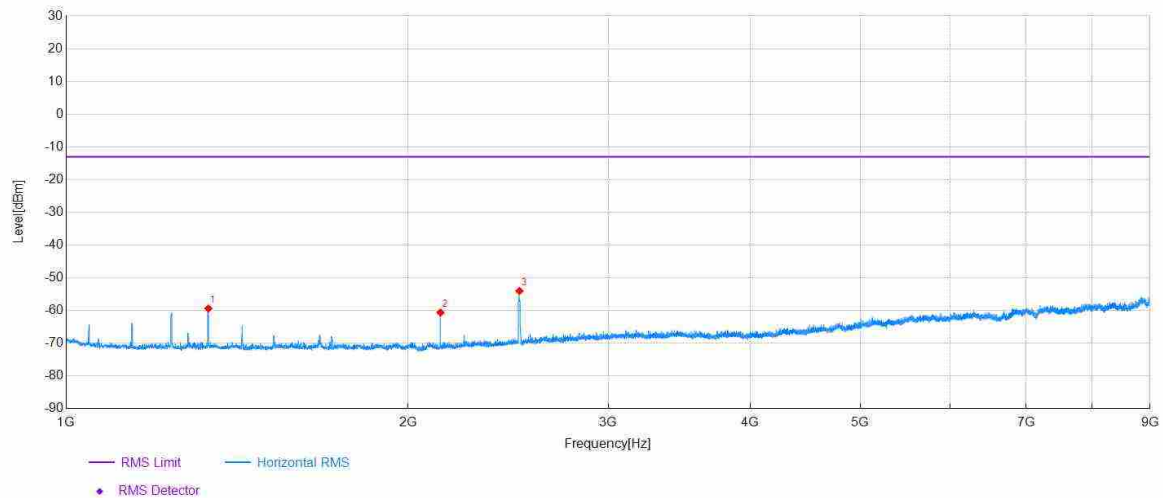
| Data List |             |                |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   | Verdict |
| 1         | 1333.60     | 54.72          | -114.26     | -59.54      | -13.00      | 46.54       | Horizontal | PASS    |
| 2         | 2136.00     | 52.33          | -113.20     | -60.87      | -13.00      | 47.87       | Horizontal | PASS    |
| 3         | 2476.80     | 61.69          | -111.26     | -49.57      | -13.00      | 36.57       | Horizontal | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band V      |
| Bandwidth:          | /               | Channel:  | Low         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

**Test Graph**

| Data List |             |                |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity | Verdict |
| 1         | 1281.60     | 47.77          | -114.40     | -66.63      | -13.00      | 53.63       | Vertical | PASS    |
| 2         | 2136.00     | 51.16          | -113.20     | -62.04      | -13.00      | 49.04       | Vertical | PASS    |
| 3         | 2476.40     | 57.28          | -111.26     | -53.98      | -13.00      | 40.98       | Vertical | PASS    |

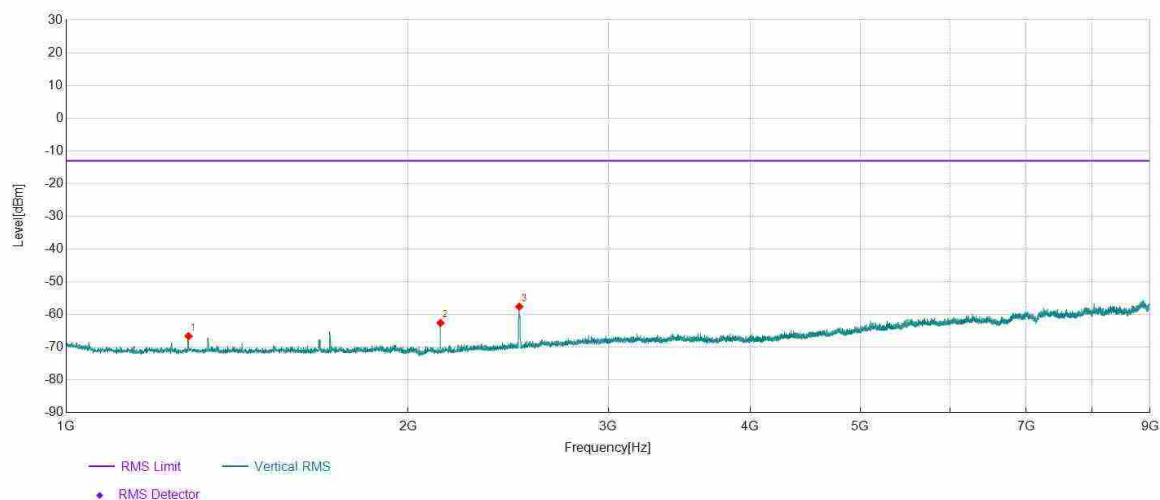
| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band V      |
| Bandwidth:          | /               | Channel:  | Mid         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

**Test Graph**

| Data List |             |                |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   | Verdict |
| 1         | 1334.40     | 54.85          | -114.25     | -59.40      | -13.00      | 46.40       | Horizontal | PASS    |
| 2         | 2136.00     | 52.59          | -113.20     | -60.61      | -13.00      | 47.61       | Horizontal | PASS    |
| 3         | 2506.80     | 57.36          | -111.38     | -54.02      | -13.00      | 41.02       | Horizontal | PASS    |

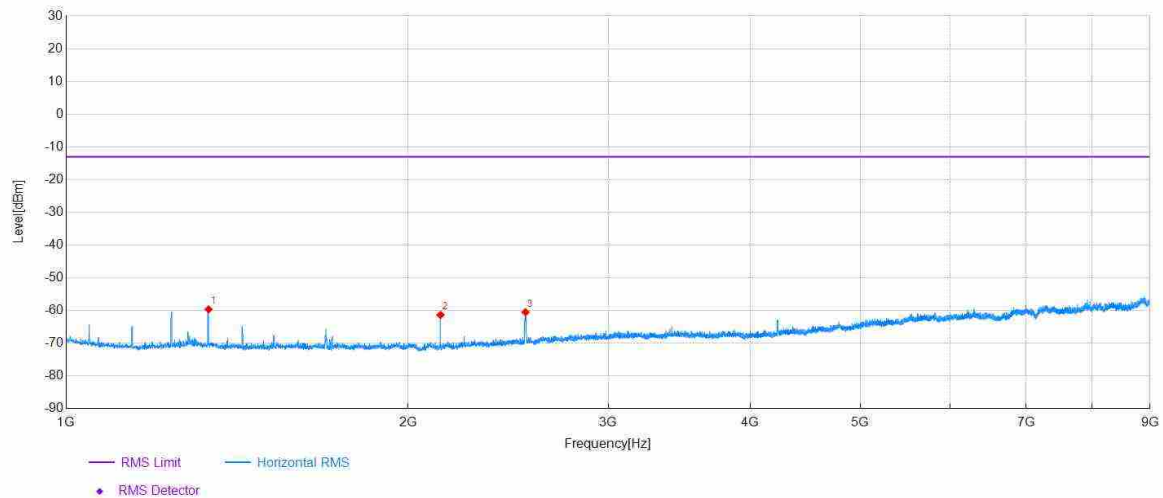
| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band V      |
| Bandwidth:          | /               | Channel:  | Mid         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

### Test Graph



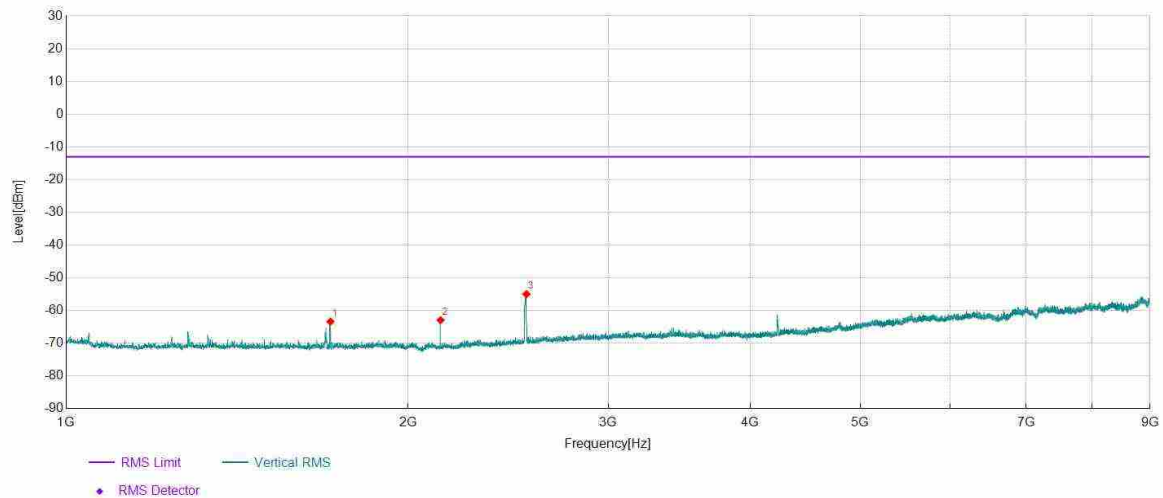
| Data List |             |                |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity | Verdict |
| 1         | 1281.60     | 47.77          | -114.40     | -66.63      | -13.00      | 53.63       | Vertical | PASS    |
| 2         | 2136.00     | 50.63          | -113.20     | -62.57      | -13.00      | 49.57       | Vertical | PASS    |
| 3         | 2506.00     | 53.79          | -111.38     | -57.59      | -13.00      | 44.59       | Vertical | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band V      |
| Bandwidth:          | /               | Channel:  | High        |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

**Test Graph**

| Data List |             |                |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   | Verdict |
| 1         | 1334.80     | 54.60          | -114.25     | -59.65      | -13.00      | 46.65       | Horizontal | PASS    |
| 2         | 2136.00     | 51.85          | -113.20     | -61.35      | -13.00      | 48.35       | Horizontal | PASS    |
| 3         | 2537.60     | 50.71          | -111.24     | -60.53      | -13.00      | 47.53       | Horizontal | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | WCDMA           | Band:     | Band V      |
| Bandwidth:          | /               | Channel:  | High        |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

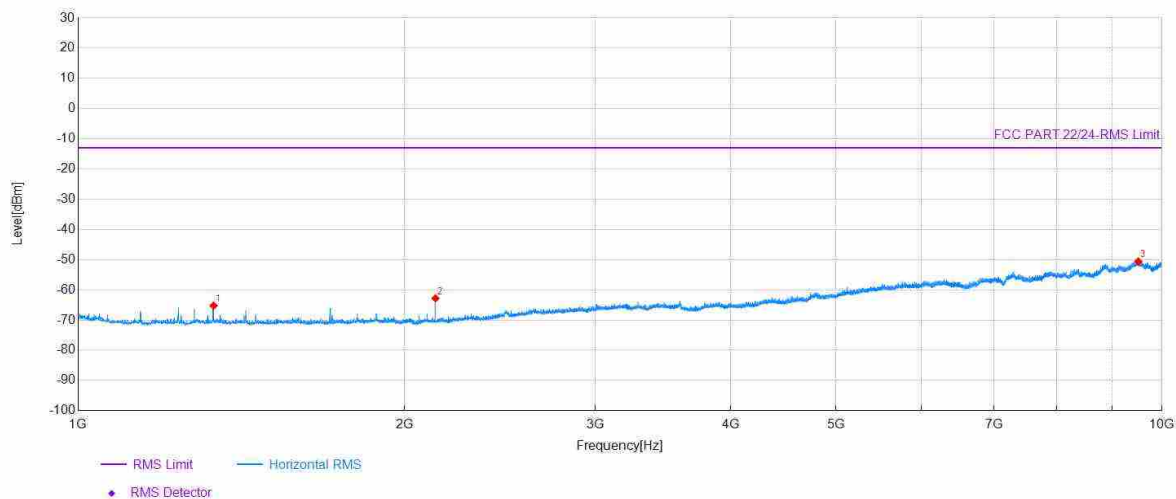
**Test Graph**

| Data List |             |                |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity | Verdict |
| 1         | 1708.80     | 50.77          | -114.16     | -63.39      | -13.00      | 50.39       | Vertical | PASS    |
| 2         | 2136.00     | 50.26          | -113.20     | -62.94      | -13.00      | 49.94       | Vertical | PASS    |
| 3         | 2542.40     | 56.25          | -111.24     | -54.99      | -13.00      | 41.99       | Vertical | PASS    |

## Test Result for LTE

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 5    |
| Bandwidth:          | 10MHz           | Channel:  | Low       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

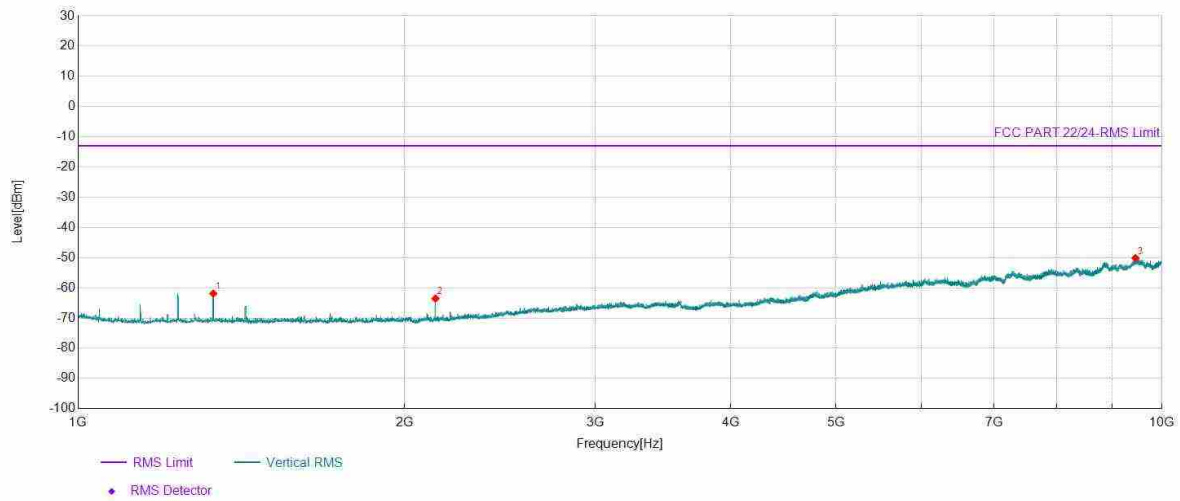
## Test Graph



| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 1333.45     | 49.03          | -114.26     | -65.23      | -13.00      | 52.23       | 100         | Horizontal | PASS    |
| 2         | 2136.25     | 50.39          | -113.20     | -62.81      | -13.00      | 49.81       | 200         | Horizontal | PASS    |
| 3         | 9505.90     | 42.10          | -92.71      | -50.61      | -13.00      | 37.61       | 200         | Horizontal | PASS    |

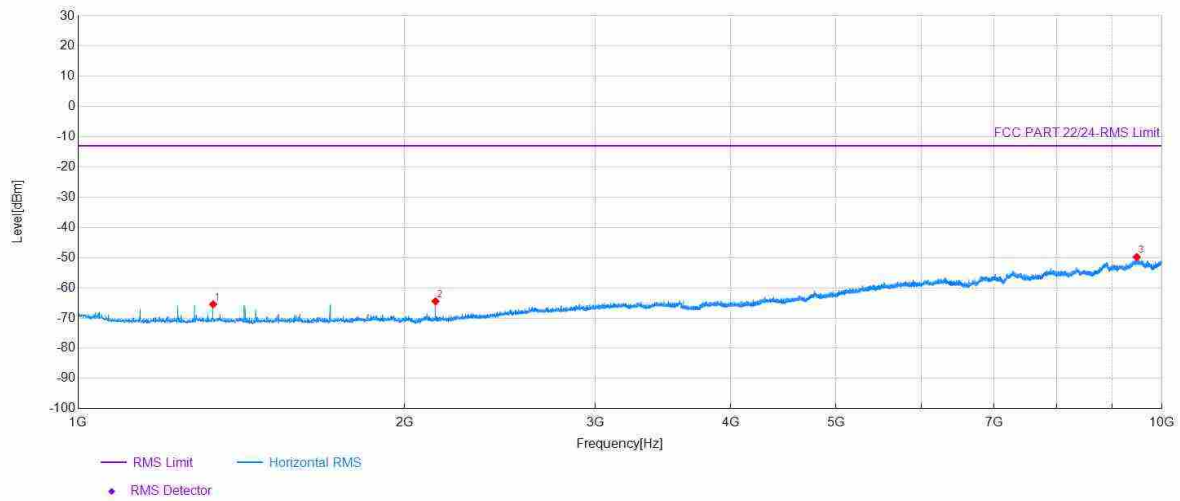
| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 5    |
| Bandwidth:          | 10MHz           | Channel:  | Low       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

### Test Graph



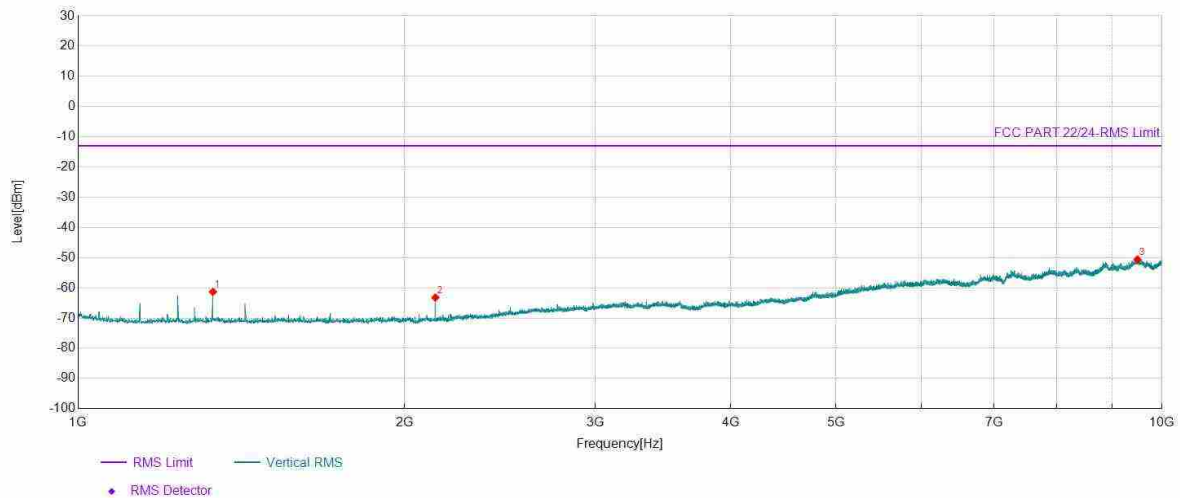
| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1332.55     | 52.36          | -114.26     | -61.90      | -13.00      | 48.90       | 200         | Vertical | PASS    |
| 2         | 2136.25     | 49.65          | -113.20     | -63.55      | -13.00      | 50.55       | 100         | Vertical | PASS    |
| 3         | 9451.90     | 43.18          | -93.33      | -50.15      | -13.00      | 37.15       | 200         | Vertical | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 5    |
| Bandwidth:          | 10MHz           | Channel:  | Mid       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

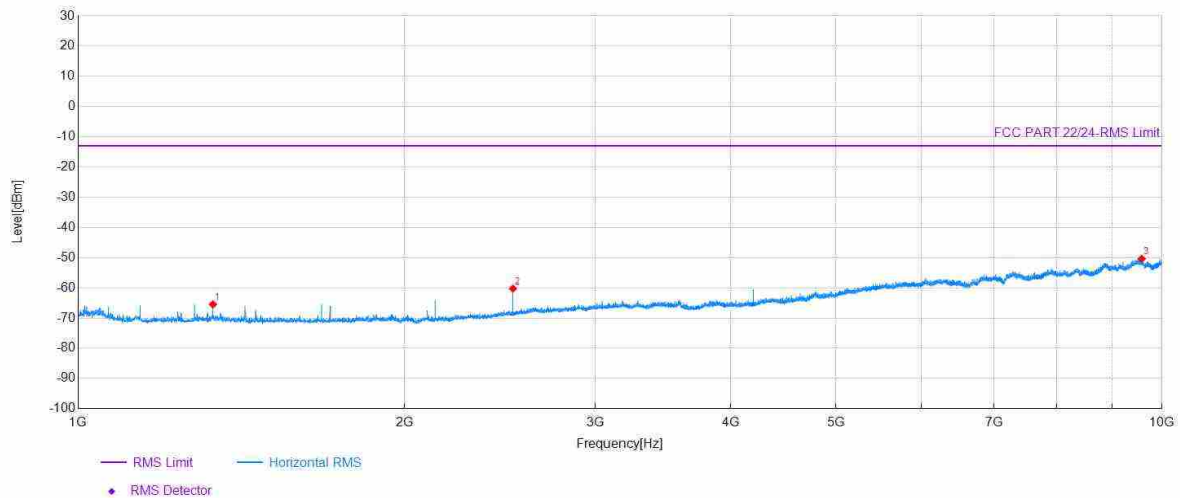
| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 1332.10     | 48.83          | -114.27     | -65.44      | -13.00      | 52.44       | 100         | Horizontal | PASS    |
| 2         | 2136.25     | 48.75          | -113.20     | -64.45      | -13.00      | 51.45       | 200         | Horizontal | PASS    |
| 3         | 9477.10     | 43.21          | -93.03      | -49.82      | -13.00      | 36.82       | 100         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 5    |
| Bandwidth:          | 10MHz           | Channel:  | Mid       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1331.65     | 52.96          | -114.27     | -61.31      | -13.00      | 48.31       | 200         | Vertical | PASS    |
| 2         | 2135.80     | 49.98          | -113.20     | -63.22      | -13.00      | 50.22       | 100         | Vertical | PASS    |
| 3         | 9490.15     | 42.29          | -92.88      | -50.59      | -13.00      | 37.59       | 150         | Vertical | PASS    |

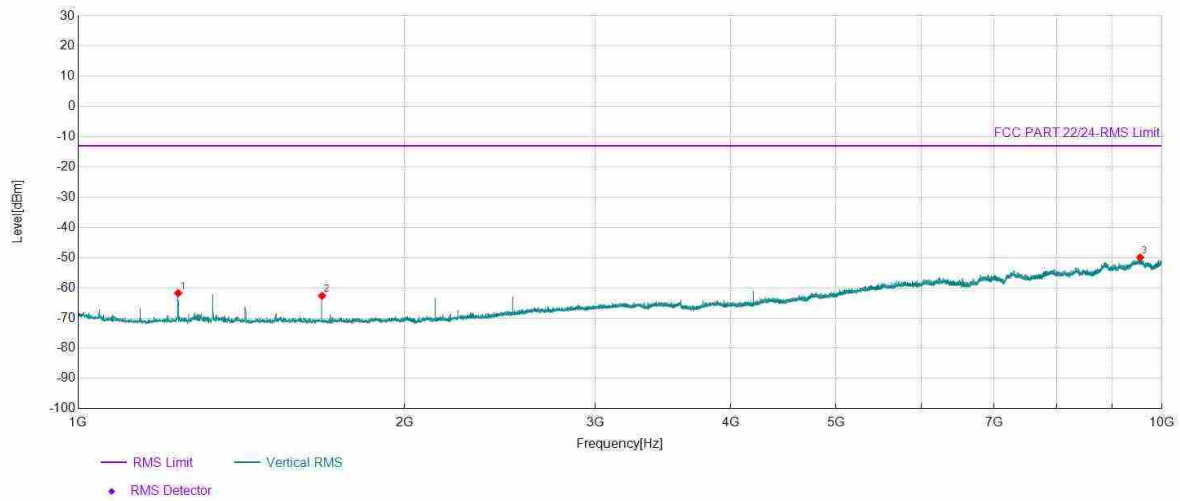
| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 5    |
| Bandwidth:          | 10MHz           | Channel:  | High      |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 1331.65     | 48.80          | -114.27     | -65.47      | -13.00      | 52.47       | 200         | Horizontal | PASS    |
| 2         | 2518.75     | 51.07          | -111.32     | -60.25      | -13.00      | 47.25       | 150         | Horizontal | PASS    |
| 3         | 9576.10     | 41.61          | -91.99      | -50.38      | -13.00      | 37.38       | 100         | Horizontal | PASS    |

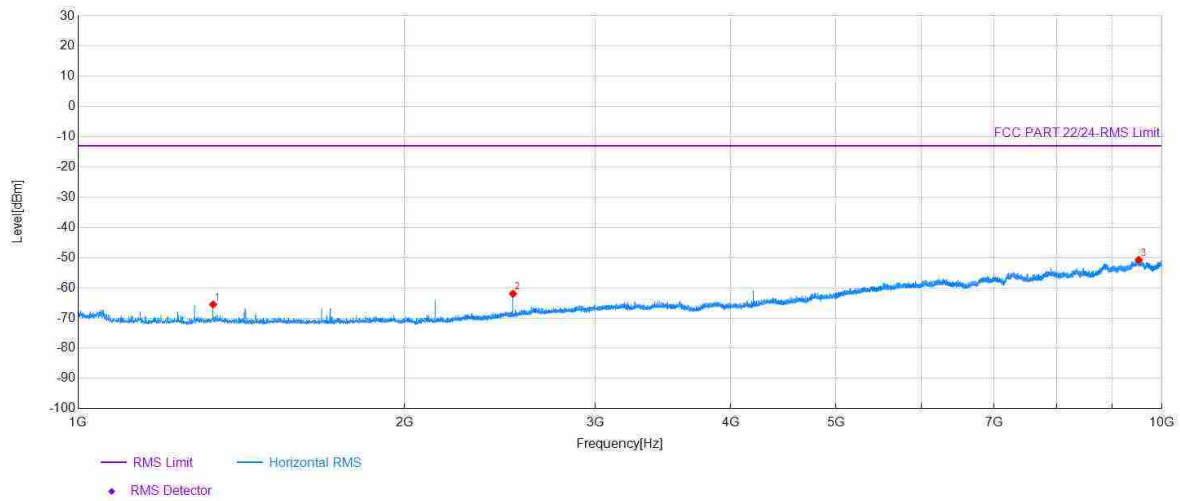
| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 5    |
| Bandwidth:          | 10MHz           | Channel:  | High      |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

### Test Graph



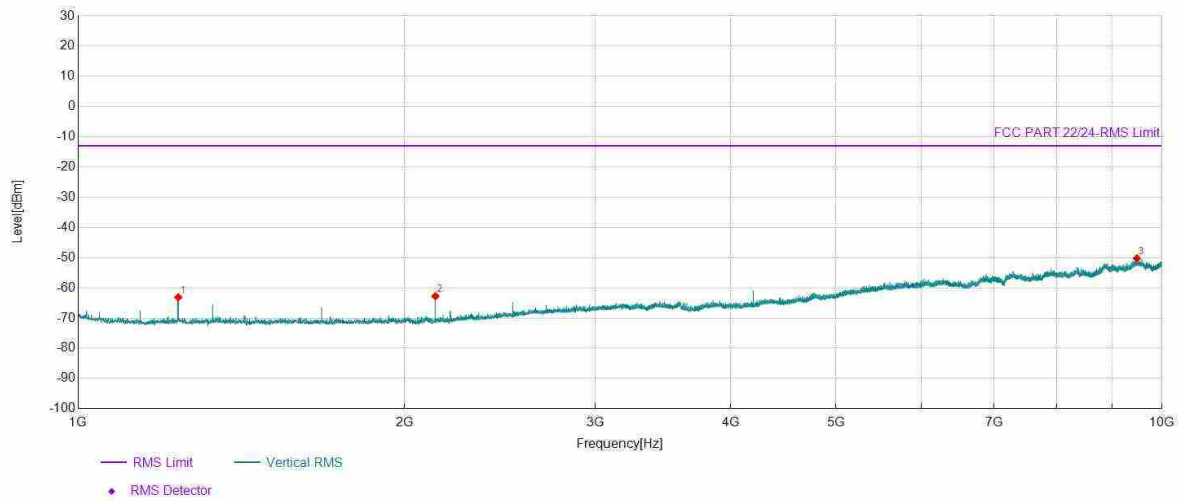
| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1236.70     | 52.56          | -114.32     | -61.76      | -13.00      | 48.76       | 150         | Vertical | PASS    |
| 2         | 1679.05     | 51.53          | -114.16     | -62.63      | -13.00      | 49.63       | 200         | Vertical | PASS    |
| 3         | 9545.05     | 42.44          | -92.37      | -49.93      | -13.00      | 36.93       | 200         | Vertical | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 5    |
| Bandwidth:          | 10MHz           | Channel:  | High      |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

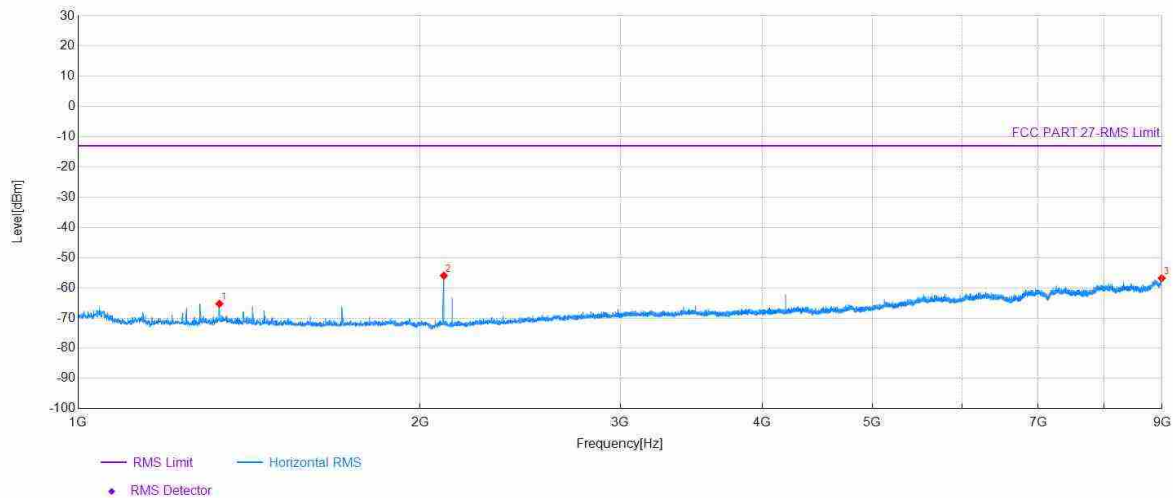
| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 1332.10     | 48.79          | -114.27     | -65.48      | -13.00      | 52.48       | 150         | Horizontal | PASS    |
| 2         | 2518.75     | 49.36          | -111.32     | -61.96      | -13.00      | 48.96       | 150         | Horizontal | PASS    |
| 3         | 9516.70     | 41.91          | -92.62      | -50.71      | -13.00      | 37.71       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 5    |
| Bandwidth:          | 10MHz           | Channel:  | High      |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

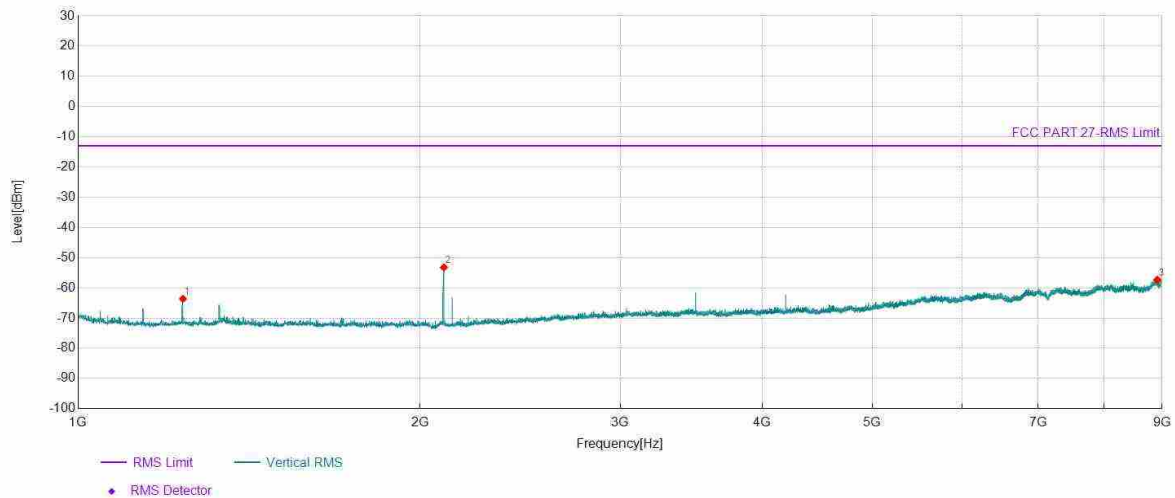
| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1237.15     | 51.18          | -114.32     | -63.14      | -13.00      | 50.14       | 150         | Vertical | PASS    |
| 2         | 2135.80     | 50.45          | -113.20     | -62.75      | -13.00      | 49.75       | 150         | Vertical | PASS    |
| 3         | 9478.90     | 42.76          | -93.01      | -50.25      | -13.00      | 37.25       | 150         | Vertical | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 12   |
| Bandwidth:          | 10MHz           | Channel:  | Low       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

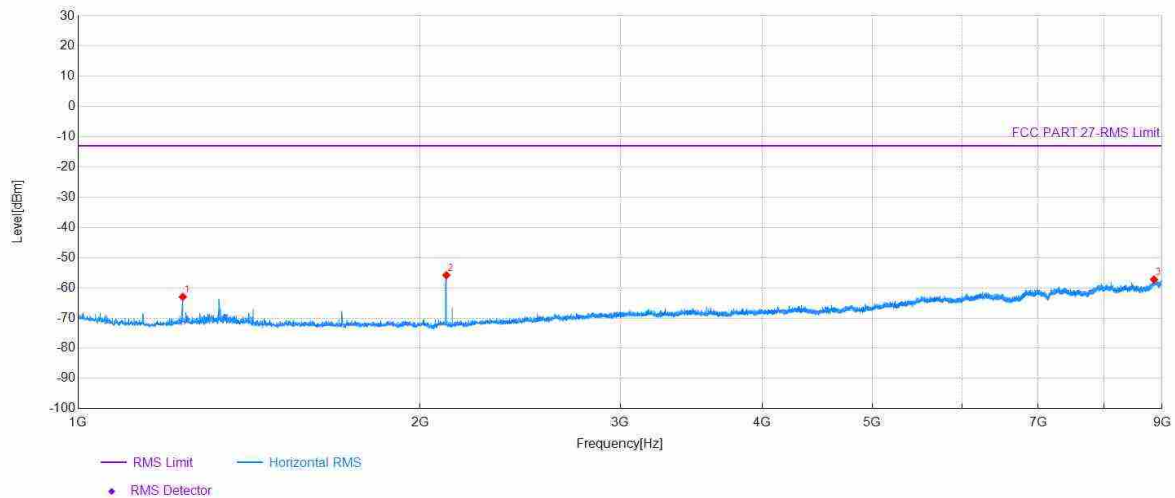
| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 1331.60     | 48.99          | -114.27     | -65.28      | -13.00      | 52.28       | 150         | Horizontal | PASS    |
| 2         | 2098.80     | 57.28          | -113.23     | -55.95      | -13.00      | 42.95       | 150         | Horizontal | PASS    |
| 3         | 8993.20     | 36.74          | -93.55      | -56.81      | -13.00      | 43.81       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 12   |
| Bandwidth:          | 10MHz           | Channel:  | Low       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

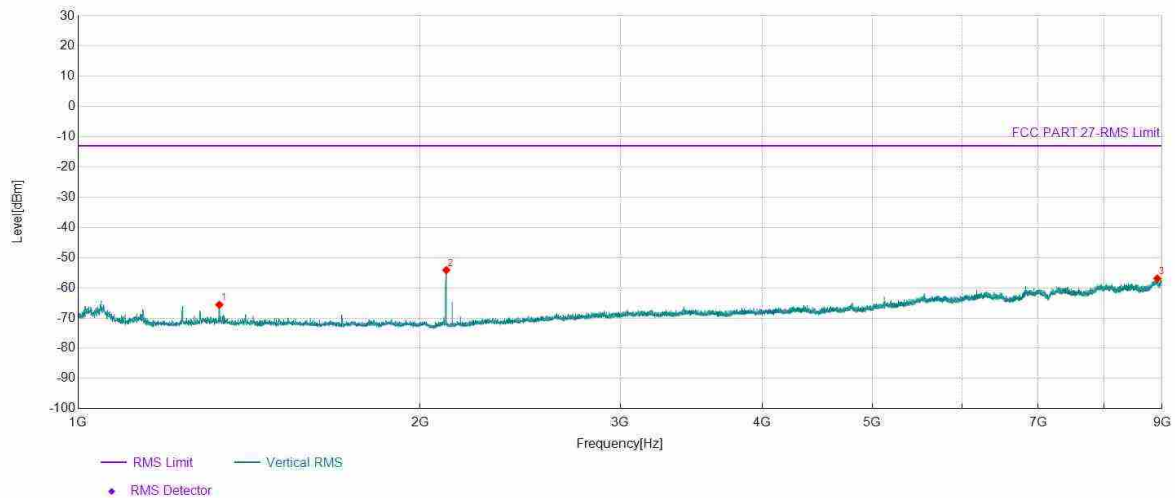
| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1236.80     | 50.70          | -114.32     | -63.62      | -13.00      | 50.62       | 150         | Vertical | PASS    |
| 2         | 2098.80     | 59.99          | -113.23     | -53.24      | -13.00      | 40.24       | 150         | Vertical | PASS    |
| 3         | 8914.00     | 36.09          | -93.43      | -57.34      | -13.00      | 44.34       | 150         | Vertical | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 12   |
| Bandwidth:          | 10MHz           | Channel:  | Mid       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

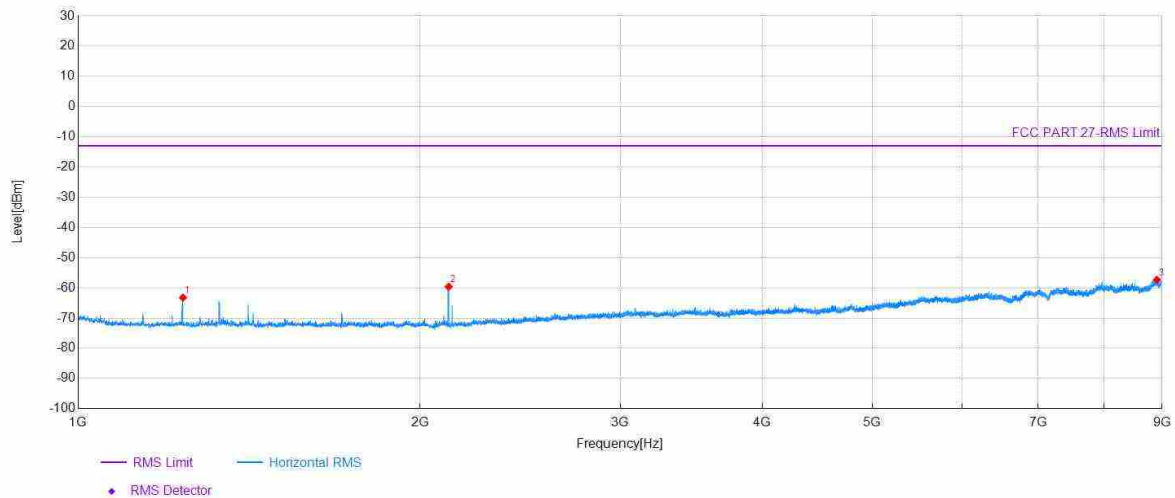
| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 1236.40     | 51.33          | -114.32     | -62.99      | -13.00      | 49.99       | 150         | Horizontal | PASS    |
| 2         | 2109.20     | 57.39          | -113.21     | -55.82      | -13.00      | 42.82       | 150         | Horizontal | PASS    |
| 3         | 8855.60     | 35.68          | -92.91      | -57.23      | -13.00      | 44.23       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 12   |
| Bandwidth:          | 10MHz           | Channel:  | Mid       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

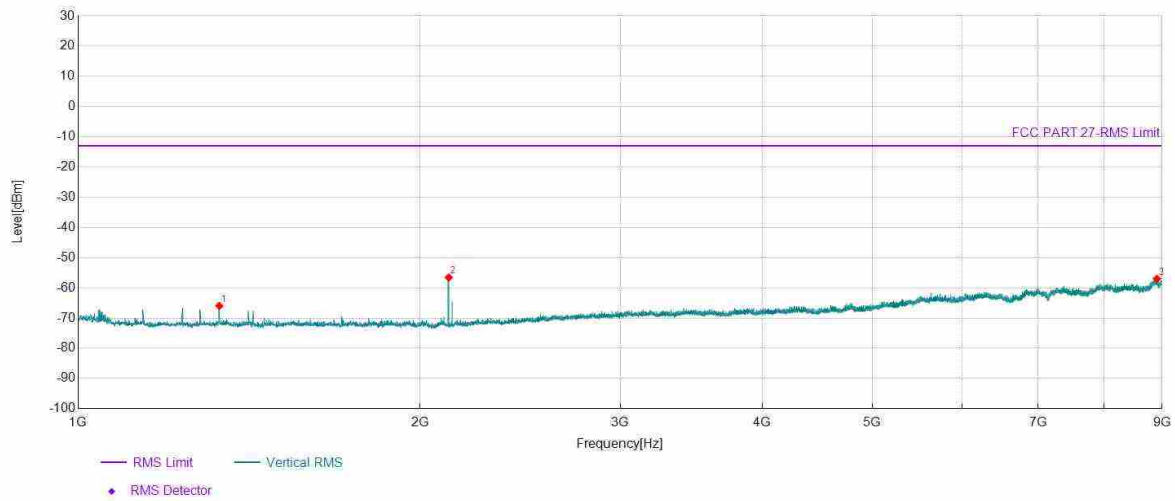
| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1331.60     | 48.67          | -114.27     | -65.60      | -13.00      | 52.60       | 150         | Vertical | PASS    |
| 2         | 2109.20     | 59.11          | -113.21     | -54.10      | -13.00      | 41.10       | 150         | Vertical | PASS    |
| 3         | 8914.40     | 36.54          | -93.44      | -56.90      | -13.00      | 43.90       | 150         | Vertical | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 12   |
| Bandwidth:          | 10MHz           | Channel:  | High      |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

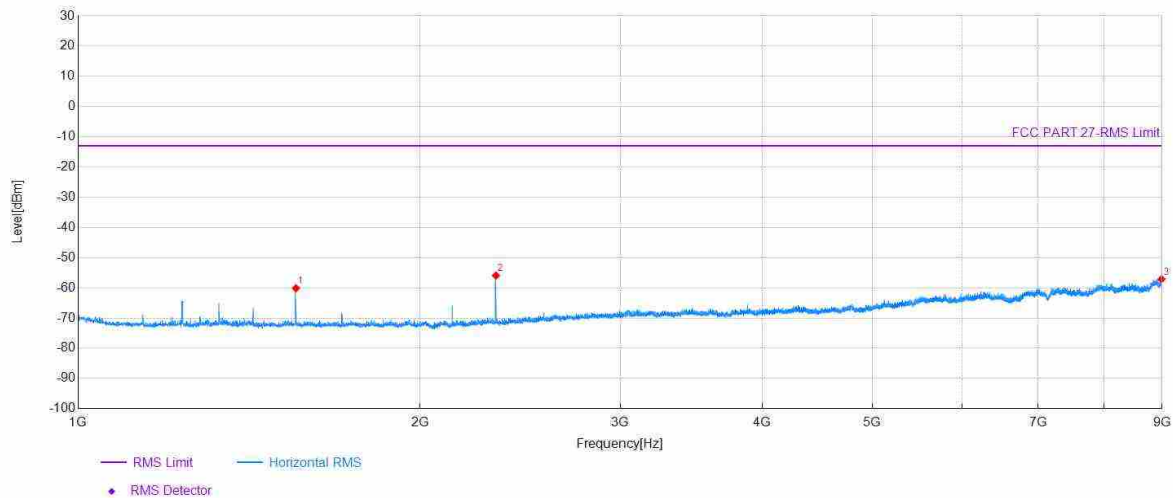
| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 1236.80     | 51.09          | -114.32     | -63.23      | -13.00      | 50.23       | 150         | Horizontal | PASS    |
| 2         | 2119.60     | 53.60          | -113.21     | -59.61      | -13.00      | 46.61       | 150         | Horizontal | PASS    |
| 3         | 8905.60     | 35.92          | -93.27      | -57.35      | -13.00      | 44.35       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 12   |
| Bandwidth:          | 10MHz           | Channel:  | High      |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

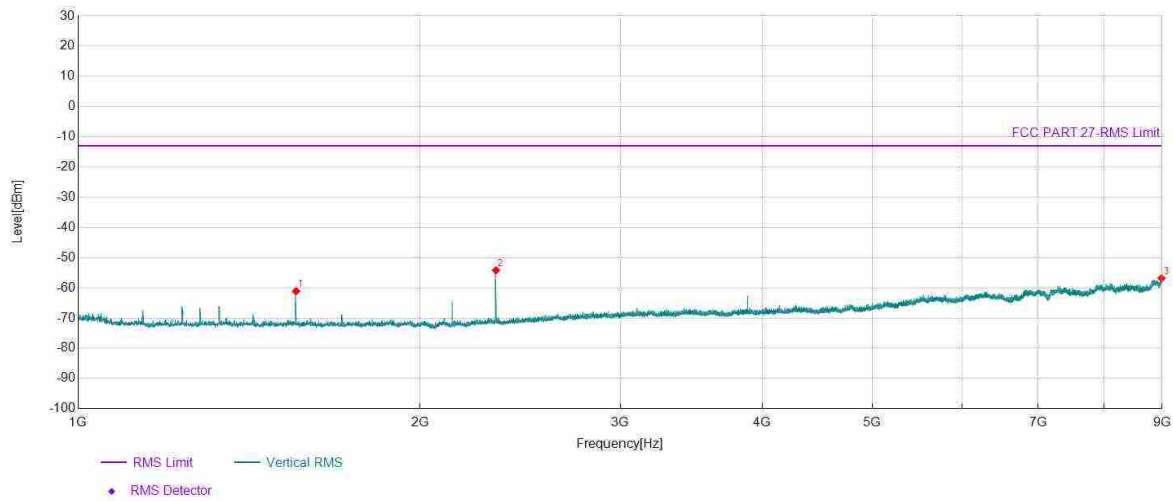
| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1331.20     | 48.28          | -114.27     | -65.99      | -13.00      | 52.99       | 150         | Vertical | PASS    |
| 2         | 2120.00     | 56.64          | -113.21     | -56.57      | -13.00      | 43.57       | 150         | Vertical | PASS    |
| 3         | 8906.40     | 36.28          | -93.28      | -57.00      | -13.00      | 44.00       | 150         | Vertical | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 13   |
| Bandwidth:          | 10MHz           | Channel:  | Mid       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 1555.20     | 53.94          | -114.07     | -60.13      | -13.00      | 47.13       | 150         | Horizontal | PASS    |
| 2         | 2332.80     | 56.47          | -112.39     | -55.92      | -13.00      | 42.92       | 150         | Horizontal | PASS    |
| 3         | 8989.60     | 36.47          | -93.60      | -57.13      | -13.00      | 44.13       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 13   |
| Bandwidth:          | 10MHz           | Channel:  | Mid       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

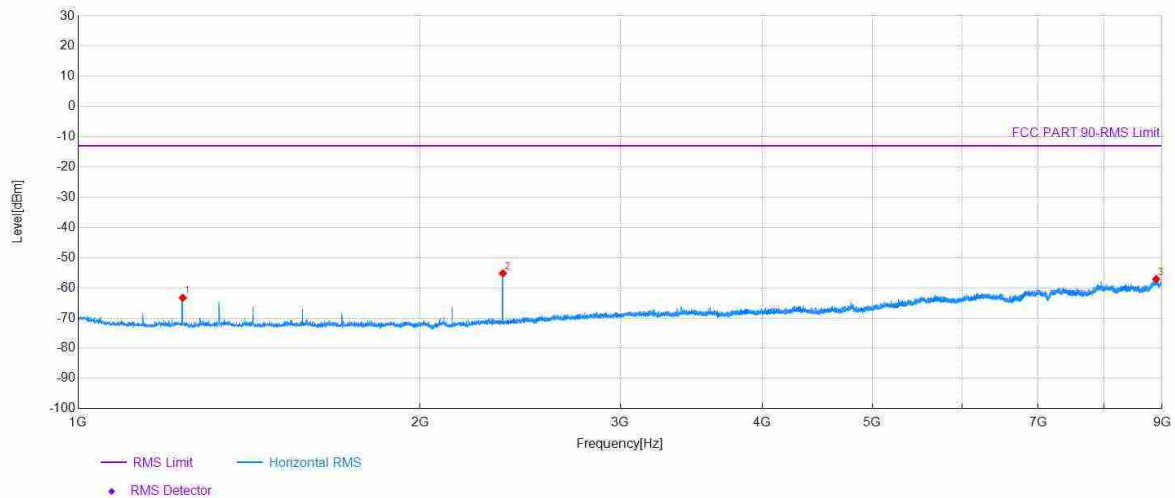
**Test Graph**

| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1555.20     | 52.97          | -114.07     | -61.10      | -13.00      | 48.10       | 150         | Vertical | PASS    |
| 2         | 2332.80     | 58.20          | -112.39     | -54.19      | -13.00      | 41.19       | 150         | Vertical | PASS    |
| 3         | 8990.00     | 36.74          | -93.59      | -56.85      | -13.00      | 43.85       | 150         | Vertical | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 14   |
| Bandwidth: | 10MHz           | Channel:  | Mid       |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

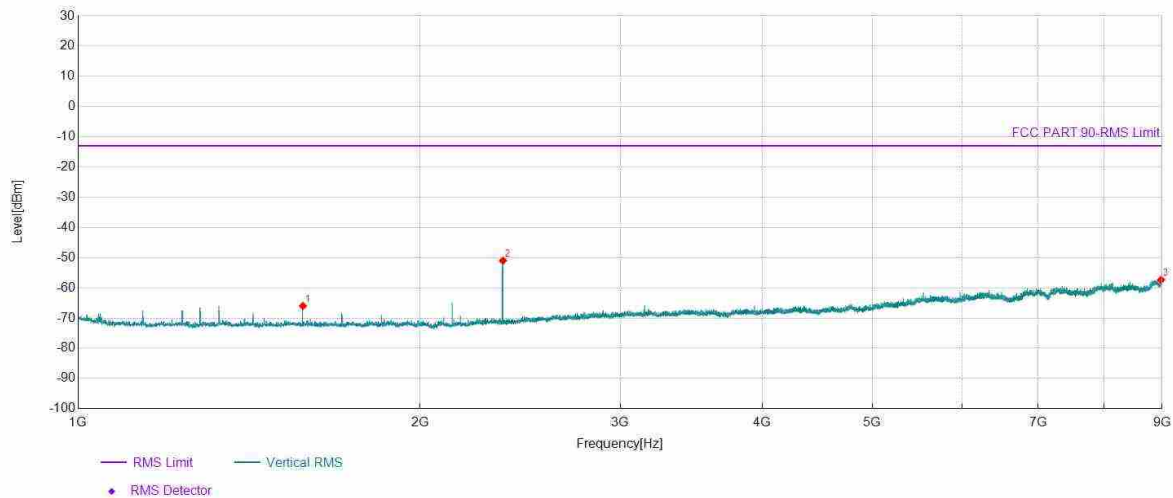
## Test Graph



## Data List

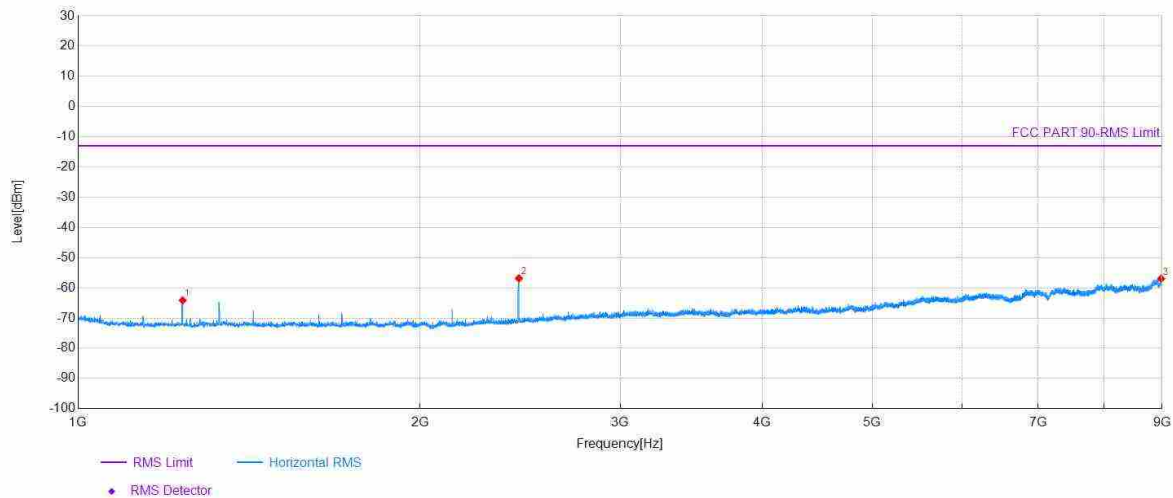
| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| 1   | 1236.40     | 51.00          | -114.32     | -63.32      | -13.00      | 50.32       | 150         | Horizontal | PASS    |
| 2   | 2365.60     | 57.22          | -112.42     | -55.20      | -13.00      | 42.20       | 150         | Horizontal | PASS    |
| 3   | 8894.80     | 36.04          | -93.14      | -57.10      | -13.00      | 44.10       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 14   |
| Bandwidth:          | 10MHz           | Channel:  | Mid       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1577.20     | 48.18          | -114.18     | -66.00      | -13.00      | 53.00       | 150         | Vertical | PASS    |
| 2         | 2366.00     | 61.42          | -112.42     | -51.00      | -13.00      | 38.00       | 150         | Vertical | PASS    |
| 3         | 8984.40     | 36.33          | -93.66      | -57.33      | -13.00      | 44.33       | 150         | Vertical | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 26   |
| Bandwidth:          | 10MHz           | Channel:  | Mid       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

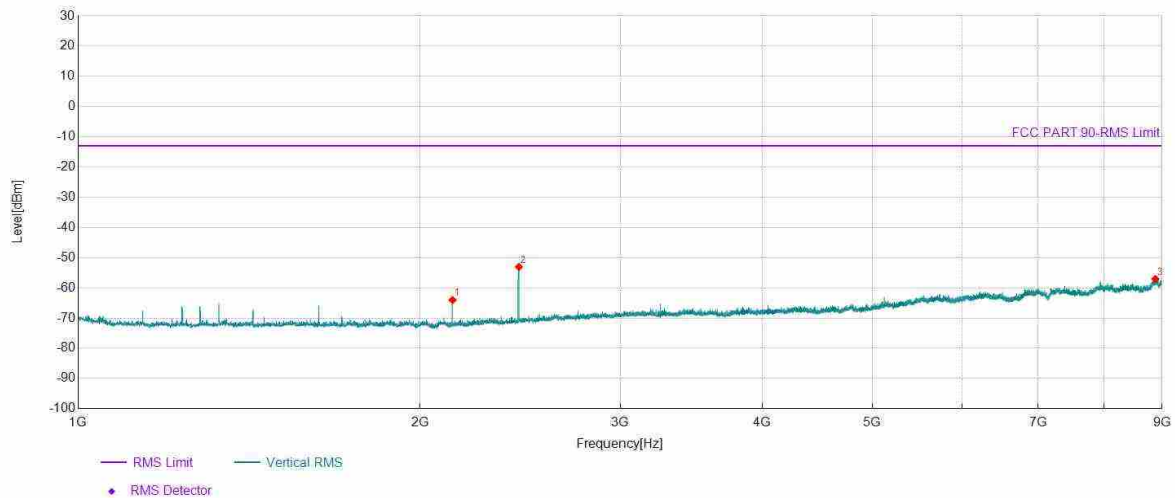
**Test Graph**

| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 1236.00     | 50.17          | -114.32     | -64.15      | -13.00      | 51.15       | 150         | Horizontal | PASS    |
| 2         | 2444.00     | 54.38          | -111.24     | -56.86      | -13.00      | 43.86       | 150         | Horizontal | PASS    |
| 3         | 8984.00     | 36.68          | -93.67      | -56.99      | -13.00      | 43.99       | 150         | Horizontal | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 26   |
| Bandwidth: | 10MHz           | Channel:  | Mid       |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

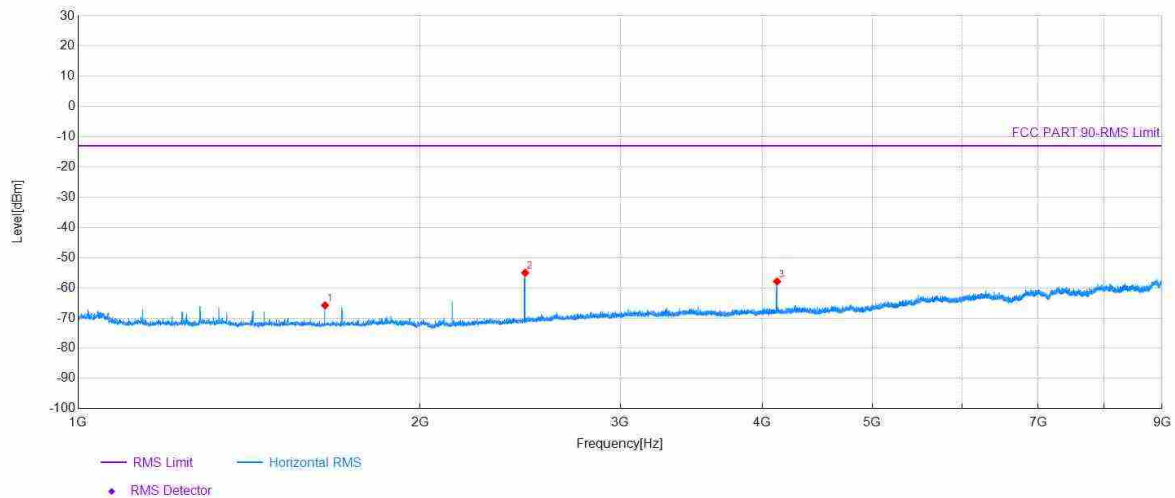
## Test Graph



## Data List

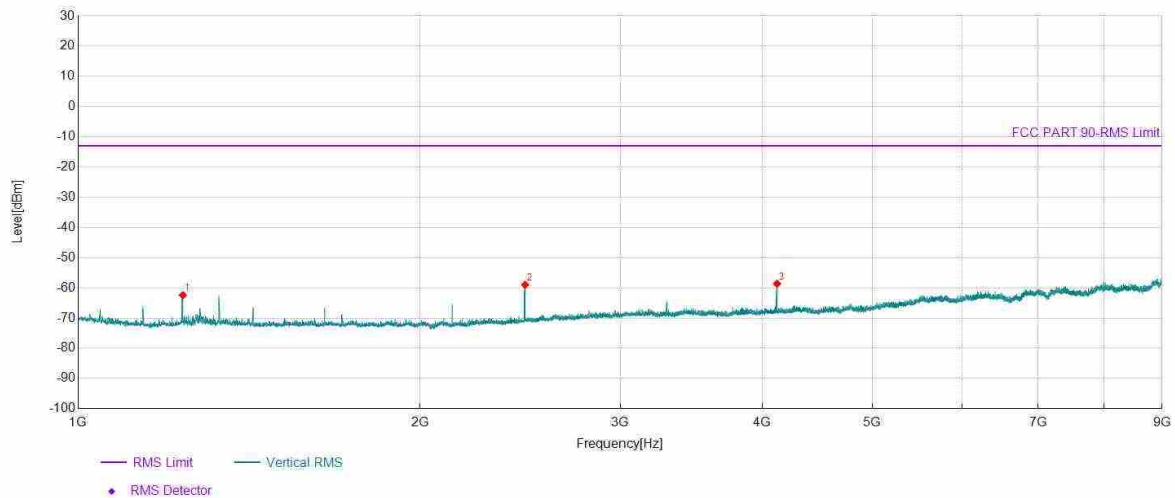
| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| 1   | 2136.00     | 49.16          | -113.20     | -64.04      | -13.00      | 51.04       | 150         | Vertical | PASS    |
| 2   | 2443.60     | 58.19          | -111.26     | -53.07      | -13.00      | 40.07       | 150         | Vertical | PASS    |
| 3   | 8878.40     | 36.00          | -93.05      | -57.05      | -13.00      | 44.05       | 150         | Vertical | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 26   |
| Bandwidth:          | 15MHz           | Channel:  | Low       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

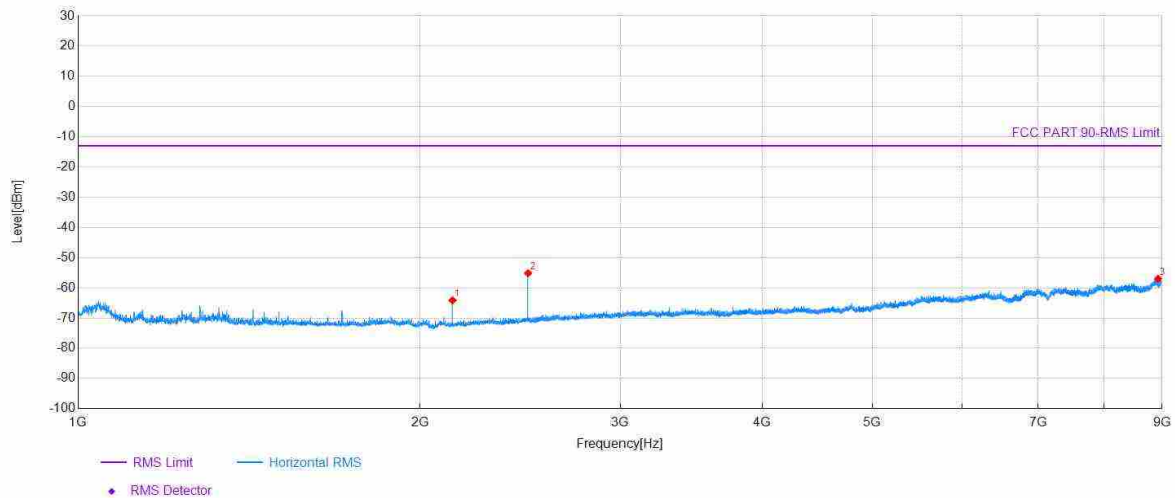
| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 1649.60     | 48.28          | -114.08     | -65.80      | -13.00      | 52.80       | 150         | Horizontal | PASS    |
| 2         | 2474.80     | 56.23          | -111.25     | -55.02      | -13.00      | 42.02       | 150         | Horizontal | PASS    |
| 3         | 4124.00     | 47.82          | -105.72     | -57.90      | -13.00      | 44.90       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 26   |
| Bandwidth:          | 15MHz           | Channel:  | Low       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

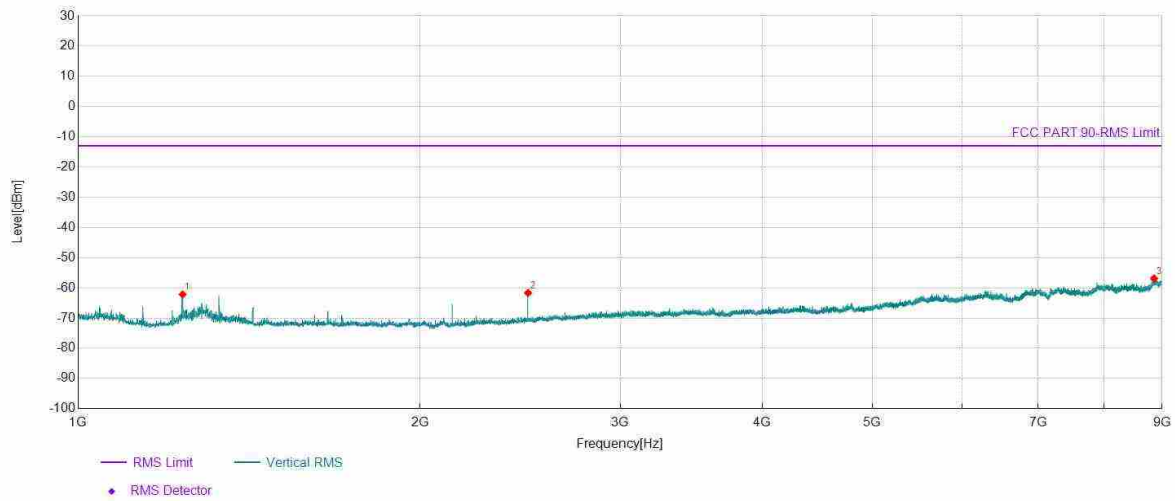
| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1236.40     | 51.88          | -114.32     | -62.44      | -13.00      | 49.44       | 150         | Vertical | PASS    |
| 2         | 2474.40     | 52.27          | -111.25     | -58.98      | -13.00      | 45.98       | 150         | Vertical | PASS    |
| 3         | 4124.00     | 47.10          | -105.72     | -58.62      | -13.00      | 45.62       | 150         | Vertical | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 26   |
| Bandwidth:          | 15MHz           | Channel:  | Mid       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

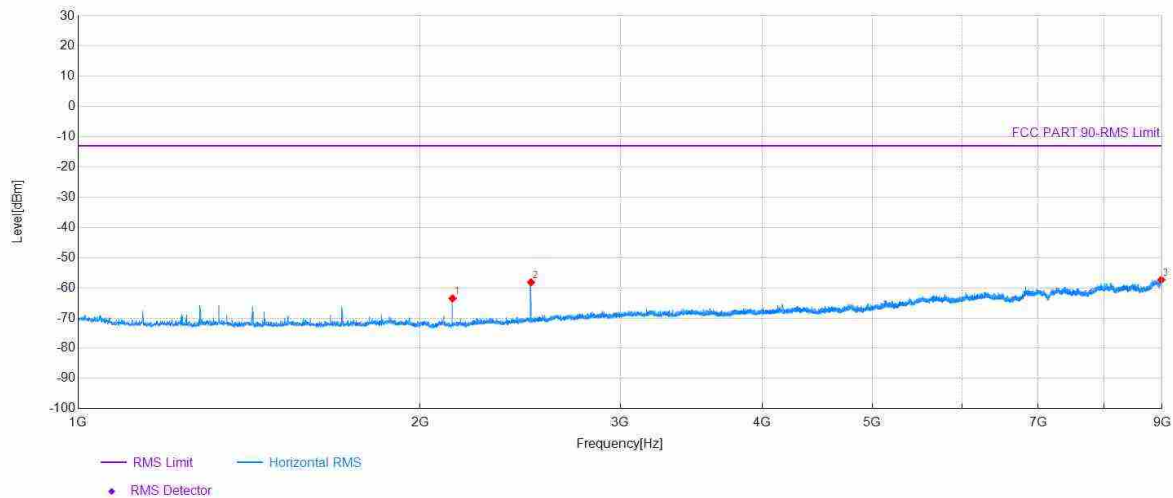
| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 2136.00     | 49.08          | -113.20     | -64.12      | -13.00      | 51.12       | 150         | Horizontal | PASS    |
| 2         | 2489.60     | 56.18          | -111.34     | -55.16      | -13.00      | 42.16       | 150         | Horizontal | PASS    |
| 3         | 8928.40     | 36.68          | -93.70      | -57.02      | -13.00      | 44.02       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 26   |
| Bandwidth:          | 15MHz           | Channel:  | Mid       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

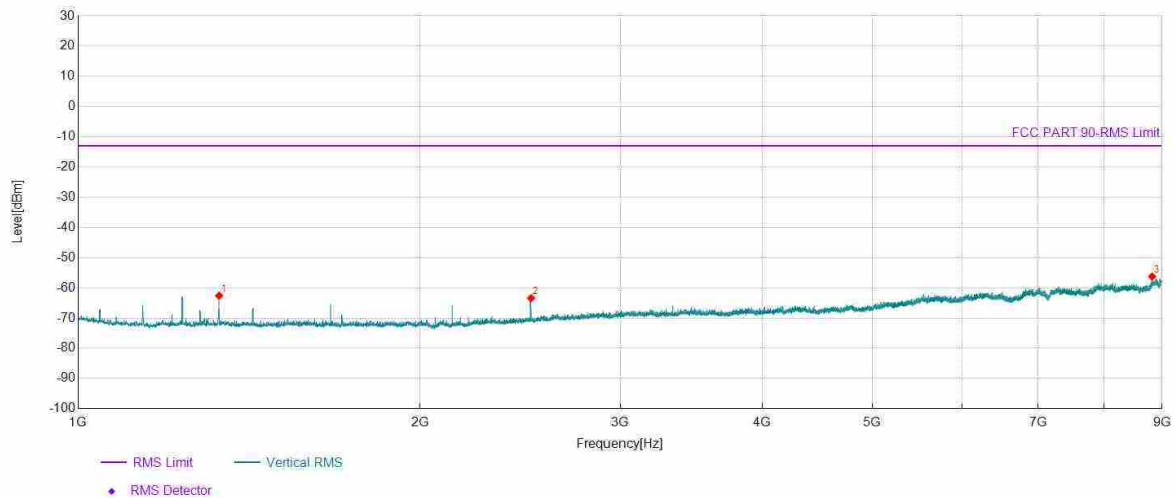
| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1236.00     | 52.15          | -114.32     | -62.17      | -13.00      | 49.17       | 150         | Vertical | PASS    |
| 2         | 2489.60     | 49.67          | -111.34     | -61.67      | -13.00      | 48.67       | 150         | Vertical | PASS    |
| 3         | 8857.20     | 36.03          | -92.92      | -56.89      | -13.00      | 43.89       | 150         | Vertical | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 26   |
| Bandwidth:          | 15MHz           | Channel:  | High      |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 2136.00     | 49.67          | -113.20     | -63.53      | -13.00      | 50.53       | 150         | Horizontal | PASS    |
| 2         | 2504.40     | 53.21          | -111.38     | -58.17      | -13.00      | 45.17       | 150         | Horizontal | PASS    |
| 3         | 8987.20     | 36.30          | -93.63      | -57.33      | -13.00      | 44.33       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 26   |
| Bandwidth:          | 15MHz           | Channel:  | High      |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

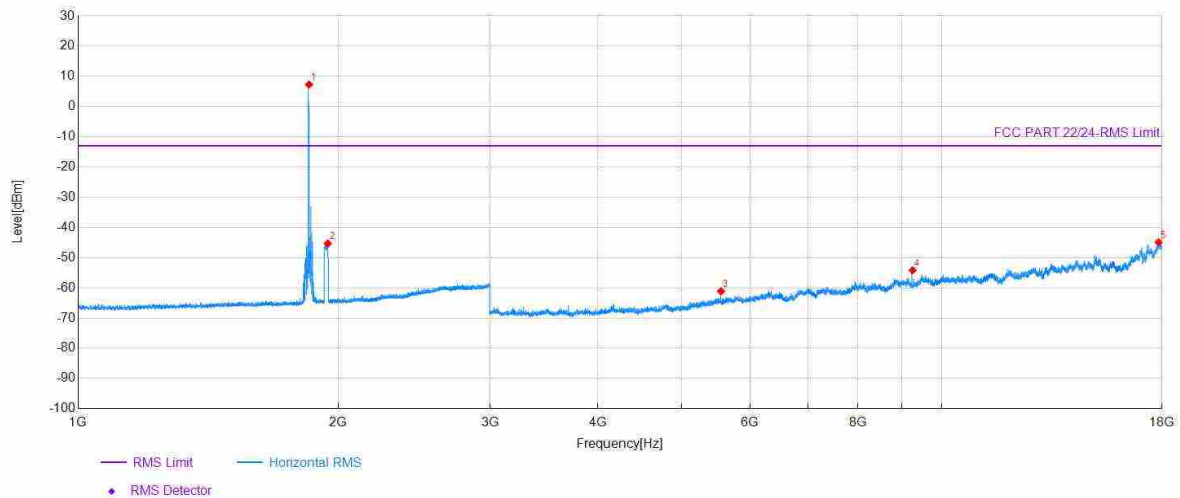
**Test Graph**

| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1330.80     | 51.66          | -114.27     | -62.61      | -13.00      | 49.61       | 150         | Vertical | PASS    |
| 2         | 2504.80     | 47.98          | -111.38     | -63.40      | -13.00      | 50.40       | 150         | Vertical | PASS    |
| 3         | 8821.20     | 37.09          | -93.36      | -56.27      | -13.00      | 43.27       | 150         | Vertical | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 25   |
| Bandwidth: | 20MHz           | Channel:  | Low       |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

## Test Graph

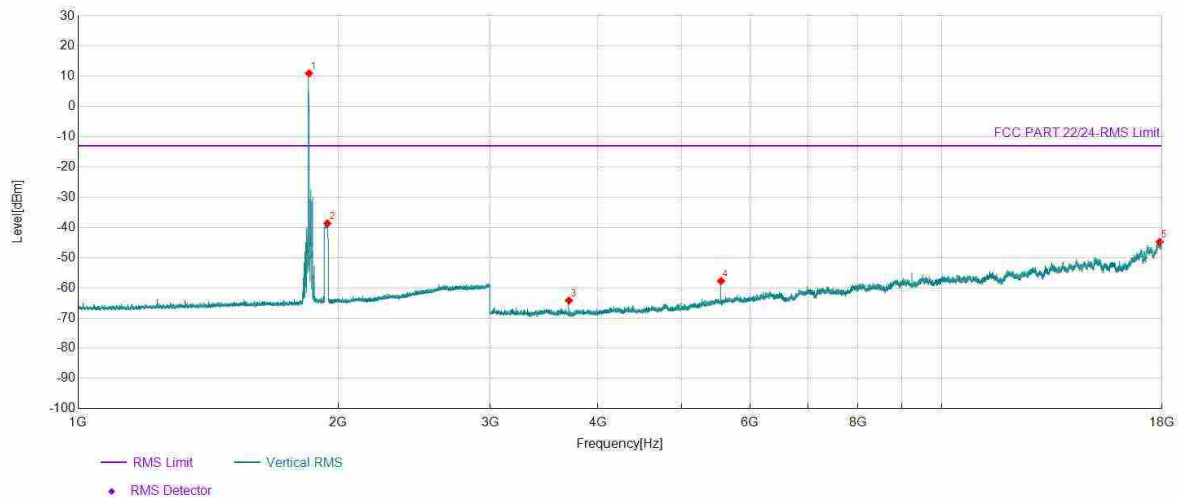


## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| 1   | 1851.00     | 100.82         | -93.54      | 7.28        | -           | -           | 150         | Horizontal | NA      |
| 2   | 1946.00     | 48.09          | -93.43      | -45.34      | -           | -           | 150         | Horizontal | NA      |
| 3   | 5553.00     | 40.19          | -101.32     | -61.13      | -13.00      | 48.13       | 150         | Horizontal | PASS    |
| 4   | 9255.75     | 38.44          | -92.63      | -54.19      | -13.00      | 41.19       | 150         | Horizontal | PASS    |
| 5   | 17839.50    | 37.08          | -81.99      | -44.91      | -13.00      | 31.91       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 25   |
| Bandwidth:          | 20MHz           | Channel:  | Low       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

## Test Graph

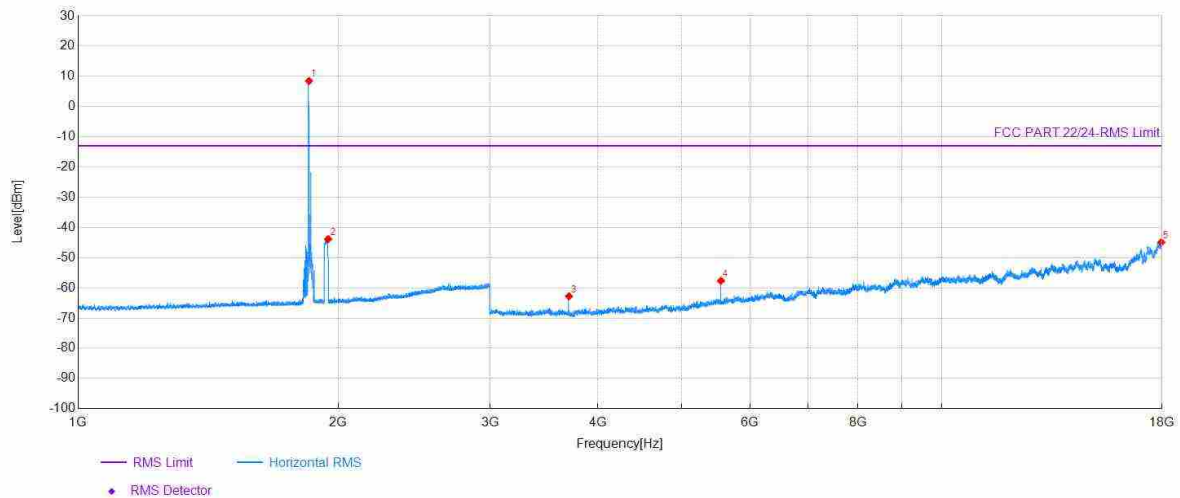


| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1851.00     | 104.57         | -93.54      | 11.03       | -           | -           | 150         | Vertical | NA      |
| 2         | 1944.20     | 54.73          | -93.42      | -38.69      | -           | -           | 150         | Vertical | NA      |
| 3         | 3702.00     | 43.32          | -107.51     | -64.19      | -13.00      | 51.19       | 150         | Vertical | PASS    |
| 4         | 5553.00     | 43.58          | -101.32     | -57.74      | -13.00      | 44.74       | 150         | Vertical | PASS    |
| 5         | 17890.50    | 37.53          | -82.32      | -44.79      | -13.00      | 31.79       | 150         | Vertical | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 25   |
| Bandwidth: | 20MHz           | Channel:  | Low       |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

## Test Graph



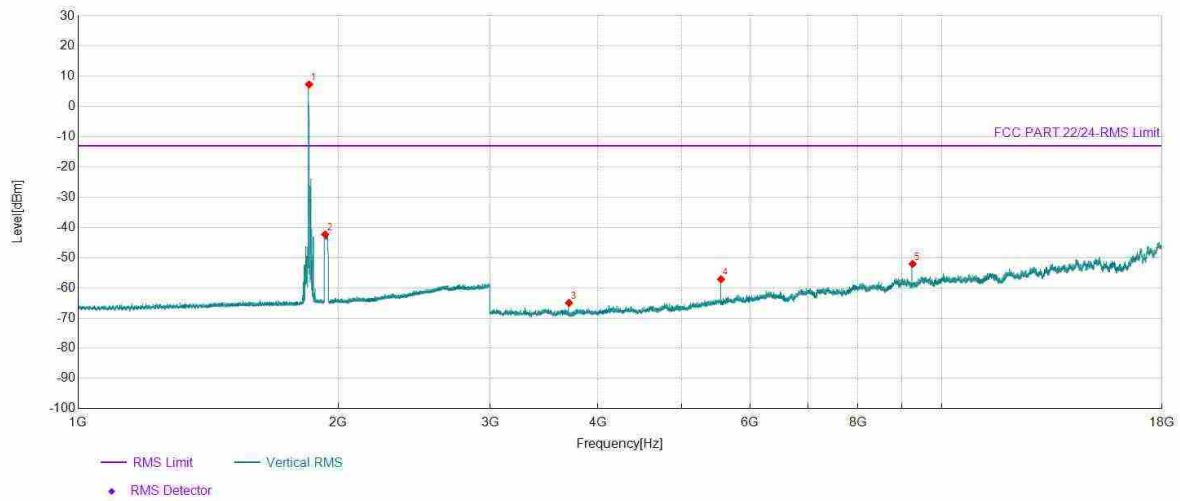
## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| 1   | 1851.00     | 102.03         | -93.54      | 8.49        | -           | -           | 150         | Horizontal | NA      |
| 2   | 1948.20     | 49.58          | -93.43      | -43.85      | -           | -           | 150         | Horizontal | NA      |
| 3   | 3702.00     | 44.71          | -107.51     | -62.80      | -13.00      | 49.80       | 150         | Horizontal | PASS    |
| 4   | 5553.00     | 43.65          | -101.32     | -57.67      | -13.00      | 44.67       | 150         | Horizontal | PASS    |
| 5   | 17967.75    | 37.36          | -82.24      | -44.88      | -13.00      | 31.88       | 150         | Horizontal | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 25   |
| Bandwidth: | 20MHz           | Channel:  | Low       |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

## Test Graph



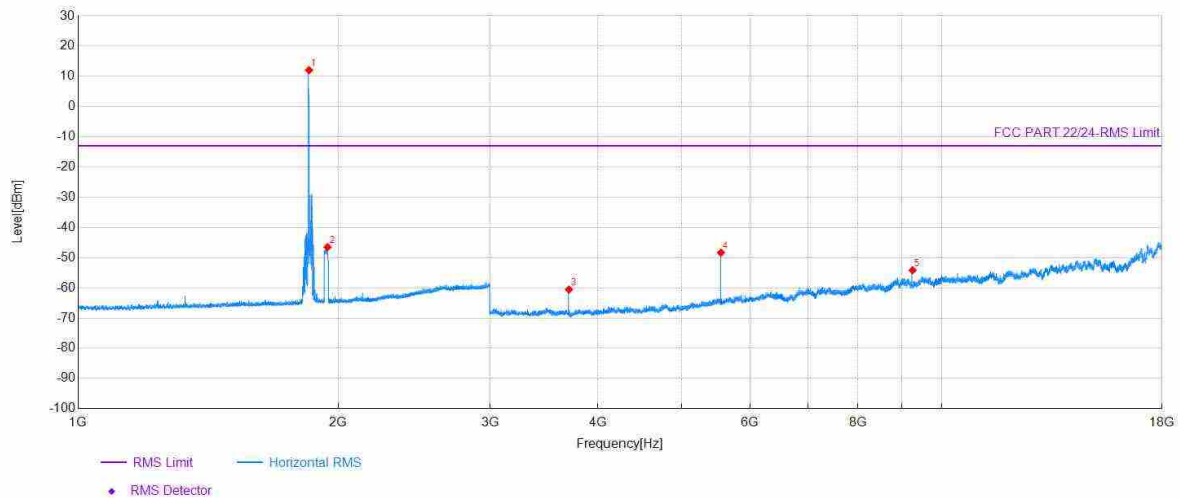
## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| 1   | 1851.20     | 100.86         | -93.54      | 7.32        | -           | -           | 150         | Vertical | NA      |
| 2   | 1932.00     | 51.09          | -93.42      | -42.33      | -           | -           | 150         | Vertical | NA      |
| 3   | 3702.00     | 42.54          | -107.51     | -64.97      | -13.00      | 51.97       | 150         | Vertical | PASS    |
| 4   | 5553.00     | 44.15          | -101.32     | -57.17      | -13.00      | 44.17       | 150         | Vertical | PASS    |
| 5   | 9255.00     | 40.56          | -92.64      | -52.08      | -13.00      | 39.08       | 150         | Vertical | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 25   |
| Bandwidth: | 20MHz           | Channel:  | Low       |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

## Test Graph



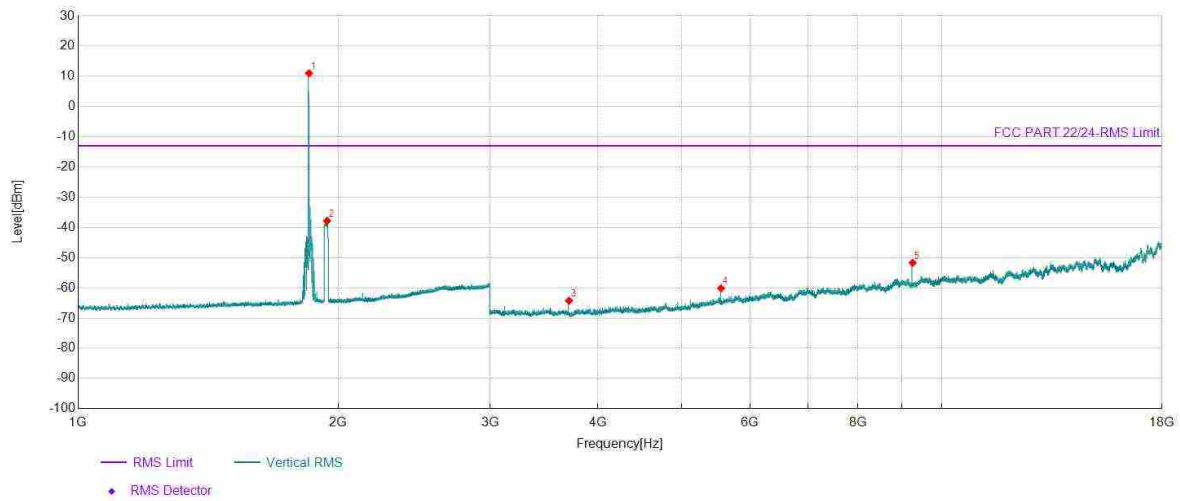
## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| 1   | 1851.20     | 105.60         | -93.54      | 12.06       | -           | -           | 150         | Horizontal | NA      |
| 2   | 1944.60     | 46.90          | -93.43      | -46.53      | -           | -           | 150         | Horizontal | NA      |
| 3   | 3702.00     | 46.95          | -107.51     | -60.56      | -13.00      | 47.56       | 150         | Horizontal | PASS    |
| 4   | 5553.00     | 52.97          | -101.32     | -48.35      | -13.00      | 35.35       | 150         | Horizontal | PASS    |
| 5   | 9255.75     | 38.46          | -92.63      | -54.17      | -13.00      | 41.17       | 150         | Horizontal | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 25   |
| Bandwidth: | 20MHz           | Channel:  | Low       |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

## Test Graph



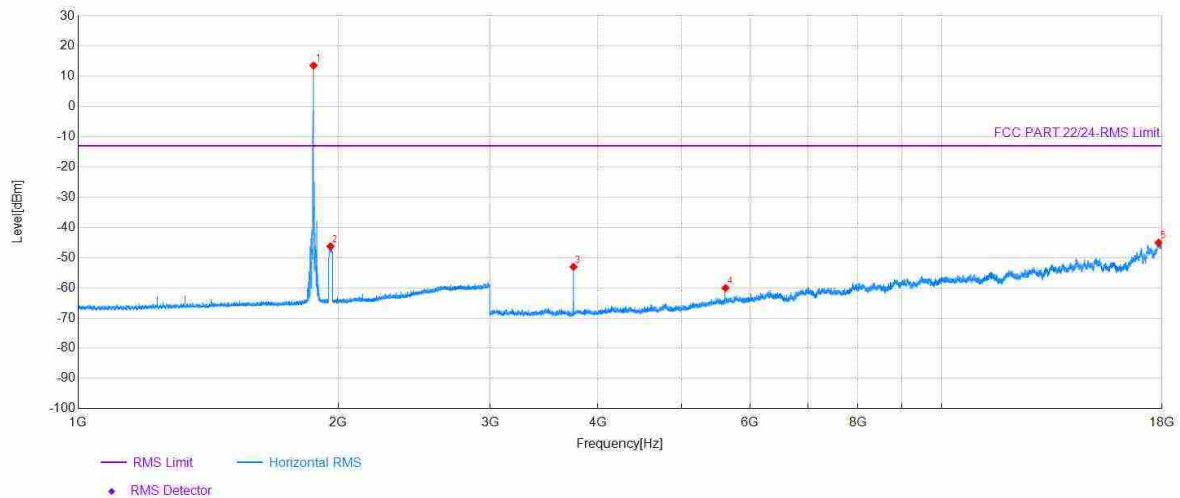
## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| 1   | 1851.20     | 104.57         | -93.54      | 11.03       | -           | -           | 150         | Vertical | NA      |
| 2   | 1941.80     | 55.60          | -93.43      | -37.83      | -           | -           | 150         | Vertical | NA      |
| 3   | 3702.00     | 43.26          | -107.51     | -64.25      | -13.00      | 51.25       | 150         | Vertical | PASS    |
| 4   | 5553.00     | 41.17          | -101.32     | -60.15      | -13.00      | 47.15       | 150         | Vertical | PASS    |
| 5   | 9255.75     | 40.89          | -92.63      | -51.74      | -13.00      | 38.74       | 150         | Vertical | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 25   |
| Bandwidth: | 20MHz           | Channel:  | Mid       |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

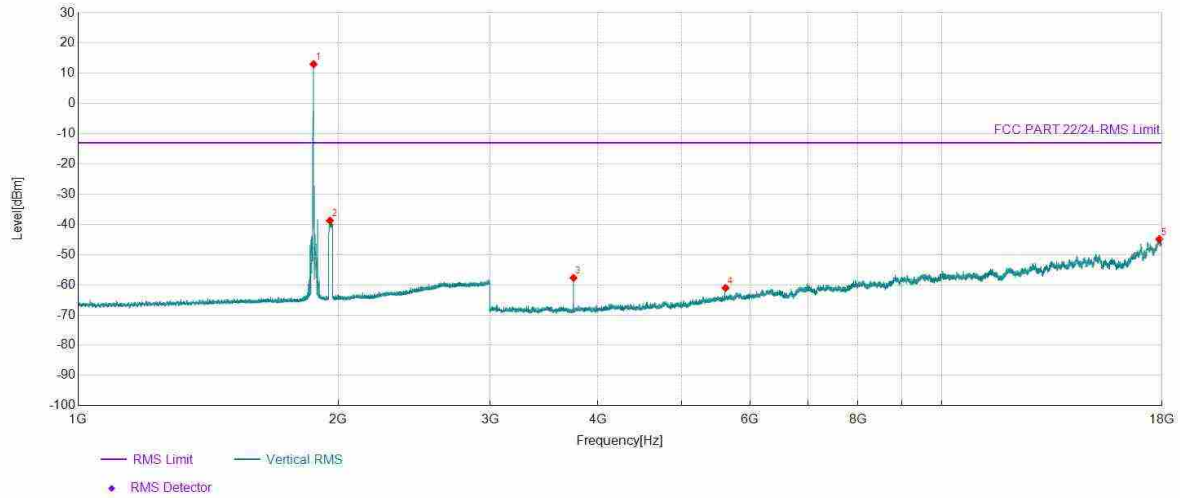
## Test Graph



## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| 1   | 1873.60     | 107.05         | -93.47      | 13.58       | -           | -           | 150         | Horizontal | NA      |
| 2   | 1960.20     | 47.13          | -93.39      | -46.26      | -           | -           | 150         | Horizontal | NA      |
| 3   | 3747.00     | 54.39          | -107.43     | -53.04      | -13.00      | 40.04       | 150         | Horizontal | PASS    |
| 4   | 5620.50     | 41.03          | -101.10     | -60.07      | -13.00      | 47.07       | 150         | Horizontal | PASS    |
| 5   | 17833.50    | 37.03          | -82.08      | -45.05      | -13.00      | 32.05       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 25   |
| Bandwidth:          | 20MHz           | Channel:  | Mid       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

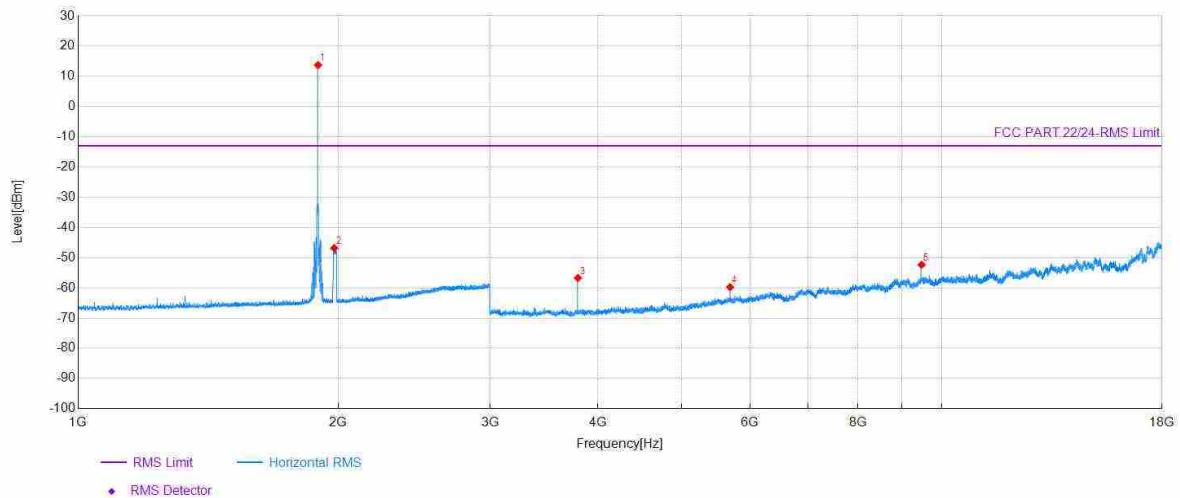
**Test Graph**

| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1873.60     | 106.53         | -93.47      | 13.06       | -           | -           | 150         | Vertical | NA      |
| 2         | 1956.80     | 54.67          | -93.41      | -38.74      | -           | -           | 150         | Vertical | NA      |
| 3         | 3747.00     | 49.72          | -107.43     | -57.71      | -13.00      | 44.71       | 150         | Vertical | PASS    |
| 4         | 5620.50     | 40.06          | -101.10     | -61.04      | -13.00      | 48.04       | 150         | Vertical | PASS    |
| 5         | 17870.25    | 37.21          | -82.08      | -44.87      | -13.00      | 31.87       | 150         | Vertical | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 25   |
| Bandwidth: | 20MHz           | Channel:  | High      |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

## Test Graph



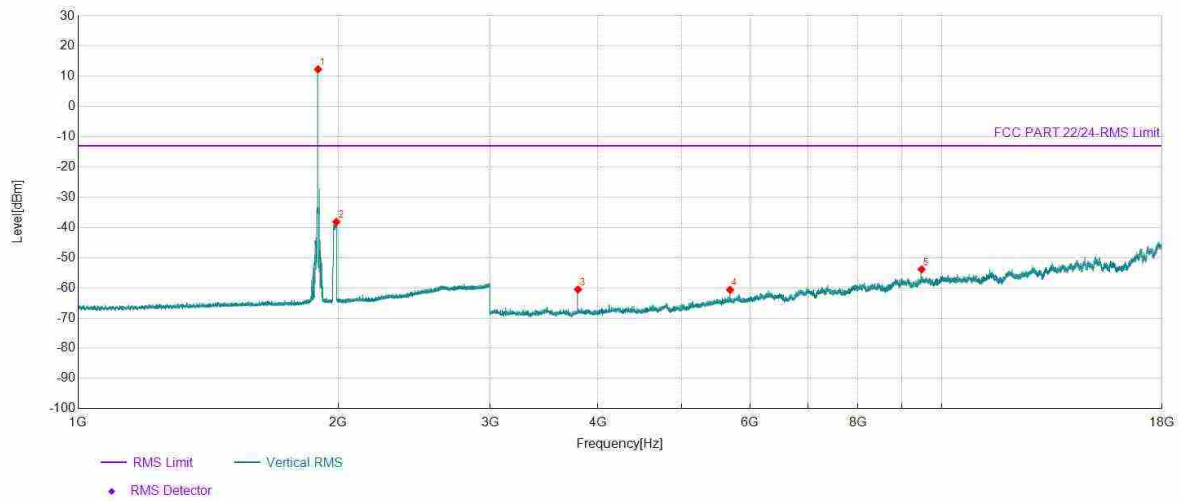
## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| 1   | 1896.00     | 107.16         | -93.41      | 13.75       | -           | -           | 150         | Horizontal | NA      |
| 2   | 1979.40     | 46.48          | -93.32      | -46.84      | -           | -           | 150         | Horizontal | NA      |
| 3   | 3792.00     | 49.97          | -106.71     | -56.74      | -13.00      | 43.74       | 150         | Horizontal | PASS    |
| 4   | 5688.00     | 41.05          | -100.83     | -59.78      | -13.00      | 46.78       | 150         | Horizontal | PASS    |
| 5   | 9480.75     | 40.57          | -92.95      | -52.38      | -13.00      | 39.38       | 150         | Horizontal | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 25   |
| Bandwidth: | 20MHz           | Channel:  | High      |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

## Test Graph



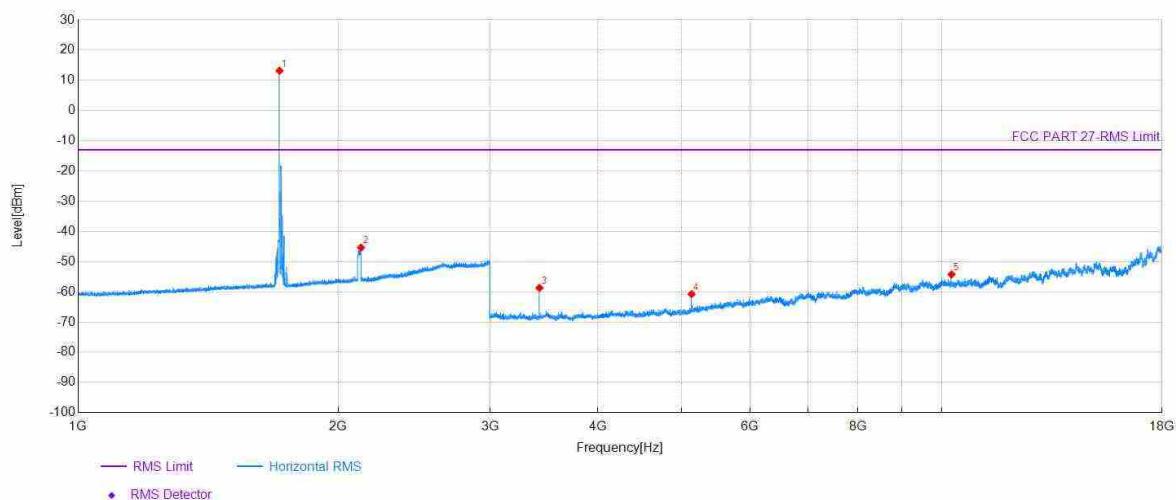
## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| 1   | 1896.00     | 105.73         | -93.41      | 12.32       | -           | -           | 150         | Vertical | NA      |
| 2   | 1991.00     | 55.09          | -93.27      | -38.18      | -           | -           | 150         | Vertical | NA      |
| 3   | 3792.00     | 46.17          | -106.71     | -60.54      | -13.00      | 47.54       | 150         | Vertical | PASS    |
| 4   | 5688.00     | 40.18          | -100.83     | -60.65      | -13.00      | 47.65       | 150         | Vertical | PASS    |
| 5   | 9480.75     | 39.06          | -92.95      | -53.89      | -13.00      | 40.89       | 150         | Vertical | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 66   |
| Bandwidth: | 20MHz           | Channel:  | Low       |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

## Test Graph



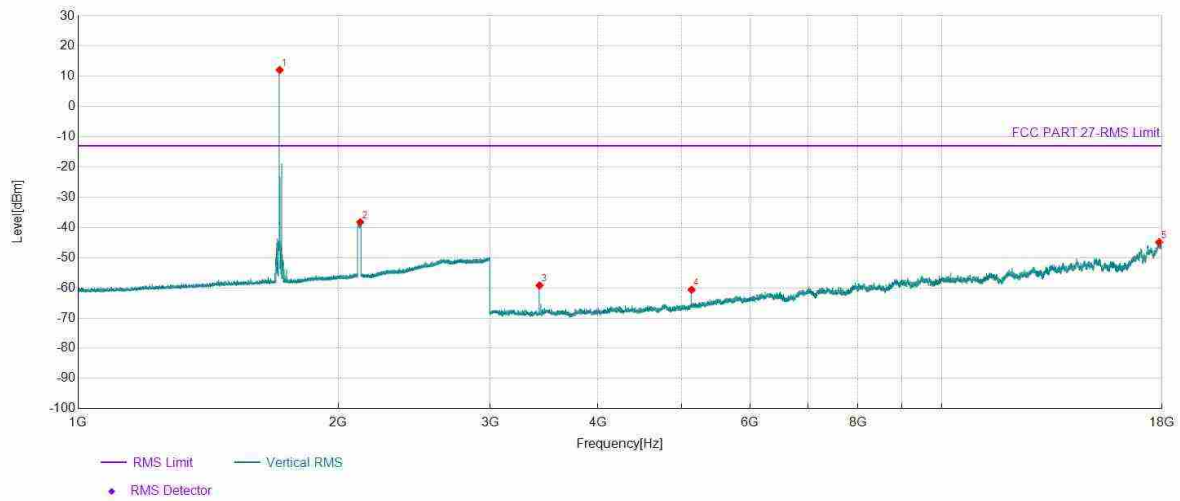
## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| 1   | 1711.00     | 107.26         | -94.08      | 13.18       | -           | -           | 150         | Horizontal | NA      |
| 2   | 2126.40     | 47.60          | -92.93      | -45.33      | -           | -           | 150         | Horizontal | NA      |
| 3   | 3422.25     | 48.84          | -107.53     | -58.69      | -13.00      | 45.69       | 150         | Horizontal | PASS    |
| 4   | 5133.00     | 41.49          | -102.22     | -60.73      | -13.00      | 47.73       | 150         | Horizontal | PASS    |
| 5   | 10266.75    | 37.38          | -91.60      | -54.22      | -13.00      | 41.22       | 150         | Horizontal | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 66   |
| Bandwidth: | 20MHz           | Channel:  | Low       |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

## Test Graph



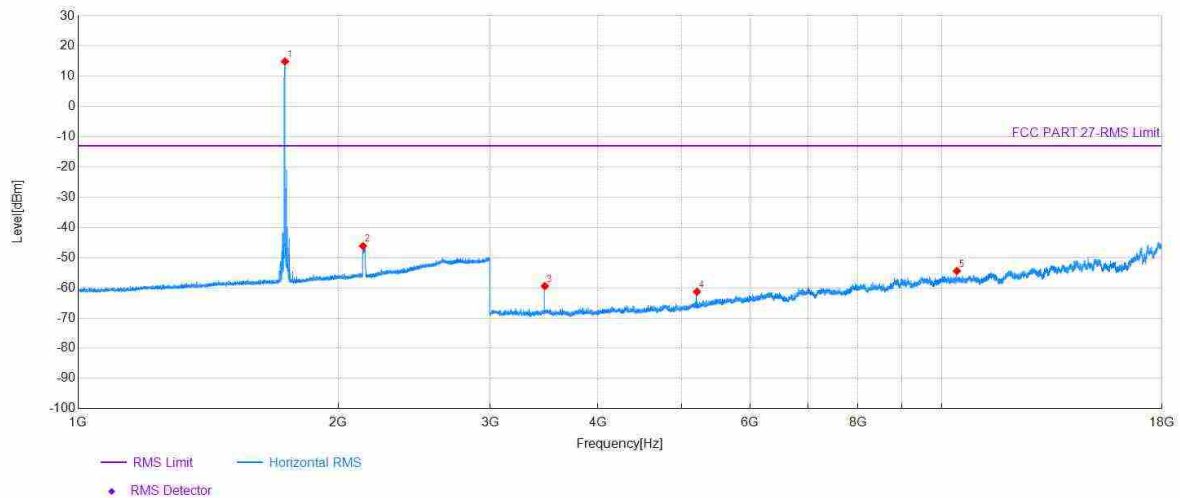
## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| 1   | 1711.20     | 106.18         | -94.08      | 12.10       | -           | -           | 150         | Vertical | NA      |
| 2   | 2121.60     | 54.66          | -92.92      | -38.26      | -           | -           | 150         | Vertical | NA      |
| 3   | 3422.25     | 48.31          | -107.53     | -59.22      | -13.00      | 46.22       | 150         | Vertical | PASS    |
| 4   | 5133.00     | 41.59          | -102.22     | -60.63      | -13.00      | 47.63       | 150         | Vertical | PASS    |
| 5   | 17865.00    | 37.13          | -82.02      | -44.89      | -13.00      | 31.89       | 150         | Vertical | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 66   |
| Bandwidth: | 20MHz           | Channel:  | Mid       |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

## Test Graph



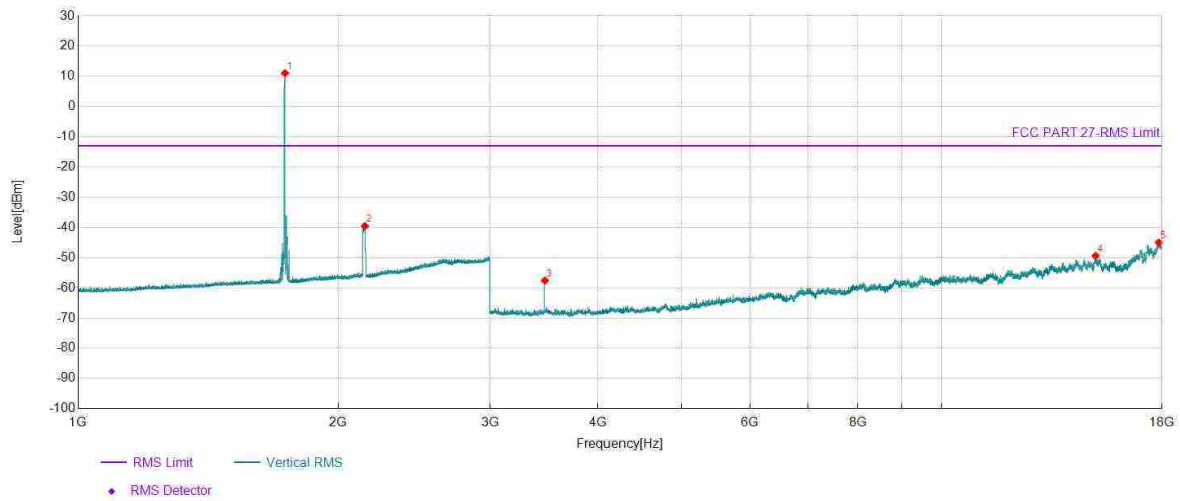
## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| 1   | 1736.00     | 108.91         | -94.00      | 14.91       | -           | -           | 150         | Horizontal | NA      |
| 2   | 2137.20     | 46.82          | -92.96      | -46.14      | -           | -           | 150         | Horizontal | NA      |
| 3   | 3471.75     | 47.73          | -107.15     | -59.42      | -13.00      | 46.42       | 150         | Horizontal | PASS    |
| 4   | 5208.00     | 40.91          | -102.19     | -61.28      | -13.00      | 48.28       | 150         | Horizontal | PASS    |
| 5   | 10416.75    | 37.12          | -91.54      | -54.42      | -13.00      | 41.42       | 150         | Horizontal | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 66   |
| Bandwidth: | 20MHz           | Channel:  | Mid       |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

## Test Graph



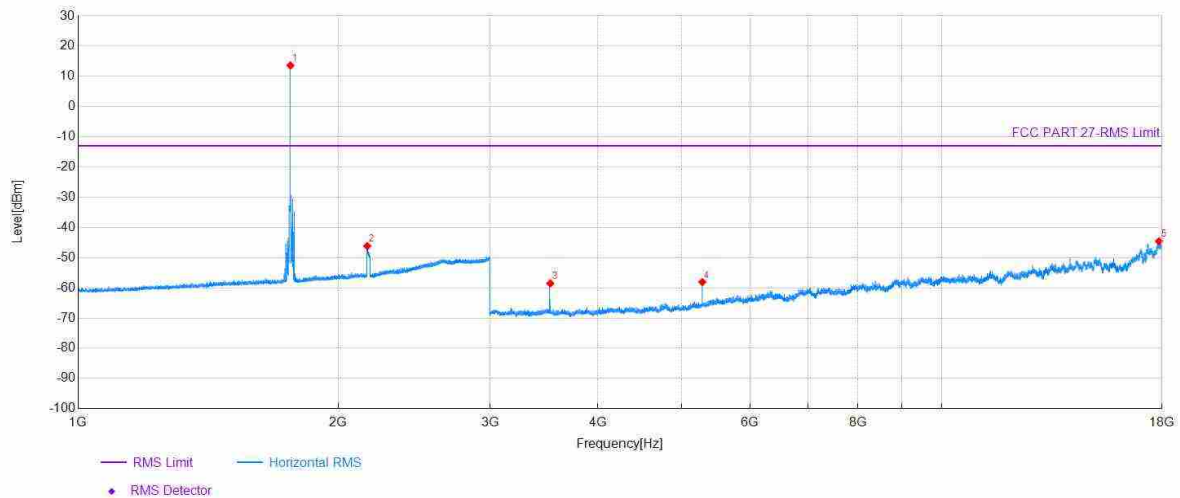
## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| 1   | 1736.00     | 105.07         | -94.00      | 11.07       | -           | -           | 150         | Vertical | NA      |
| 2   | 2148.00     | 53.45          | -92.99      | -39.54      | -           | -           | 150         | Vertical | NA      |
| 3   | 3471.75     | 49.54          | -107.15     | -57.61      | -13.00      | 44.61       | 150         | Vertical | PASS    |
| 4   | 15077.25    | 36.87          | -86.28      | -49.41      | -13.00      | 36.41       | 150         | Vertical | PASS    |
| 5   | 17851.50    | 36.87          | -81.86      | -44.99      | -13.00      | 31.99       | 150         | Vertical | PASS    |

## Project Information

|            |                 |           |           |
|------------|-----------------|-----------|-----------|
| Mode:      | LTE             | Band:     | Band 66   |
| Bandwidth: | 20MHz           | Channel:  | High      |
| IMEI:      | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:    | Polarity: Z     |           |           |

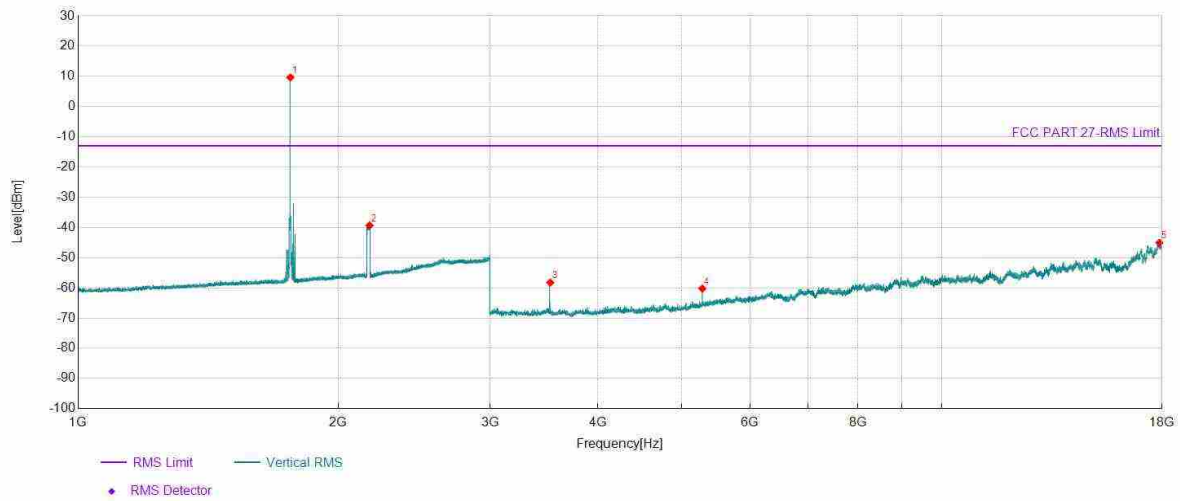
## Test Graph



## Data List

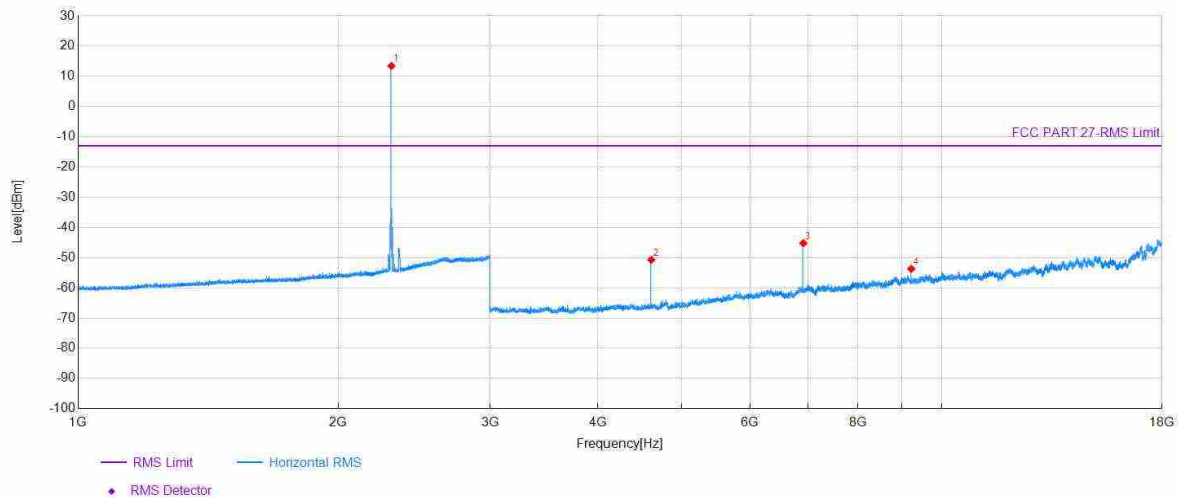
| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| 1   | 1761.00     | 107.55         | -93.93      | 13.62       | -           | -           | 150         | Horizontal | NA      |
| 2   | 2161.80     | 46.82          | -92.98      | -46.16      | -           | -           | 150         | Horizontal | NA      |
| 3   | 3522.00     | 48.73          | -107.25     | -58.52      | -13.00      | 45.52       | 150         | Horizontal | PASS    |
| 4   | 5283.00     | 43.61          | -101.70     | -58.09      | -13.00      | 45.09       | 150         | Horizontal | PASS    |
| 5   | 17856.00    | 37.33          | -81.91      | -44.58      | -13.00      | 31.58       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 66   |
| Bandwidth:          | 20MHz           | Channel:  | High      |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

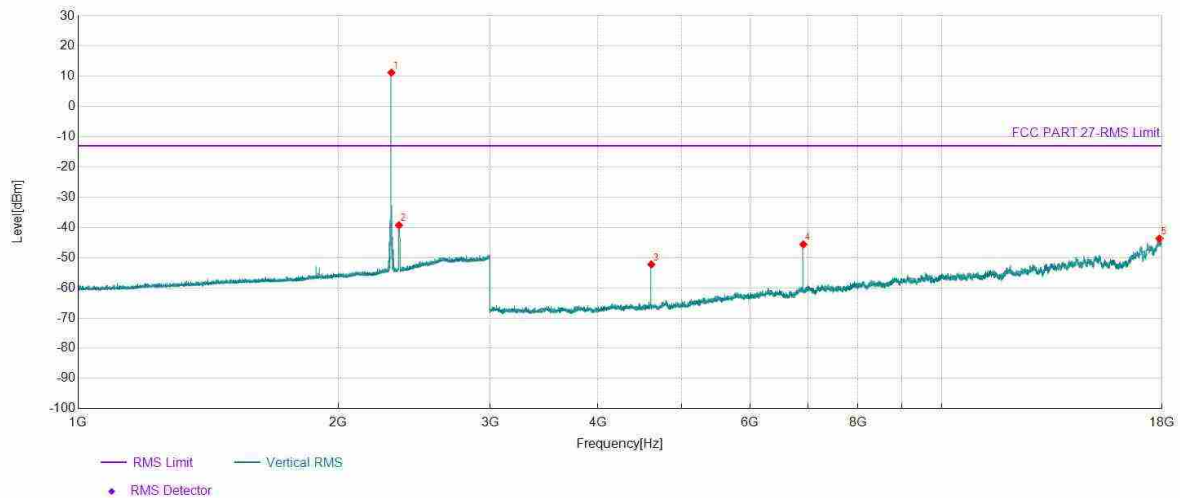
| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 1761.00     | 103.58         | -93.93      | 9.65        | -           | -           | 150         | Vertical | NA      |
| 2         | 2175.00     | 53.65          | -92.97      | -39.32      | -           | -           | 150         | Vertical | NA      |
| 3         | 3522.00     | 49.00          | -107.25     | -58.25      | -13.00      | 45.25       | 150         | Vertical | PASS    |
| 4         | 5283.00     | 41.46          | -101.70     | -60.24      | -13.00      | 47.24       | 150         | Vertical | PASS    |
| 5         | 17877.00    | 37.07          | -82.16      | -45.09      | -13.00      | 32.09       | 150         | Vertical | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 30   |
| Bandwidth:          | 10MHz           | Channel:  | Mid       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

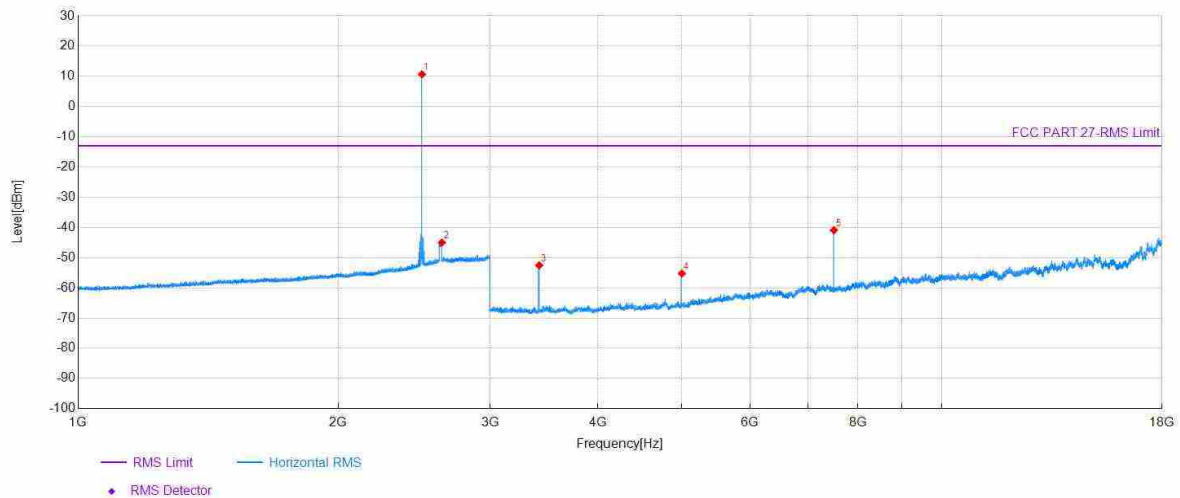
| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 2305.60     | 105.35         | -91.89      | 13.46       | -           | -           | 150         | Horizontal | NA      |
| 2         | 4611.00     | 53.11          | -103.83     | -50.72      | -13.00      | 37.72       | 150         | Horizontal | PASS    |
| 3         | 6916.50     | 52.33          | -97.54      | -45.21      | -13.00      | 32.21       | 150         | Horizontal | PASS    |
| 4         | 9222.00     | 38.87          | -92.57      | -53.70      | -13.00      | 40.70       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 30   |
| Bandwidth:          | 10MHz           | Channel:  | Mid       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

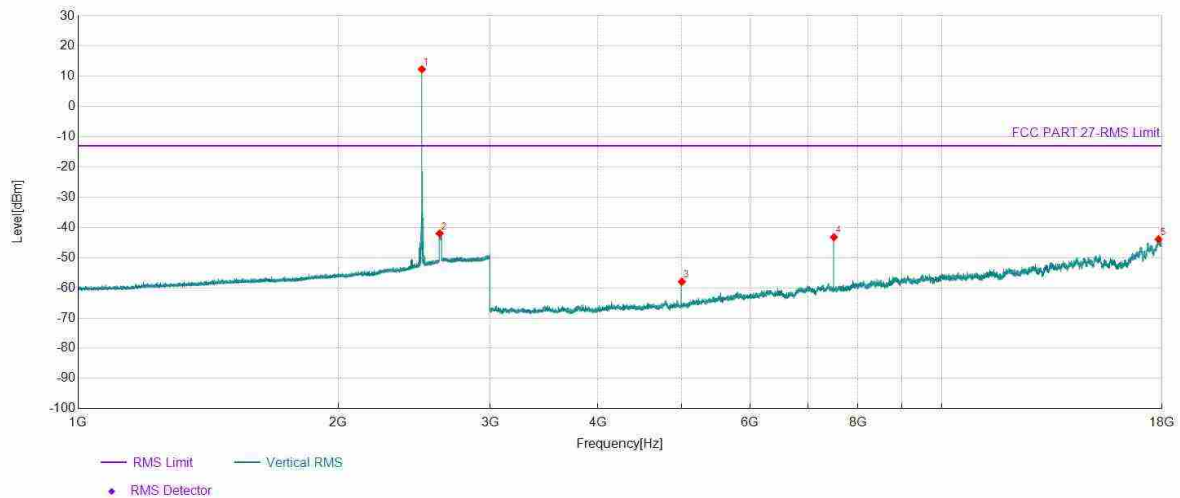
| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 2305.60     | 103.13         | -91.89      | 11.24       | -           | -           | 150         | Vertical | NA      |
| 2         | 2352.40     | 52.75          | -92.02      | -39.27      | -           | -           | 150         | Vertical | NA      |
| 3         | 4611.00     | 51.58          | -103.83     | -52.25      | -13.00      | 39.25       | 150         | Vertical | PASS    |
| 4         | 6916.50     | 51.92          | -97.54      | -45.62      | -13.00      | 32.62       | 150         | Vertical | PASS    |
| 5         | 17877.00    | 38.48          | -82.16      | -43.68      | -13.00      | 30.68       | 150         | Vertical | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 7    |
| Bandwidth:          | 20MHz           | Channel:  | Low       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

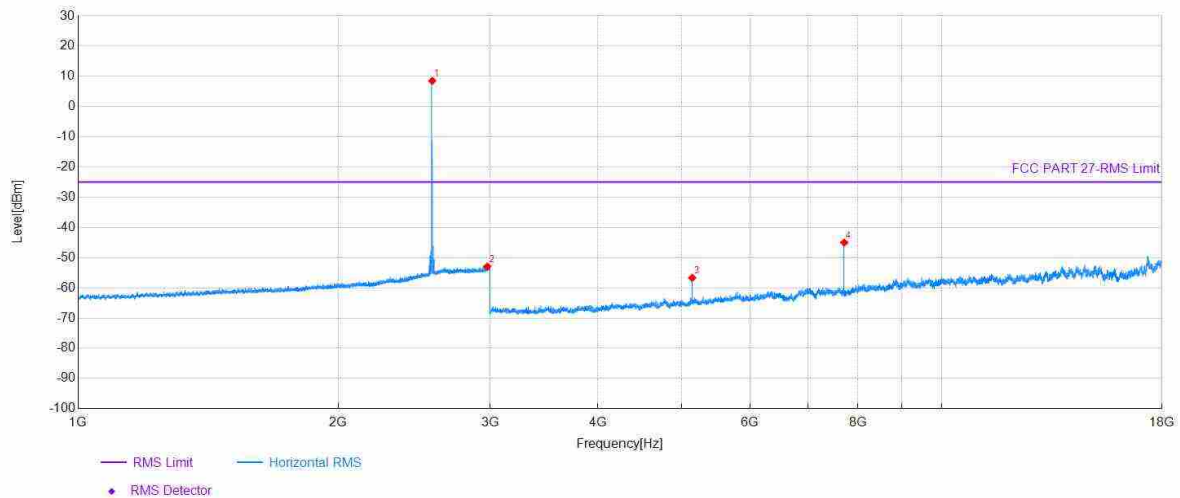
| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 2501.00     | 101.62         | -90.94      | 10.68       | -           | -           | 150         | Horizontal | NA      |
| 2         | 2637.60     | 45.13          | -90.17      | -45.04      | -           | -           | 150         | Horizontal | NA      |
| 3         | 3419.25     | 55.01          | -107.56     | -52.55      | -13.00      | 39.55       | 150         | Horizontal | PASS    |
| 4         | 5001.75     | 47.60          | -102.86     | -55.26      | -13.00      | 42.26       | 150         | Horizontal | PASS    |
| 5         | 7503.00     | 55.79          | -96.73      | -40.94      | -13.00      | 27.94       | 150         | Horizontal | PASS    |

| Project Information |                 |           |           |
|---------------------|-----------------|-----------|-----------|
| Mode:               | LTE             | Band:     | Band 7    |
| Bandwidth:          | 20MHz           | Channel:  | Low       |
| IMEI:               | 863547050056742 | Engineer: | Ou Shuyan |
| Remark:             | Polarity: Z     |           |           |

**Test Graph**

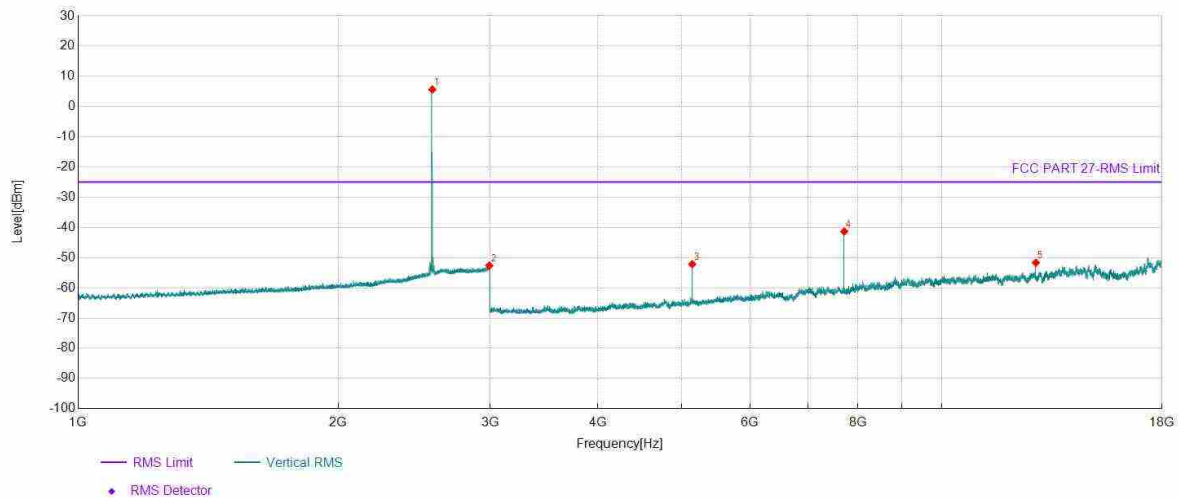
| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 2501.00     | 103.29         | -90.94      | 12.35       | -           | -           | 150         | Vertical | NA      |
| 2         | 2622.20     | 48.26          | -90.28      | -42.02      | -           | -           | 150         | Vertical | NA      |
| 3         | 5002.50     | 44.90          | -102.86     | -57.96      | -13.00      | 44.96       | 150         | Vertical | PASS    |
| 4         | 7503.00     | 53.51          | -96.73      | -43.22      | -13.00      | 30.22       | 150         | Vertical | PASS    |
| 5         | 17838.75    | 38.11          | -82.00      | -43.89      | -13.00      | 30.89       | 150         | Vertical | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | LTE             | Band:     | Band 38     |
| Bandwidth:          | 20MHz           | Channel:  | Low         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

**Test Graph**

| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 2571.00     | 99.19          | -90.66      | 8.53        | -           | -           | 150         | Horizontal | NA      |
| 2         | 2978.20     | 35.86          | -88.83      | -52.97      | -25.00      | 27.97       | 150         | Horizontal | PASS    |
| 3         | 5142.00     | 45.39          | -102.07     | -56.68      | -25.00      | 31.68       | 150         | Horizontal | PASS    |
| 4         | 7713.00     | 51.37          | -96.37      | -45.00      | -25.00      | 20.00       | 150         | Horizontal | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | LTE             | Band:     | Band 38     |
| Bandwidth:          | 20MHz           | Channel:  | Low         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

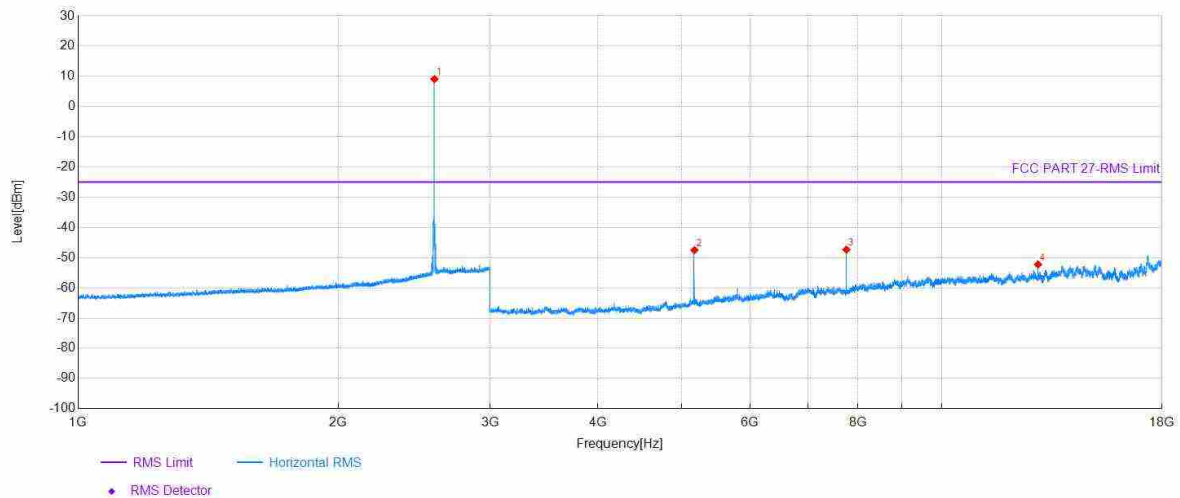
**Test Graph**

| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 2571.20     | 96.28          | -90.66      | 5.62        | -           | -           | 150         | Vertical | NA      |
| 2         | 2993.40     | 36.12          | -88.73      | -52.61      | -25.00      | 27.61       | 150         | Vertical | PASS    |
| 3         | 5142.00     | 49.90          | -102.07     | -52.17      | -25.00      | 27.17       | 150         | Vertical | PASS    |
| 4         | 7713.00     | 55.02          | -96.37      | -41.35      | -25.00      | 16.35       | 150         | Vertical | PASS    |
| 5         | 12855.00    | 37.79          | -89.46      | -51.67      | -25.00      | 26.67       | 150         | Vertical | PASS    |

## Project Information

|            |                 |           |             |
|------------|-----------------|-----------|-------------|
| Mode:      | LTE             | Band:     | Band 38     |
| Bandwidth: | 20MHz           | Channel:  | Mid         |
| IMEI:      | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:    | Polarity: Z     |           |             |

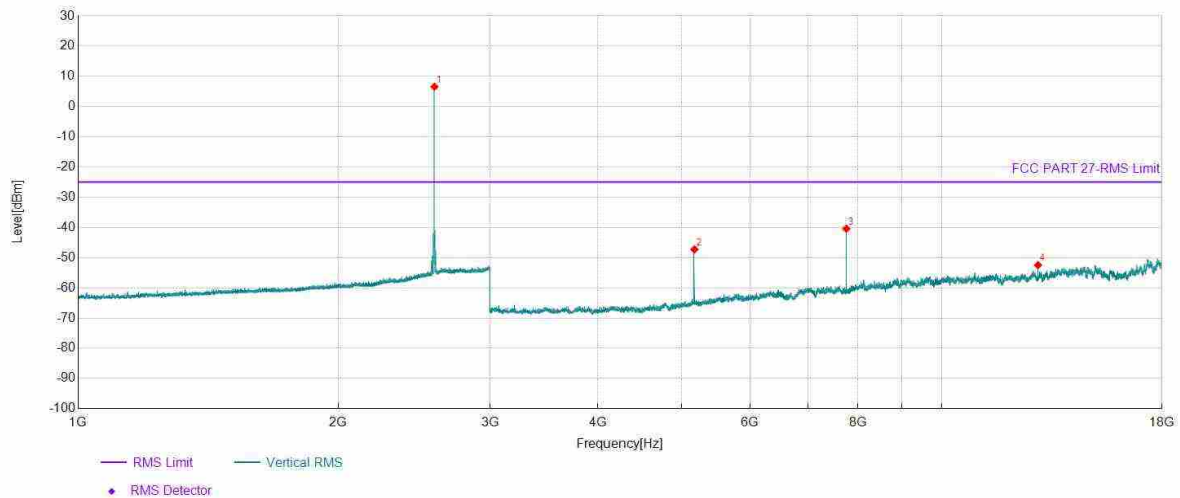
## Test Graph



## Data List

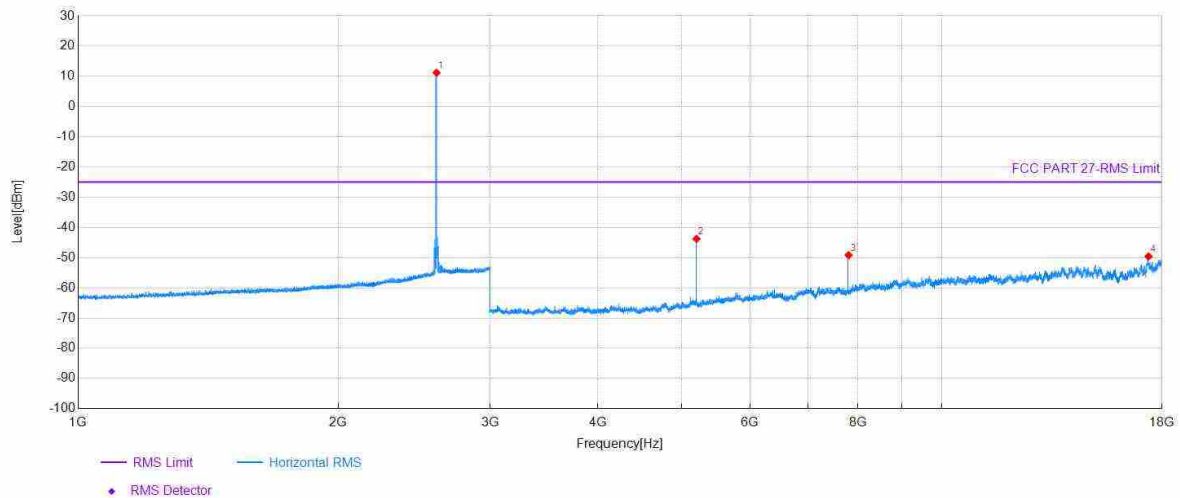
| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| 1   | 2586.00     | 99.66          | -90.55      | 9.11        | -           | -           | 150         | Horizontal | NA      |
| 2   | 5172.00     | 54.56          | -102.06     | -47.50      | -25.00      | 22.50       | 150         | Horizontal | PASS    |
| 3   | 7758.00     | 49.08          | -96.44      | -47.36      | -25.00      | 22.36       | 150         | Horizontal | PASS    |
| 4   | 12930.00    | 37.93          | -90.18      | -52.25      | -25.00      | 27.25       | 150         | Horizontal | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | LTE             | Band:     | Band 38     |
| Bandwidth:          | 20MHz           | Channel:  | Mid         |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

**Test Graph**

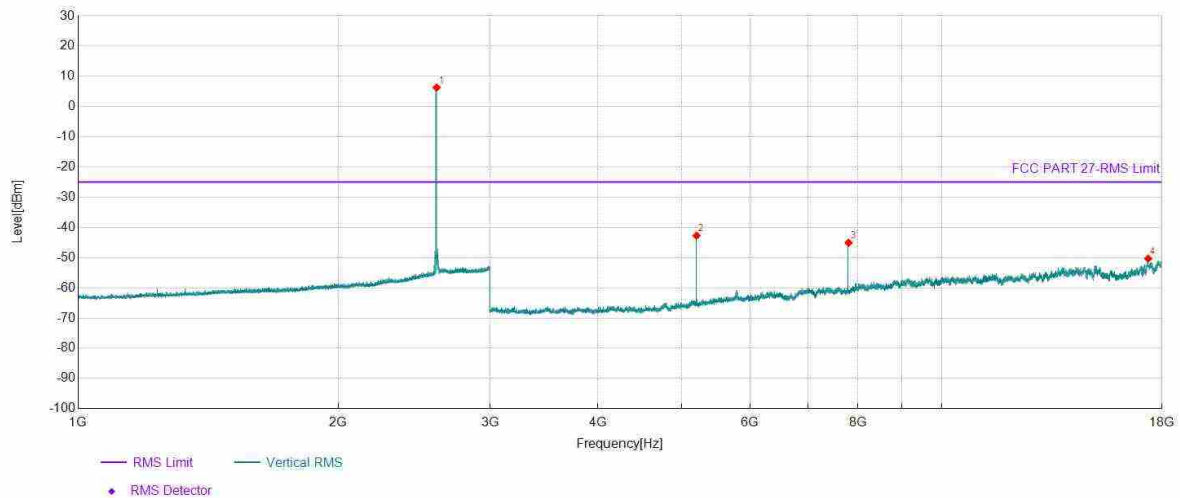
| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 2586.00     | 97.13          | -90.55      | 6.58        | -           | -           | 150         | Vertical | NA      |
| 2         | 5172.00     | 54.78          | -102.06     | -47.28      | -25.00      | 22.28       | 150         | Vertical | PASS    |
| 3         | 7758.00     | 56.04          | -96.44      | -40.40      | -25.00      | 15.40       | 150         | Vertical | PASS    |
| 4         | 12930.75    | 37.71          | -90.18      | -52.47      | -25.00      | 27.47       | 150         | Vertical | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | LTE             | Band:     | Band 38     |
| Bandwidth:          | 20MHz           | Channel:  | High        |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

**Test Graph**

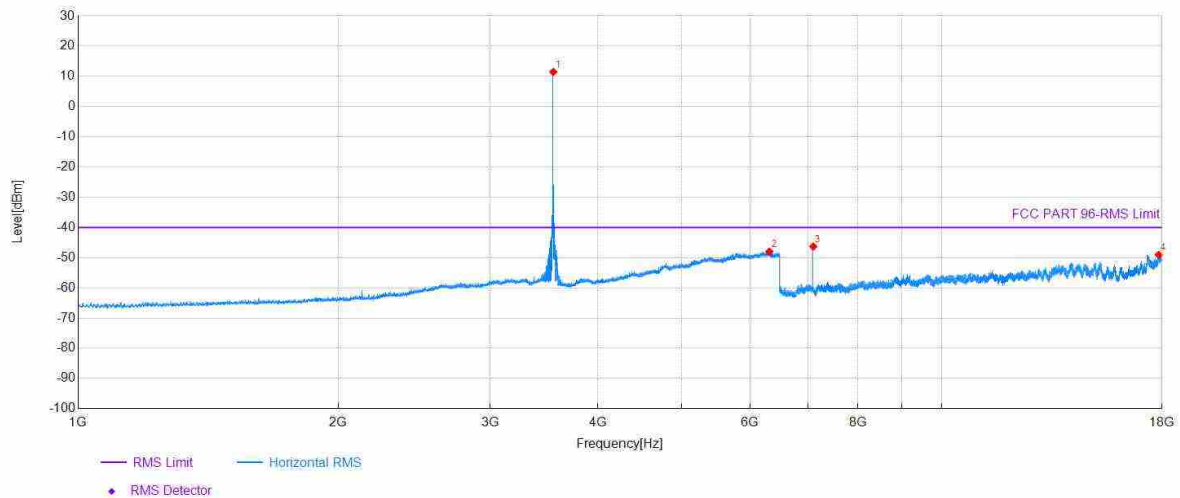
| Data List |             |                |             |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity   | Verdict |
| 1         | 2601.00     | 101.67         | -90.45      | 11.22       | -           | -           | 150         | Horizontal | NA      |
| 2         | 5202.00     | 58.41          | -102.20     | -43.79      | -25.00      | 18.79       | 150         | Horizontal | PASS    |
| 3         | 7803.00     | 46.87          | -96.04      | -49.17      | -25.00      | 24.17       | 150         | Horizontal | PASS    |
| 4         | 17363.25    | 33.32          | -82.92      | -49.60      | -25.00      | 24.60       | 150         | Horizontal | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | LTE             | Band:     | Band 38     |
| Bandwidth:          | 20MHz           | Channel:  | High        |
| IMEI:               | 863547050056742 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

**Test Graph**

| Data List |             |                |             |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Polarity | Verdict |
| 1         | 2601.20     | 96.77          | -90.45      | 6.32        | -           | -           | 150         | Vertical | NA      |
| 2         | 5202.00     | 59.47          | -102.20     | -42.73      | -25.00      | 17.73       | 150         | Vertical | PASS    |
| 3         | 7803.00     | 50.96          | -96.04      | -45.08      | -25.00      | 20.08       | 150         | Vertical | PASS    |
| 4         | 17346.75    | 32.21          | -82.55      | -50.34      | -25.00      | 25.34       | 150         | Vertical | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | LTE             | Band:     | Band 48     |
| Bandwidth:          | 20MHz           | Channel:  | Low         |
| IMEI:               | 863947050056809 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z     |           |             |

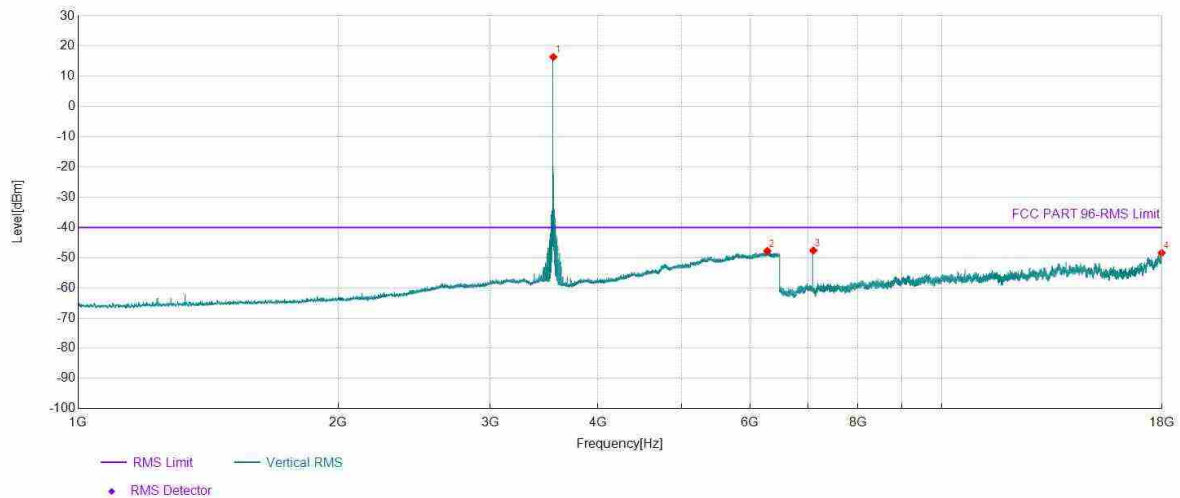
**Test Graph**

| Data List |             |                |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   | Verdict |
| 1         | 3550.90     | 99.08          | -87.60      | 11.48       | -           | -           | Horizontal | NA      |
| 2         | 6316.85     | 30.65          | -78.64      | -47.99      | -40.00      | 7.99        | Horizontal | PASS    |
| 3         | 7102.22     | 50.53          | -96.84      | -46.31      | -40.00      | 6.31        | Horizontal | PASS    |
| 4         | 17844.75    | 32.42          | -81.49      | -49.07      | -40.00      | 9.07        | Horizontal | PASS    |

## Project Information

|            |                 |           |             |
|------------|-----------------|-----------|-------------|
| Mode:      | LTE             | Band:     | Band 48     |
| Bandwidth: | 20MHz           | Channel:  | Low         |
| IMEI:      | 863947050056809 | Engineer: | Shen Zhuang |
| Remark:    | Polarity: Z     |           |             |

## Test Graph



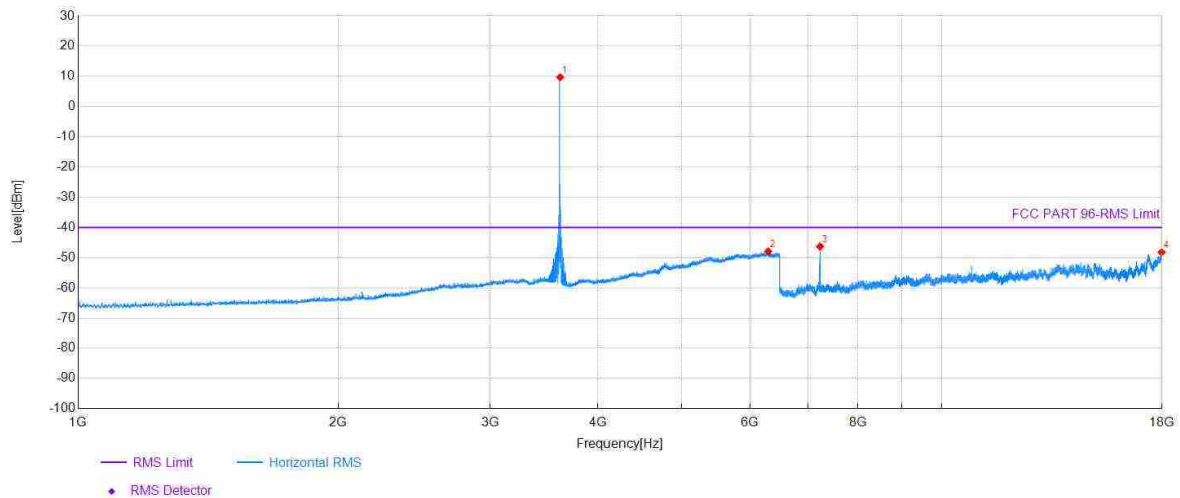
## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|----------|---------|
| 1   | 3550.90     | 104.01         | -87.60      | 16.41       | -           | -           | Vertical | NA      |
| 2   | 6282.75     | 30.97          | -78.76      | -47.79      | -40.00      | 7.79        | Vertical | PASS    |
| 3   | 7102.22     | 49.21          | -96.84      | -47.63      | -40.00      | 7.63        | Vertical | PASS    |
| 4   | 17980.83    | 33.31          | -81.75      | -48.44      | -40.00      | 8.44        | Vertical | PASS    |

## Project Information

|            |                 |           |             |
|------------|-----------------|-----------|-------------|
| Mode:      | LTE             | Band:     | Band 48     |
| Bandwidth: | 20MHz           | Channel:  | Mid         |
| IMEI:      | 863947050056809 | Engineer: | Shen Zhuang |
| Remark:    | Polarity: Z     |           |             |

## Test Graph



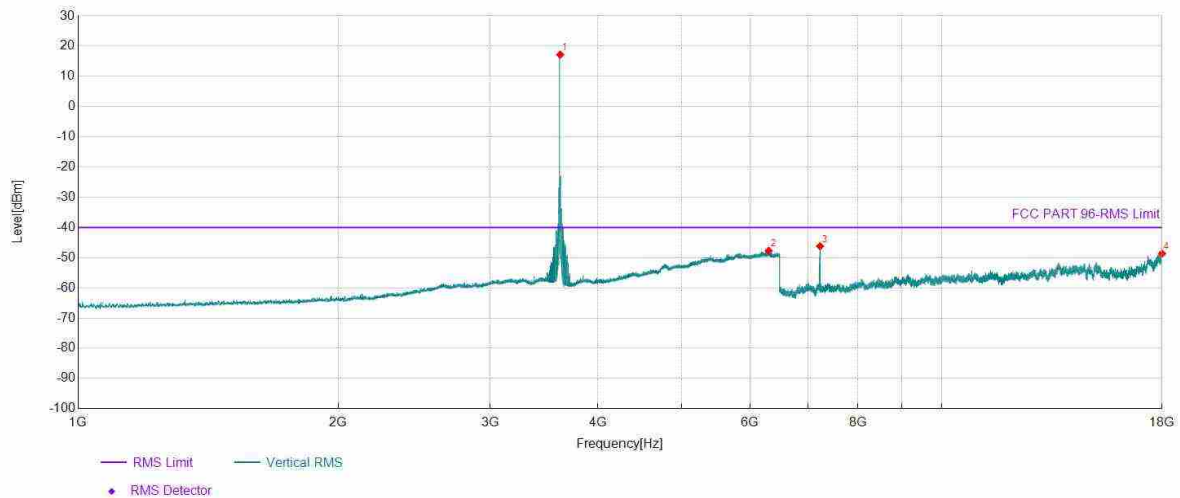
## Data List

| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|------------|---------|
| 1   | 3615.80     | 96.75          | -87.04      | 9.71        | -           | -           | Horizontal | NA      |
| 2   | 6298.15     | 30.62          | -78.56      | -47.94      | -40.00      | 7.94        | Horizontal | PASS    |
| 3   | 7232.17     | 49.63          | -95.97      | -46.34      | -40.00      | 6.34        | Horizontal | PASS    |
| 4   | 17980.07    | 33.55          | -81.76      | -48.21      | -40.00      | 8.21        | Horizontal | PASS    |

## Project Information

|            |                 |           |             |
|------------|-----------------|-----------|-------------|
| Mode:      | LTE             | Band:     | Band 48     |
| Bandwidth: | 20MHz           | Channel:  | Mid         |
| IMEI:      | 863947050056809 | Engineer: | Shen Zhuang |
| Remark:    | Polarity: Z     |           |             |

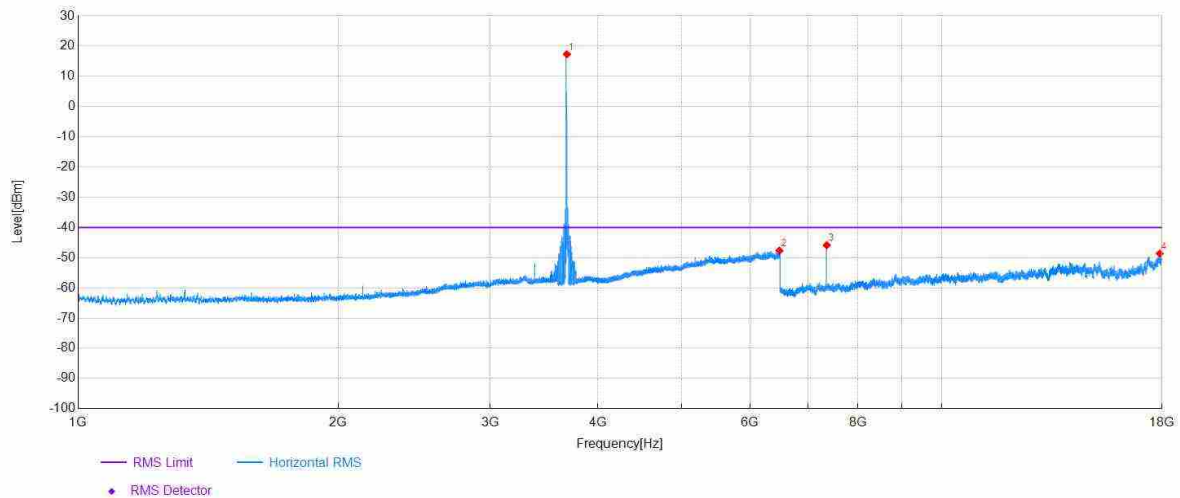
## Test Graph



## Data List

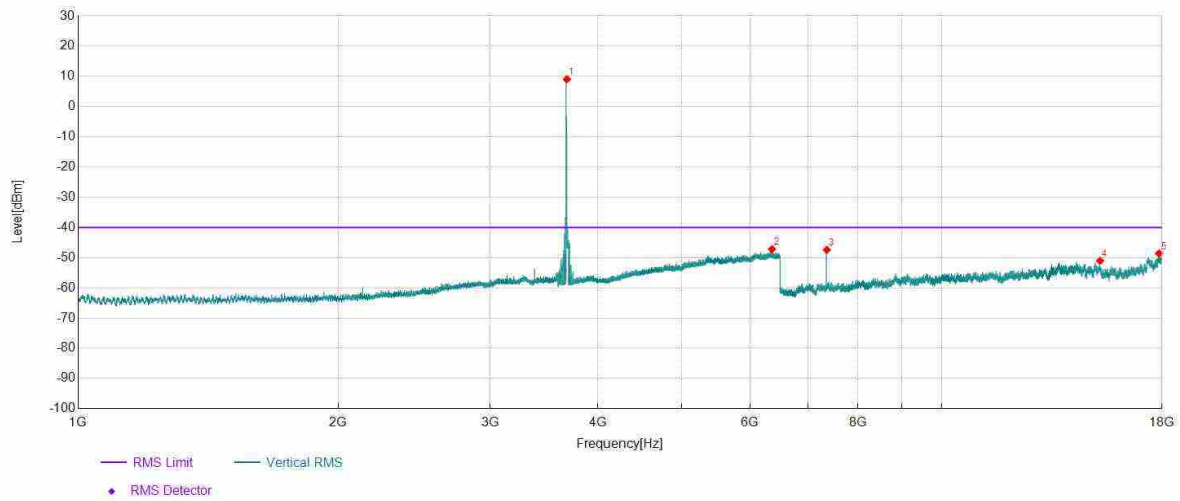
| NO. | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity | Verdict |
|-----|-------------|----------------|-------------|-------------|-------------|-------------|----------|---------|
| 1   | 3615.80     | 104.24         | -87.04      | 17.20       | -           | -           | Vertical | NA      |
| 2   | 6305.85     | 30.85          | -78.58      | -47.73      | -40.00      | 7.73        | Vertical | PASS    |
| 3   | 7232.17     | 49.75          | -95.97      | -46.22      | -40.00      | 6.22        | Vertical | PASS    |
| 4   | 17999.23    | 32.81          | -81.48      | -48.67      | -40.00      | 8.67        | Vertical | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | LTE             | Band:     | Band 48     |
| Bandwidth:          | 20MHz           | Channel:  | High        |
| IMEI:               | 863947050056809 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z 175 |           |             |

**Test Graph**

| Data List |             |                |             |             |             |             |            |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|------------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   | Verdict |
| 1         | 3680.98     | 105.97         | -88.66      | 17.31       | -           | -           | Horizontal | NA      |
| 2         | 6488.18     | 32.14          | -79.83      | -47.69      | -40.00      | 7.69        | Horizontal | PASS    |
| 3         | 7362.12     | 50.35          | -96.23      | -45.88      | -40.00      | 5.88        | Horizontal | PASS    |
| 4         | 17893.43    | 33.19          | -81.83      | -48.64      | -40.00      | 8.64        | Horizontal | PASS    |

| Project Information |                 |           |             |
|---------------------|-----------------|-----------|-------------|
| Mode:               | LTE             | Band:     | Band 48     |
| Bandwidth:          | 20MHz           | Channel:  | High        |
| IMEI:               | 863947050056809 | Engineer: | Shen Zhuang |
| Remark:             | Polarity: Z 175 |           |             |

**Test Graph**

| Data List |             |                |             |             |             |             |          |         |
|-----------|-------------|----------------|-------------|-------------|-------------|-------------|----------|---------|
| NO.       | Freq. [MHz] | Reading [dBuV] | Factor [dB] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity | Verdict |
| 1         | 3680.98     | 97.69          | -88.66      | 9.03        | -           | -           | Vertical | NA      |
| 2         | 6360.58     | 32.77          | -79.98      | -47.21      | -40.00      | 7.21        | Vertical | PASS    |
| 3         | 7362.12     | 48.81          | -96.23      | -47.42      | -40.00      | 7.42        | Vertical | PASS    |
| 4         | 15259.17    | 34.57          | -85.61      | -51.04      | -40.00      | 11.04       | Vertical | PASS    |
| 5         | 17860.08    | 32.78          | -81.40      | -48.62      | -40.00      | 8.62        | Vertical | PASS    |

~The End~