

# **TEST REPORT**

**Applicant:** Particle Industries, Inc.

**EUT Description:** Tachyon

**Model:** TACH4ROW, TACH8ROW

**Brand:** Particle

**Standards:** ETSI EN 301 908-1 V15.2.1

**Date of Receipt:** 2025/06/25

**Date of Test:** 2025/06/25 to 2025/08/27

**Date of Issue:** 2025/08/28

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 to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to 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.



Jim Huang  
Approved By:



Carey Chen  
Reviewed By:

## Revision History

| Rev. | Issue Date | Description | Revised by |
|------|------------|-------------|------------|
| 01   | 2025/08/28 | Original    | Carey Chen |

## Summary of Test Results

| <b>Test Item</b>                      | <b>Test Requirement</b>  | <b>Test Method</b>       | <b>Result</b>                     |
|---------------------------------------|--------------------------|--------------------------|-----------------------------------|
|                                       | <b>ETSI EN 301 908-1</b> | <b>ETSI EN 301 908-1</b> |                                   |
| Radiated emissions (UE)               | Clause 4.2.2             | Clause 5.3.1             | Pass                              |
| Control and monitoring functions (UE) | Clause 4.2.4             | Clause 5.3.3.1           | Reference report<br>2406RSU046-E3 |

Remark: In this report the Radiated emissions for Single Carrier was tested, and the other data please refer to the previous report with report number 2406RSU046-E3 issued 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.

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: | Particle Industries, Inc.                              |
| Address:   | 548 Market St, PMB 34833, San Francisco, CA 94104, USA |

### 1.2.2 Manufacturer

|               |  |
|---------------|--|
| Manufacturer: | Particle Industries, Inc.                              |
| Address:      | 548 Market St, PMB 34833, San Francisco, CA 94104, USA |

## 1.3 Product Information

| EUT Description:    | Tachyon  |   |  |
|---------------------|--|---|--|
| Model:              | TACH4ROW, TACH8ROW   |   |  |
| Brand:              | Particle   |   |  |
| Hardware Version:   | V1.2   |   |  |
| Software Version:   | 1.0.160  |   |  |
| IMEI:               | 863174060029047  |   |  |
| Frequency Bands:    | Band   | TX Frequency                                    | RX Frequency                             |
|                     | WCDMA Band I   | 1920MHz ~ 1980MHz                               | 2110MHz ~ 2170MHz                        |
|                     | WCDMA Band V   | 824MHz ~ 849MHz                                 | 869MHz ~ 894MHz                          |
|                     | WCDMA Band VIII  | 880MHz ~ 915MHz                                 | 925MHz ~ 960MHz                          |
|                     | LTE Band 1   | 1920MHz ~ 1980MHz                               | 2110MHz ~ 2170MHz                        |
|                     | LTE Band 3   | 1710MHz ~ 1785MHz                               | 1805MHz ~ 1880MHz                        |
|                     | LTE Band 5   | 824MHz ~ 849MHz                                 | 869MHz ~ 894MHz                          |
|                     | LTE Band 7   | 2500MHz ~ 2570MHz                               | 2620MHz ~ 2690MHz                        |
|                     | LTE Band 8   | 880MHz ~ 915MHz                                 | 925MHz ~ 960MHz                          |
|                     | LTE Band 20  | 832MHz ~ 862MHz                                 | 791MHz ~ 821MHz                          |
|                     | LTE Band 28  | 703MHz ~ 748MHz                                 | 758MHz ~ 803MHz                          |
|                     | LTE Band 32  | /   | 1452MHz ~ 1496MHz                        |
|                     | LTE Band 34  | 2010MHz ~ 2025MHz                               | 2010MHz ~ 2025MHz                        |
|                     | LTE Band 38  | 2570MHz ~ 2620MHz                               | 2570MHz ~ 2620MHz                        |
|                     | LTE Band 40  | 2300MHz ~ 2400MHz                               | 2300MHz ~ 2400MHz                        |
|                     | LTE Band 41  | 2496MHz ~ 2690MHz                               | 2496MHz ~ 2690MHz                        |
|                     | LTE Band 42  | 3400MHz ~ 3600MHz                               | 3400MHz ~ 3600MHz                        |
|                     | NR Band n1   | 1920 ~ 1980MHz                                  | 2110 ~ 2170MHz                           |
|                     | NR Band n3   | 1710 ~ 1785MHz                                  | 1805 ~ 1880MHz                           |
|                     | NR Band n5   | 824 ~ 849 MHz                                   | 869 ~ 894 MHz                            |
|                     | NR Band n7   | 2500 ~ 2570 MHz                                 | 2620 ~ 2690 MHz                          |
|                     | NR Band n8   | 880 ~ 915 MHz                                   | 925 ~ 960 MHz                            |
|                     | NR Band n20  | 832 ~ 862MHz                                    | 791 ~ 821 MHz                            |
|                     | NR Band n28  | 703 ~ 748 MHz                                   | 758 ~ 803 MHz                            |
|                     | NR Band n38  | 2570 ~ 2620 MHz                                 | 2570 ~ 2620 MHz                          |
|                     | NR Band n40  | 2300 ~ 2400 MHz                                 | 2300 ~ 2400 MHz                          |
|                     | NR Band n41  | 2496 ~ 2690MHz                                  | 2496 ~ 2690MHz                           |
|                     | NR Band n77  | 3300 ~ 4200 MHz                                 | 3300 ~ 4200 MHz                          |
|                     | NR Band n78  | 3300 ~ 3800 MHz                                 | 3300 ~ 3800 MHz                          |
| Type of Modulation: | WCDMA:   | QPSK, 16QAM, 64QAM                              |  |
|                     | LTE:   | QPSK, 16QAM, 64QAM, 256QAM                      |  |
|                     | NR:  | <input checked="" type="checkbox"/> DFT-s-OFDM: | PI/2-BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM |
|                     |  | <input checked="" type="checkbox"/> CP-OFDM:    | QPSK, 16-QAM, 64-QAM, 256-QAM            |
| LTE CA:             | UL CA_3C; UL CA_7C; UL CA_8B; UL CA_38C; UL CA_40C; UL CA_42C; |   |  |

|  | UL CA_1A-3A; UL CA_1A-7A; UL CA_1A-8A; UL CA_1A-20A; UL CA_1A-28A; UL CA_1-42A; UL CA_3A-7A; UL CA_3A-8A; UL CA_3A-20A; UL CA_3A-28A; UL CA_3A-42A; UL CA_7A-20A; UL CA_7A-28A; UL CA_8A-40A; DL CA_20A-32A;                                  |  |
|--|---|--|
| EN-DC:   | DC_1A_n28A, DC_3A_n28A, DC_7A_n28A, DC_20A_n28A <sup>[1]</sup> , DC_3A_n7A, DC_1A_n77A, DC_3A_n77A, DC_8A_n77A, DC_28A_n77A, DC_41A_n77A, DC_1A_n78A, DC_3A_n78A, DC_7A_n78A, DC_8A_n78A, DC_20A_n78A, DC_28A_n78A, DC_38A_n78A, DC_41A_n78A; |  |
| Power Class:   | Class 2:  | LTE Band 41(Non-EU);<br>NR Band n41; NR Band n77; NR Band n78; |
|  | Class 3:  | All Frequency Bands  |
| UL MIMO:   | NR Band n38; NR Band n40; NR Band n41; NR Band n77; NR Band n78;  |  |
| Antenna Type:  | <input type="checkbox"/> External, <input checked="" type="checkbox"/> Integrated   |  |
| Antenna Gain:  | Band  | Ant (dBi)  |
|  | WCDMA Band I  | -0.4   |
|  | WCDMA Band V  | -0.5   |
|  | WCDMA Band VIII   | -2.7   |
|  | LTE Band 1  | -0.4   |
|  | LTE Band 3  | -0.4   |
|  | LTE Band 5  | -0.5   |
|  | LTE Band 7  | 0.0  |
|  | LTE Band 8  | -2.7   |
|  | LTE Band 20   | -1.1   |
|  | LTE Band 28   | -0.5   |
|  | LTE Band 34   | -0.2   |
|  | LTE Band 38   | 0.4  |
|  | LTE Band 40   | -1.1   |
|  | LTE Band 41   | 1.0  |
|  | LTE Band 42   | 1.2  |
|  | NR Band n1  | -0.4   |
|  | NR Band n3  | -0.4   |
|  | NR Band n5  | -0.5   |
|  | NR Band n7  | 0.0  |
|  | NR Band n8  | -2.7   |
|  | NR Band n20   | -1.1   |
|  | NR Band n28   | -0.5   |
|  | NR Band n38   | 0.4  |
|  | NR Band n40   | -1.1   |
|  | NR Band n41   | 1.0  |
|  | NR Band n77   | 2.2  |
|  | NR Band n78   | 2.2  |
| Remark:  |   |  |
| 1. The above EUT's information was declared by applicant, please refer to the specifications or user's manual for more detailed description. |   |  |

2. According to the customer's Letter of model difference, TACH4ROW and TACH8ROW are identical with each other, except for RAM and model number difference.

Note:

[<sup>11</sup>] DC\_20A\_n28A: Referring to Note 8 in Table 5.5B.4.1-1 of ETSI TS 138 521-3, The frequency range in band n28 / 28 is restricted for this band combination to 703 - 733 MHz for the UL and 758-788 MHz for the DL.

## 2 Test Configuration

### 2.1 Standards Specification

| No. | Reference Standards       | Standards Title  |
|-----|---------------------------|--|
| 1   | ETSI EN 301 908-1 V15.2.1 | IMT cellular networks;<br>Harmonised Standard for access to radio spectrum;<br>Part 1: Introduction and common requirements; |

### 2.2 Test Environment

|                   |                    |            |
|-------------------|--------------------|------------|
| Relative Humidity | 45-56 % RH Ambient |            |
| Condition         | Temperature(°C)    | Voltage(V) |
| NTNV              | 25                 | 4.00       |

Remark:

NTNV: Normal Temperature Normal Voltage.

### 2.3 Support Unit used in test

The EUT has been tested as an independent unit.

### 2.4 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.

### 2.5 Modifications

No modifications were made during testing.

## 2.6 Test Band

| Technical | Band            | Radiated emissions<br>(UE) |
|-----------|-----------------|----------------------------|
| WCDMA     | WCDMA Band I    | ✓                          |
|           | WCDMA Band V    | ✓                          |
|           | WCDMA Band VIII | ✓                          |
| LTE       | LTE Band 1      | ✓                          |
|           | LTE Band 3      | ✓                          |
|           | LTE Band 5      | ✓                          |
|           | LTE Band 7      | ✓                          |
|           | LTE Band 8      | ✓                          |
|           | LTE Band 20     | ✓                          |
|           | LTE Band 28     | ✓                          |
|           | LTE Band 34     | ✓                          |
|           | LTE Band 38     | ✓                          |
|           | LTE Band 40     | ✓                          |
|           | LTE Band 41     | ✓                          |
|           | LTE Band 42     | ✓                          |
| NR        | NR Band n1      | ✓                          |
|           | NR Band n3      | ✓                          |
|           | NR Band n5      | ✓                          |
|           | NR Band n7      | ✓                          |
|           | NR Band n8      | ✓                          |
|           | NR Band n20     | ✓                          |
|           | NR Band n28     | ✓                          |
|           | NR Band n38     | ✓                          |
|           | NR Band n40     | ✓                          |
|           | NR Band n41     | ✓                          |
|           | NR Band n77     | ✓                          |
|           | NR Band n78     | ✓                          |

### 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 to recognized national standards.

#### 3.1 Test Equipment List

| Radiated Emission                     |              |             |                |            |            |
|---------------------------------------|--------------|-------------|----------------|------------|------------|
| Description                           | Manufacturer | Model       | S.N.           | Last Due   | Cal Due    |
| Biconic Logarithmic Periodic Antennas | Schwarzbeck  | VULB9163    | 1461           | 2023/06/25 | 2026/06/24 |
| Double-Ridged Horn Antennas           | Schwarzbeck  | BBHA 9120D  | 2814           | 2023/06/25 | 2026/06/24 |
| Broad-Band Horn Antenna               | Schwarzbeck  | BBHA 9170   | 1291           | 2023/06/25 | 2026/06/24 |
| Signal Analyzer                       | Keysight     | N9020A      | US46470366     | 2025/03/11 | 2026/03/10 |
| Radio Communication Analyzer          | Anritsu      | MT8821C     | 6262170463     | 2025/03/14 | 2026/03/13 |
| Wideband Radio Communication Tester   | R&S          | CMW500      | 150645         | 2025/03/11 | 2026/03/10 |
| Low Noise Amplifier                   | Tonscend     | TAP9K3G40   | AP23A8060274   | 2025/03/11 | 2027/03/10 |
| Low Noise Amplifier                   | Tonscend     | TAP01018050 | AP23A8060268   | 2025/03/11 | 2027/03/10 |
| Low Noise Amplifier                   | Tonscend     | TAP18040048 | AP22G806249    | 2025/03/11 | 2027/03/10 |
| Band Reject Filter Group              | Tonscend     | JS0806-F    | 23A806F0654    | 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> |
|----------------------------|------------------|
| Radiation 30MHz~1GHz(FAR)  | 4.48dB           |
| Radiation 1GHz~18GHz(FAR)  | 5.30dB           |
| Radiation 18GHz~40GHz(FAR) | 5.26dB           |

Uncertainty figures are valid to a confidence level of 95%

## 4 Test Results

### 4.1 Radiated emissions

|                   |                                |
|-------------------|--------------------------------|
| Test Requirement: | ETSI EN 301 908-1 Clause 4.2.2 |
| Test Method:      | ETSI EN 301 908-1 Clause 5.3.1 |

Limit:

Table 4.2.2.2-1: Radiated spurious emissions requirements (UE)

| Frequency   | Minimum requirement (e.r.p.)/ reference bandwidth idle mode | Minimum requirement (e.r.p.)/ reference bandwidth traffic mode | Applicability  |
|---|---|--|--|
| 30 MHz $\leq f < 1\,000$ MHz  | -57 dBm/100 kHz   | -36 dBm/100 kHz  | All  |
| 1 GHz $\leq f < 12,75$ GHz  | -47 dBm/1 MHz   | -30 dBm/1 MHz  | All  |
| 12,75 GHz $\leq f <$ 5 <sup>th</sup> harmonic of the upper frequency edge of the Uplink operating band in GHz | -47 dBm/1 MHz   | -30 dBm/1 MHz  | All (note 3)   |
| 12,75 GHz $< f < 26$ GHz  | -47 dBm/1 MHz   | -30 dBm/1 MHz  | All (note 4)   |
| fc - 2,5 × 5 MHz $< f < fc + 2,5 \times 5$ MHz (note 1 and note 2)  | Not defined   | Not defined  | UTRA FDD, UTRA TDD, 3,84 Mcps option, cdma2000, spreading rate 3 |
| fc - 2,5 × BW <sub>Channel</sub> MHz $< f < fc + 2,5 \times BW_{Channel}$ MHz (note 1 and note 2)             | Not defined   | Not defined  | E-UTRA FDD, E-UTRA TDD, Mobile WiMAX™                            |
| fc - (1,5 × BW <sub>Channel</sub> + 5) MHz $< f < fc + (1,5 \times BW_{Channel} + 5)$ MHz (note 1)            | Not defined   | Not defined  | NR operating in FR1  |
| fc - 2,5 × 10 MHz $< f < fc + 2,5 \times 10$ MHz (note 1 and note 2)  | Not defined   | Not defined  | UTRA TDD, 7,68 Mcps option                                       |
| fc - 4 MHz $< f < fc + 4$ MHz (note 1 and note 2)   | Not defined   | Not defined  | UTRA TDD, 1,28 Mcps option cdma2000, spreading rate 1            |

NOTE 1: fc is the UE transmit centre frequency.

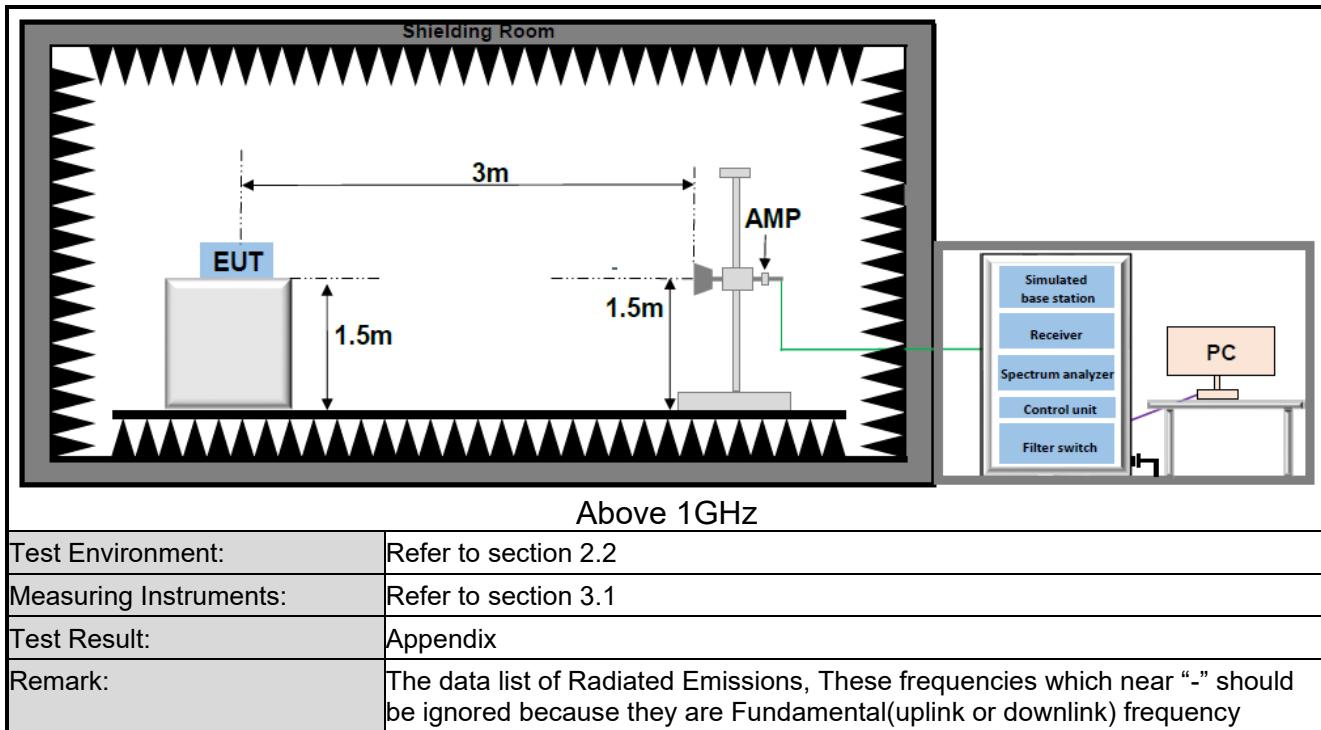
NOTE 2: This frequency range is not in the spurious domain, no requirement is then defined for this frequency range.

NOTE 3: Applies for Band that the upper frequency edge of the Uplink Band more than 2,69 GHz.

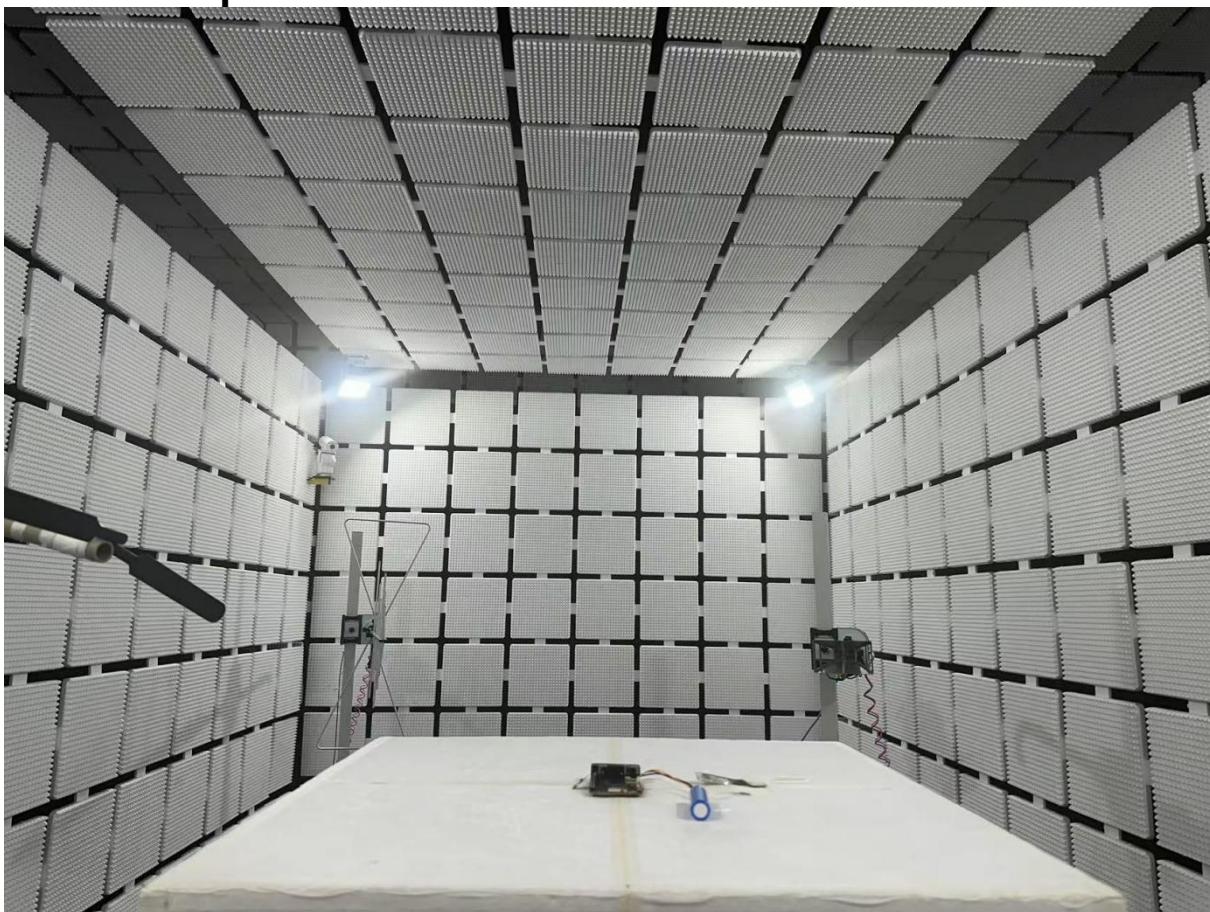
NOTE 4: Applies for Band that the upper frequency edge of the Uplink Band more than 5,2 GHz.

|                 |  |
|-----------------|--|
| Test Procedure: | <p>This clause defines the configurations for emission tests as follows:</p> <ul style="list-style-type: none"> <li>• the equipment shall be tested under normal test conditions</li> <li>• the test configuration shall be as close to normal intended use as possible</li> <li>• if the equipment is part of a system, or can be connected to ancillary equipment, then it shall be acceptable to test the equipment while connected to the minimum configuration of ancillary equipment necessary to exercise the ports</li> <li>• if the equipment has a large number of ports, then a sufficient number shall be selected to simulate actual operation conditions and to ensure that all the different types of termination are tested</li> <li>• the test conditions, test configuration and mode of operation shall be recorded in the test report</li> <li>• ports which in normal operation are connected shall be connected to an ancillary equipment or to a representative piece of cable correctly terminated to simulate the input/output characteristics of the ancillary equipment, RF input/output ports shall be correctly terminated.</li> <li>• ports that are not connected to cables during normal operation, e.g. service connectors, programming connectors; temporary connectors, etc. shall not be connected to any cables for the purpose of this test. Where cables have to be connected to these ports, or interconnecting cables have to be</li> </ul> |
|-----------------|--|

|               |  |
|---------------|--|
|               | <p>extended in length in order to exercise the EUT, precautions shall be taken to ensure that the evaluation of the EUT is not affected by the addition or extension of these cables:</p> <ul style="list-style-type: none"> <li>- emission tests shall be performed in two modes of operation:           <ol style="list-style-type: none"> <li>1)with a communication link established (traffic mode); and</li> <li>2)in the idle mode;</li> </ol> </li> <li>• the traffic mode configuration which uses the UE maximum output power for testing shall be declared by the manufacturer.</li> </ul> <p>Ancillary equipment shall be tested with it connected to a UE in which case compliance shall be demonstrated to the appropriate clauses of the present document.</p> <p>The results obtained shall be compared to the limits in clause 4.2.2.2 in order to prove compliance.</p> |
| Test Setting: | <ol style="list-style-type: none"> <li>1. The test distance between the receiving antenna and the EUT is 4.6m below 1GHz frequency range, and 3m which is in far field test condition for measured frequency above 1GHz, while the receiving (test) antenna scanning 1.5m height.</li> <li>2. The EUT was placed on a turntable with 1.5m height (FAR).</li> <li>3. Set EUT in continuous transmitting with maximum output power.</li> <li>4. The table was rotated from 0 to 360 degree to search the highest radiated emission.</li> <li>5. Repeat above step for each polarization and channel to find the worst emission level.</li> <li>6. The results obtained are compared to the limits in order to prove compliance with the requirement.</li> </ol>  |
| Test Notes:   | <ol style="list-style-type: none"> <li>1. All modes of operation were investigated, and the worst-case emissions are reported.</li> <li>2. Radiated emissions were measured from 30MHz – 5<sup>th</sup> Harmonic to ensure that the provisions of ETSI EN 301908-1 are satisfied with respect to the upper frequency scanning range. No Spurious emissions were detected above 18GHz.</li> </ol>   |
| Test Setup:   | <p>The diagram illustrates the test setup within a 'Shielding Room'. The EUT is placed on a turntable at a height of 1.5m. The receiving antenna is positioned 4.6m away from the EUT. The signal path from the antenna passes through an 'AMP' and a 'Filter switch' before reaching a 'PC'. The PC is connected to a 'Simulated base station', 'Receiver', 'Spectrum analyzer', 'Control unit', and 'Filter switch'. The entire setup is located 'Below 1GHz'.</p>   |



## 5 Test Setup Photos



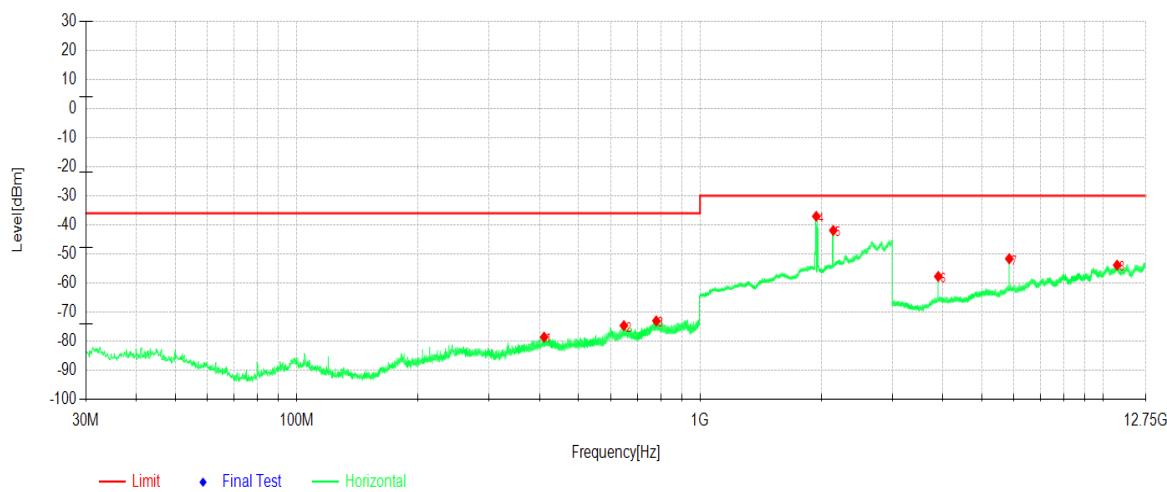
# Appendix

## Radiated Emissions Traffic mode

### Test Results WCDMA

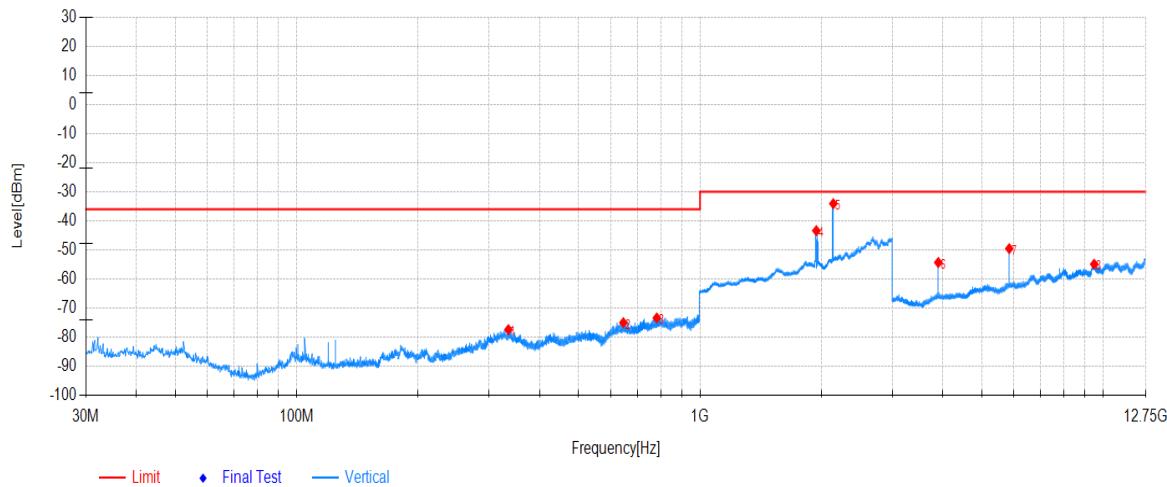
| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | WCDMA           | Band:     | I            |
| Bandwidth:          | -               | Channel:  | 9750         |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

### Test Graph



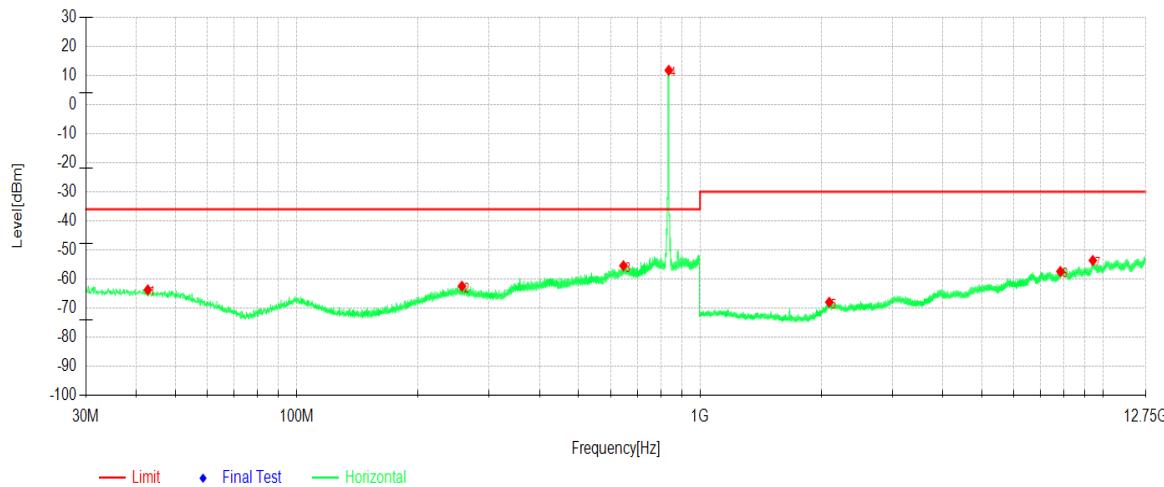
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 410.57      | -71.21        | -78.65      | -36.00      | 42.65       | -7.44       | Horizontal |
| 2         | 647.37      | -72.31        | -74.69      | -36.00      | 38.69       | -2.38       | Horizontal |
| 3         | 779.01      | -73.45        | -73.06      | -36.00      | 37.06       | 0.39        | Horizontal |
| 4         | 1941.89     | -46.96        | -37.06      | -           | -           | 9.90        | Horizontal |
| 5         | 2140.11     | -53.00        | -41.94      | -           | -           | 11.06       | Horizontal |
| 6         | 3898.02     | -57.01        | -57.75      | -30.00      | 27.75       | -0.74       | Horizontal |
| 7         | 5847.14     | -56.93        | -51.67      | -30.00      | 21.67       | 5.26        | Horizontal |
| 8         | 10823.30    | -68.67        | -53.87      | -30.00      | 23.87       | 14.80       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | WCDMA           | Band:     | I            |
| Bandwidth:          | -               | Channel:  | 9750         |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

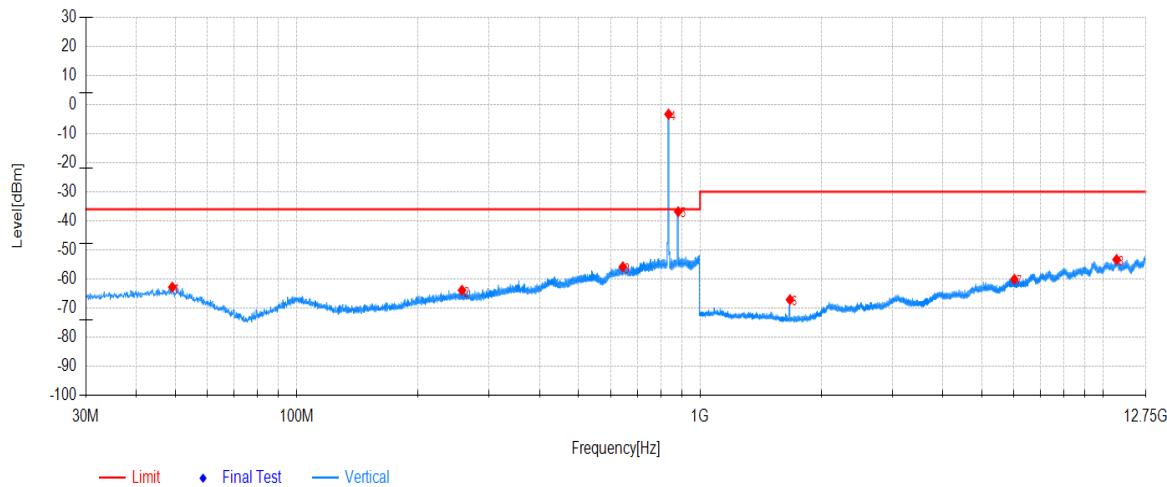
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 334.80      | -67.67        | -77.43      | -36.00      | 41.43       | -9.76       | Vertical |
| 2         | 645.53      | -72.51        | -75.05      | -36.00      | 39.05       | -2.54       | Vertical |
| 3         | 781.24      | -73.14        | -73.41      | -36.00      | 37.41       | -0.27       | Vertical |
| 4         | 1942.49     | -53.30        | -43.39      | -           | -           | 9.91        | Vertical |
| 5         | 2140.71     | -45.83        | -34.10      | -           | -           | 11.73       | Vertical |
| 6         | 3898.02     | -53.50        | -54.33      | -30.00      | 24.33       | -0.83       | Vertical |
| 7         | 5847.14     | -54.60        | -49.57      | -30.00      | 19.57       | 5.03        | Vertical |
| 8         | 9494.31     | -68.55        | -54.93      | -30.00      | 24.93       | 13.62       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | WCDMA           | Band:     | V            |
| Bandwidth:          | -               | Channel:  | 4182         |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

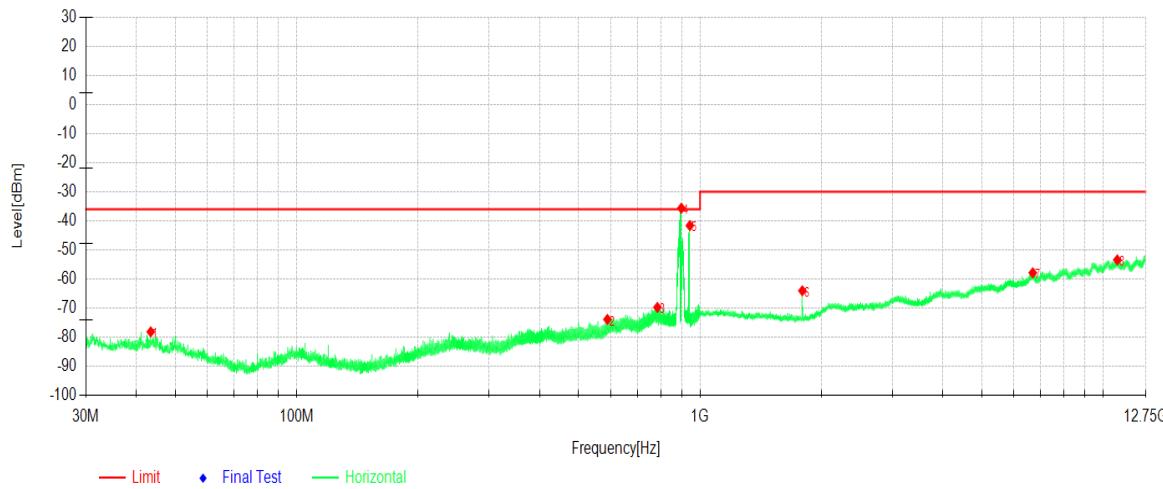
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 42.71       | -72.09        | -63.76      | -36.00      | 27.76       | 8.33        | Horizontal |
| 2         | 256.71      | -71.82        | -62.49      | -36.00      | 26.49       | 9.33        | Horizontal |
| 3         | 645.72      | -72.35        | -55.45      | -36.00      | 19.45       | 16.90       | Horizontal |
| 4         | 836.73      | -6.93         | 11.80       | -           | -           | 18.73       | Horizontal |
| 5         | 2092.00     | -60.81        | -68.01      | -30.00      | 38.01       | -7.20       | Horizontal |
| 6         | 7829.72     | -67.68        | -57.45      | -30.00      | 27.45       | 10.23       | Horizontal |
| 7         | 9422.29     | -67.02        | -53.63      | -30.00      | 23.63       | 13.39       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | WCDMA           | Band:     | V            |
| Bandwidth:          | -               | Channel:  | 4182         |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

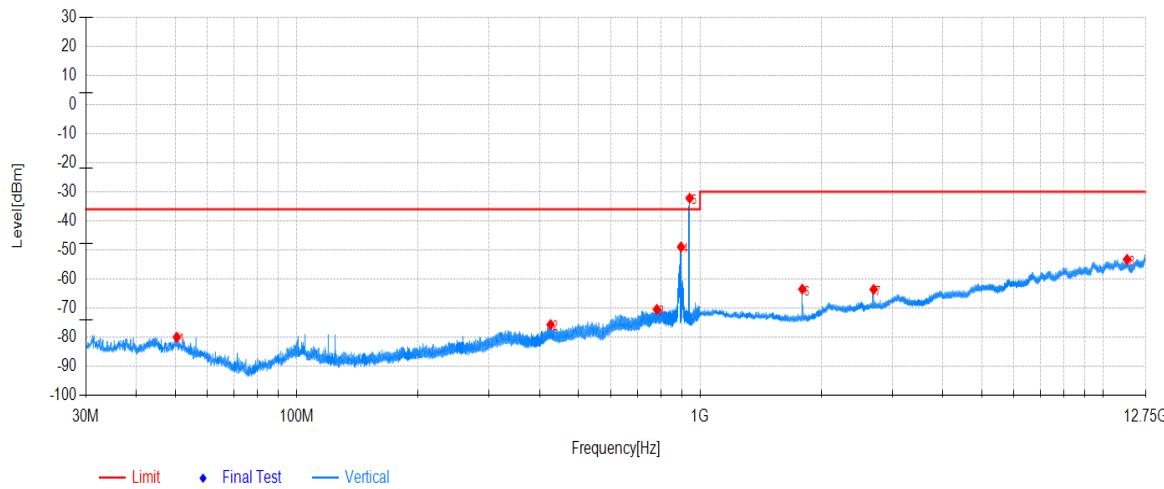
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 49.11       | -71.51        | -62.82      | -36.00      | 26.82       | 8.69        | Vertical |
| 2         | 256.81      | -71.55        | -63.90      | -36.00      | 27.90       | 7.65        | Vertical |
| 3         | 643.49      | -72.66        | -55.83      | -36.00      | 19.83       | 16.83       | Vertical |
| 4         | 835.37      | -22.25        | -3.31       | -           | -           | 18.94       | Vertical |
| 5         | 882.91      | -56.59        | -36.83      | -           | -           | 19.76       | Vertical |
| 6         | 1671.34     | -54.97        | -67.14      | -30.00      | 37.14       | -12.17      | Vertical |
| 7         | 6019.38     | -65.49        | -60.15      | -30.00      | 30.15       | 5.34        | Vertical |
| 8         | 10791.60    | -68.12        | -53.31      | -30.00      | 23.31       | 14.81       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | WCDMA           | Band:     | VIII         |
| Bandwidth:          | -               | Channel:  | 2788         |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 43.42       | -66.64        | -78.21      | -36.00      | 42.21       | -11.57      | Horizontal |
| 2         | 589.35      | -69.55        | -73.92      | -36.00      | 37.92       | -4.37       | Horizontal |
| 3         | 783.94      | -70.19        | -69.79      | -36.00      | 33.79       | 0.40        | Horizontal |
| 4         | 898.86      | -35.75        | -35.65      | -           | -           | 0.10        | Horizontal |
| 5         | 943.54      | -41.49        | -41.64      | -           | -           | -0.15       | Horizontal |
| 6         | 1793.54     | -52.22        | -64.07      | -30.00      | 34.07       | -11.85      | Horizontal |
| 7         | 6686.41     | -66.76        | -57.89      | -30.00      | 27.89       | 8.87        | Horizontal |
| 8         | 10835.86    | -68.19        | -53.45      | -30.00      | 23.45       | 14.74       | Horizontal |

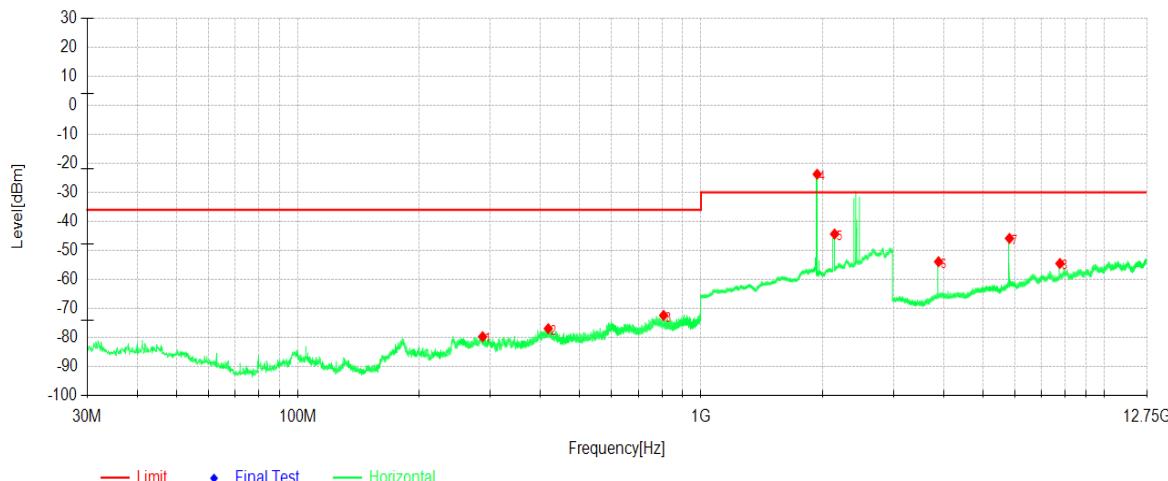
| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | WCDMA           | Band:     | VIII         |
| Bandwidth:          | -               | Channel:  | 2788         |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 50.40       | -68.84        | -80.04      | -36.00      | 44.04       | -11.20      | Vertical |
| 2         | 425.97      | -68.47        | -75.72      | -36.00      | 39.72       | -7.25       | Vertical |
| 3         | 781.58      | -70.38        | -70.47      | -36.00      | 34.47       | -0.09       | Vertical |
| 4         | 897.34      | -48.89        | -48.98      | -           | -           | -0.09       | Vertical |
| 5         | 942.28      | -31.92        | -32.22      | -           | -           | -0.30       | Vertical |
| 6         | 1793.54     | -51.58        | -63.52      | -30.00      | 33.52       | -11.94      | Vertical |
| 7         | 2695.58     | -57.41        | -63.60      | -30.00      | 33.60       | -6.19       | Vertical |
| 8         | 11457.46    | -67.79        | -53.27      | -30.00      | 23.27       | 14.52       | Vertical |

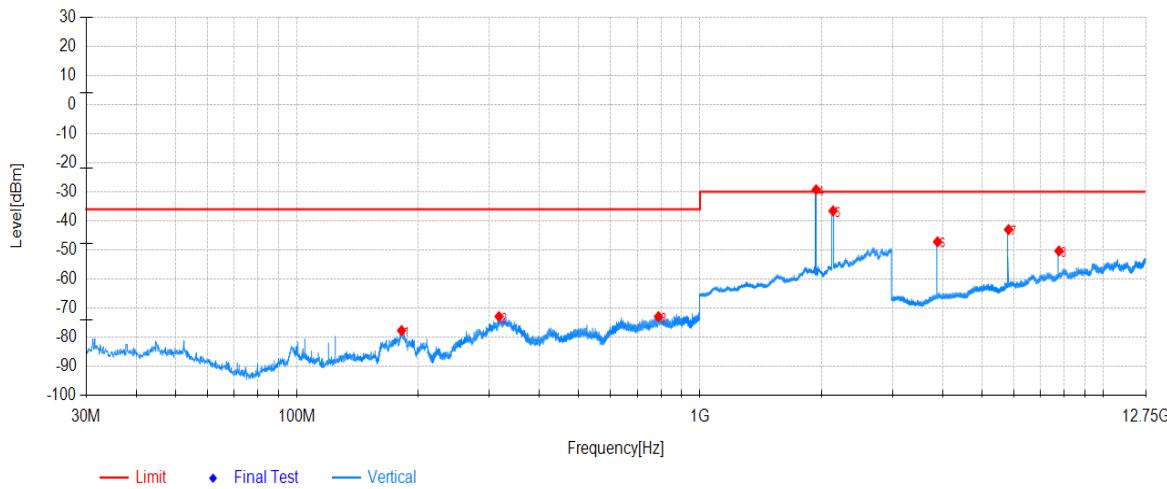
**Test Results LTE**

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B1           |
| Bandwidth:          | 20MHz           | Channel:  | 18300        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

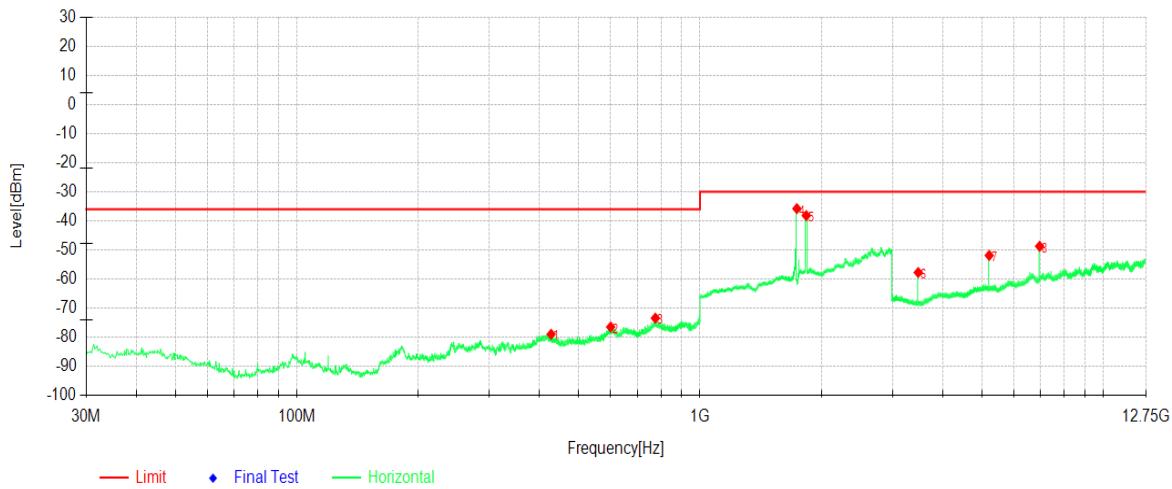
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 287.27      | -68.70        | -79.75      | -36.00      | 43.75       | -11.05      | Horizontal |
| 2         | 417.94      | -69.61        | -76.98      | -36.00      | 40.98       | -7.37       | Horizontal |
| 3         | 807.73      | -72.05        | -72.43      | -36.00      | 36.43       | -0.38       | Horizontal |
| 4         | 1941.09     | -33.93        | -23.74      | -           | -           | 10.19       | Horizontal |
| 5         | 2144.11     | -55.46        | -44.37      | -           | -           | 11.09       | Horizontal |
| 6         | 3881.93     | -53.01        | -53.89      | -30.00      | 23.89       | -0.88       | Horizontal |
| 7         | 5823.25     | -51.03        | -45.87      | -30.00      | 15.87       | 5.16        | Horizontal |
| 8         | 7764.58     | -64.49        | -54.51      | -30.00      | 24.51       | 9.98        | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B1           |
| Bandwidth:          | 20MHz           | Channel:  | 18300        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

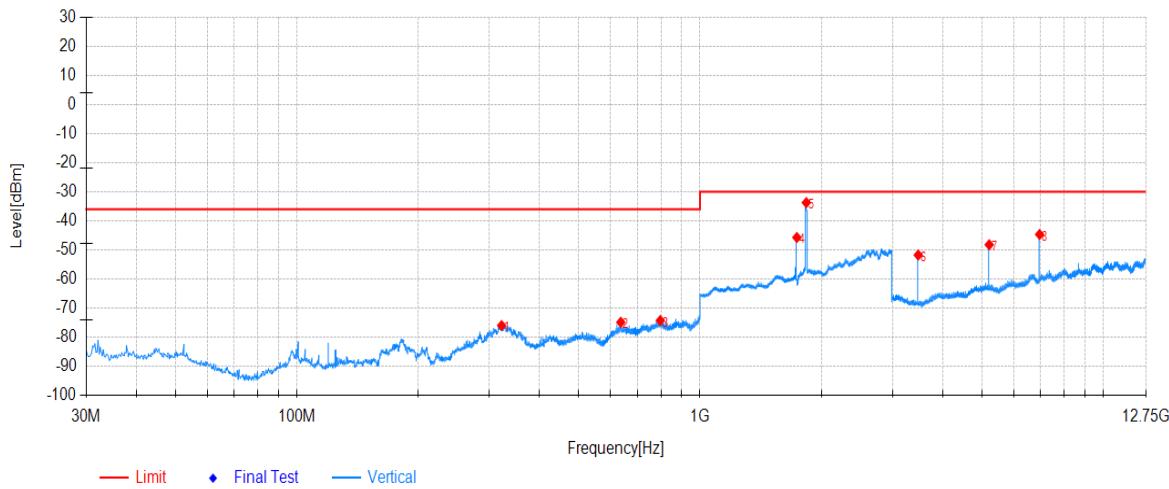
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 181.82      | -62.27        | -77.78      | -36.00      | 41.78       | -15.51      | Vertical |
| 2         | 317.34      | -62.22        | -72.94      | -36.00      | 36.94       | -10.72      | Vertical |
| 3         | 788.91      | -72.86        | -72.96      | -36.00      | 36.96       | -0.10       | Vertical |
| 4         | 1941.09     | -39.47        | -29.28      | -           | -           | 10.19       | Vertical |
| 5         | 2136.91     | -48.15        | -36.57      | -           | -           | 11.58       | Vertical |
| 6         | 3881.93     | -46.19        | -47.21      | -30.00      | 17.21       | -1.02       | Vertical |
| 7         | 5823.25     | -47.98        | -43.01      | -30.00      | 13.01       | 4.97        | Vertical |
| 8         | 7764.58     | -60.50        | -50.34      | -30.00      | 20.34       | 10.16       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B3           |
| Bandwidth:          | 20MHz           | Channel:  | 19575        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

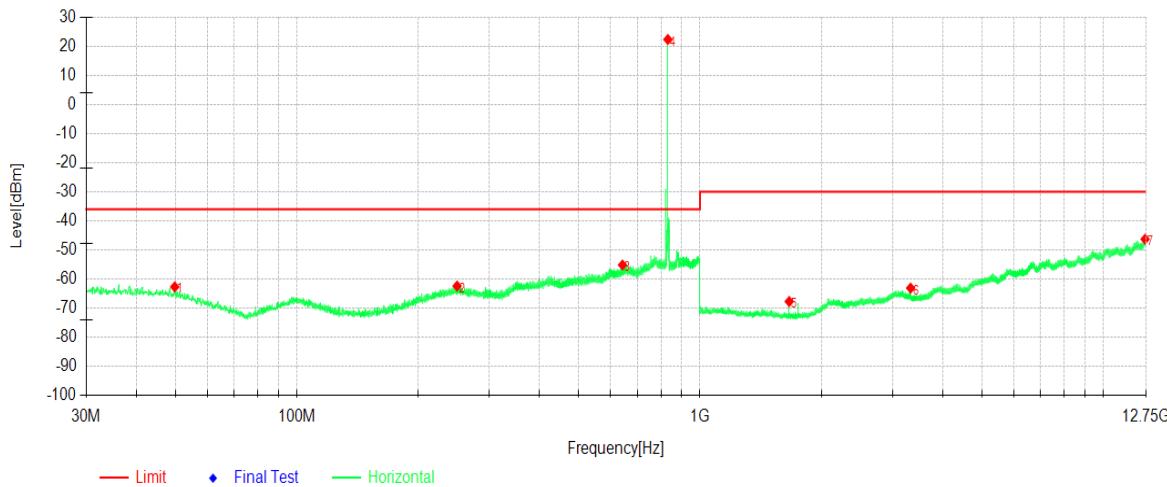
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 427.20      | -71.70        | -79.04      | -36.00      | 43.04       | -7.34       | Horizontal |
| 2         | 600.28      | -72.98        | -76.53      | -36.00      | 40.53       | -3.55       | Horizontal |
| 3         | 774.72      | -73.98        | -73.48      | -36.00      | 37.48       | 0.50        | Horizontal |
| 4         | 1738.60     | -44.37        | -35.80      | -           | -           | 8.57        | Horizontal |
| 5         | 1834.80     | -48.80        | -38.20      | -           | -           | 10.60       | Horizontal |
| 6         | 3476.80     | -53.95        | -57.76      | -30.00      | 27.76       | -3.81       | Horizontal |
| 7         | 5215.80     | -54.87        | -51.92      | -30.00      | 21.92       | 2.95        | Horizontal |
| 8         | 6954.31     | -56.51        | -48.77      | -30.00      | 18.77       | 7.74        | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B3           |
| Bandwidth:          | 20MHz           | Channel:  | 19575        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

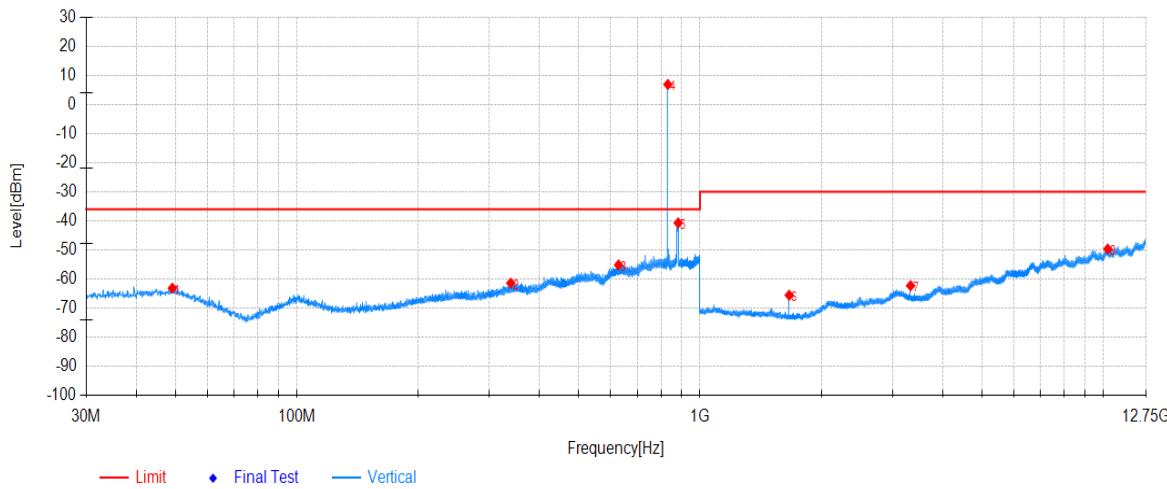
| Data List |                |                  |                |                |                |                |          |
|-----------|----------------|------------------|----------------|----------------|----------------|----------------|----------|
| NO.       | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Factor<br>[dB] | Polarity |
| 1         | 322.03         | -65.59           | -76.03         | -36.00         | 40.03          | -10.44         | Vertical |
| 2         | 635.98         | -72.14           | -74.90         | -36.00         | 38.90          | -2.76          | Vertical |
| 3         | 797.04         | -74.38           | -74.30         | -36.00         | 38.30          | 0.08           | Vertical |
| 4         | 1738.60        | -54.17           | -45.73         | -              | -              | 8.44           | Vertical |
| 5         | 1835.00        | -44.85           | -33.73         | -              | -              | 11.12          | Vertical |
| 6         | 3477.29        | -47.87           | -51.77         | -30.00         | 21.77          | -3.90          | Vertical |
| 7         | 5215.80        | -51.27           | -48.24         | -30.00         | 18.24          | 3.03           | Vertical |
| 8         | 6954.31        | -52.22           | -44.70         | -30.00         | 14.70          | 7.52           | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B5           |
| Bandwidth:          | 10MHz           | Channel:  | 20525        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

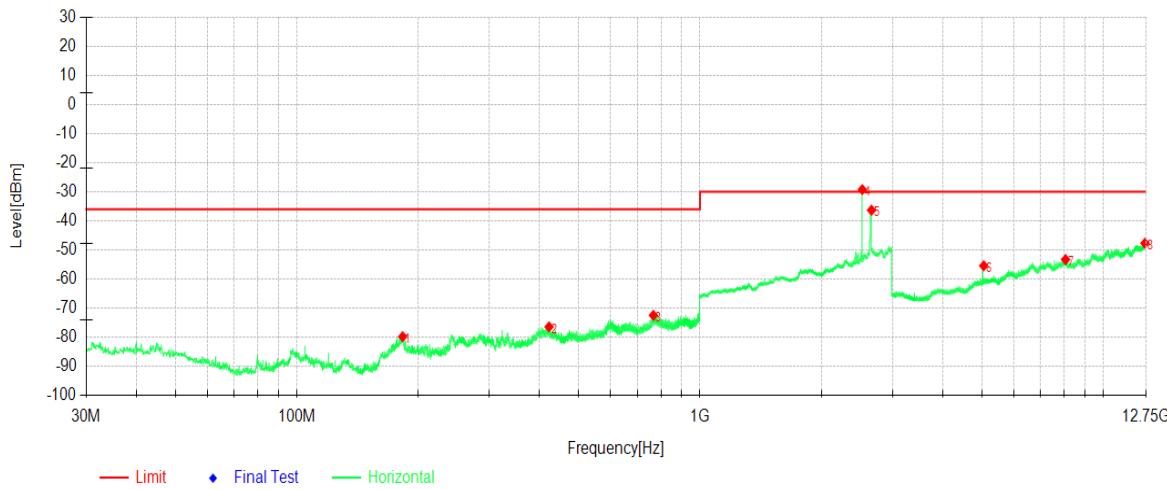
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 49.79       | -70.72        | -62.74      | -36.00      | 26.74       | 7.98        | Horizontal |
| 2         | 249.73      | -71.95        | -62.43      | -36.00      | 26.43       | 9.52        | Horizontal |
| 3         | 642.23      | -71.85        | -55.19      | -36.00      | 19.19       | 16.66       | Horizontal |
| 4         | 832.08      | 3.60          | 22.42       | -           | -           | 18.82       | Horizontal |
| 5         | 1664.29     | -55.84        | -67.77      | -30.00      | 37.77       | -11.93      | Horizontal |
| 6         | 3328.93     | -59.07        | -63.16      | -30.00      | 33.16       | -4.09       | Horizontal |
| 7         | 12705.35    | -63.03        | -46.31      | -30.00      | 16.31       | 16.72       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B5           |
| Bandwidth:          | 10MHz           | Channel:  | 20525        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

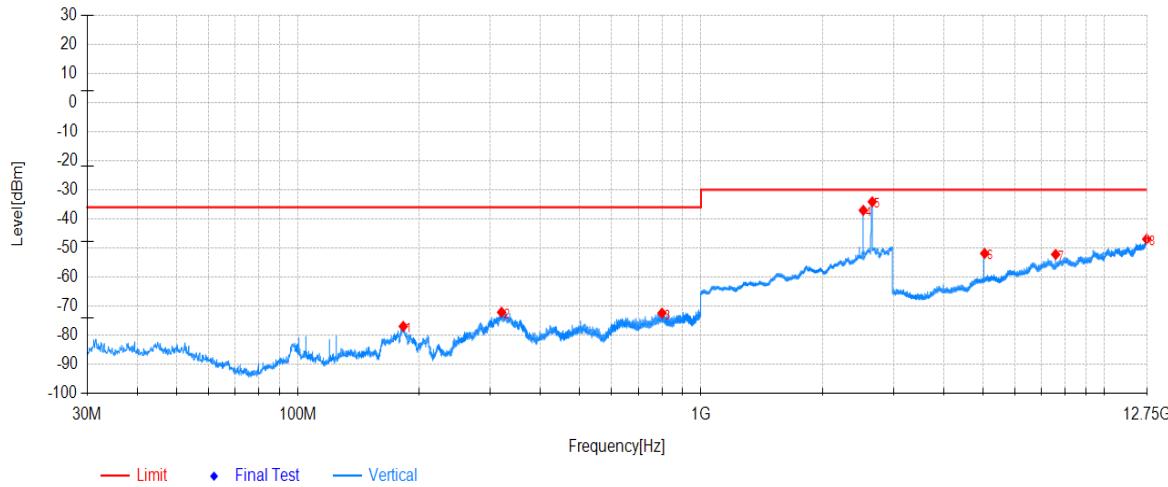
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 49.11       | -71.87        | -63.18      | -36.00      | 27.18       | 8.69        | Vertical |
| 2         | 339.27      | -71.65        | -61.44      | -36.00      | 25.44       | 10.21       | Vertical |
| 3         | 627.87      | -71.77        | -55.19      | -36.00      | 19.19       | 16.58       | Vertical |
| 4         | 832.08      | -12.09        | 6.93        | -           | -           | 19.02       | Vertical |
| 5         | 882.62      | -60.48        | -40.72      | -           | -           | 19.76       | Vertical |
| 6         | 1664.29     | -53.44        | -65.60      | -30.00      | 35.60       | -12.16      | Vertical |
| 7         | 3328.14     | -58.03        | -62.33      | -30.00      | 32.33       | -4.30       | Vertical |
| 8         | 10264.79    | -63.84        | -49.73      | -30.00      | 19.73       | 14.11       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B7           |
| Bandwidth:          | 20MHz           | Channel:  | 21100        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

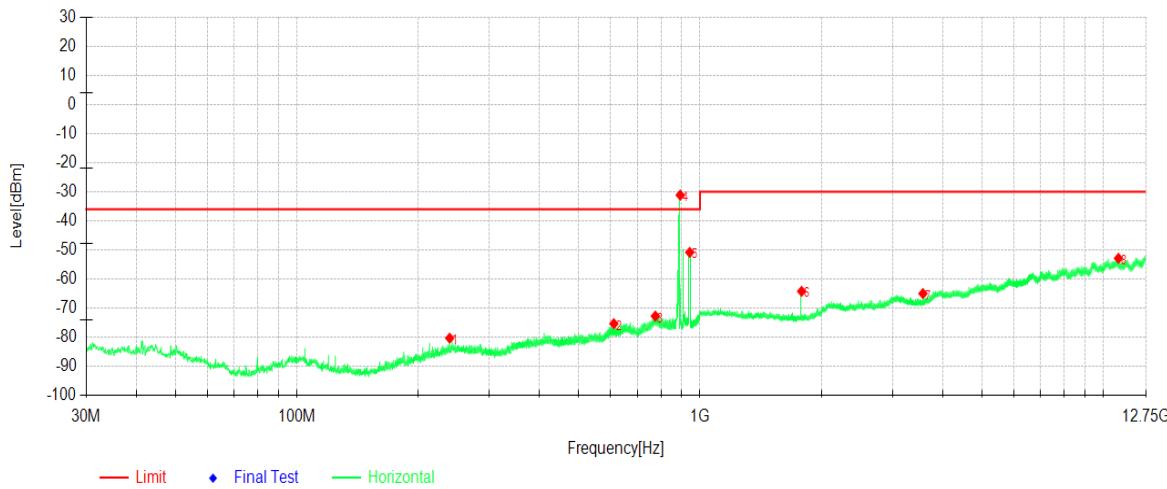
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 182.98      | -63.90        | -79.87      | -36.00      | 43.87       | -15.97      | Horizontal |
| 2         | 422.21      | -69.09        | -76.49      | -36.00      | 40.49       | -7.40       | Horizontal |
| 3         | 766.21      | -72.28        | -72.53      | -36.00      | 36.53       | -0.25       | Horizontal |
| 4         | 2526.15     | -44.39        | -29.24      | -           | -           | 15.15       | Horizontal |
| 5         | 2661.77     | -54.00        | -36.32      | -           | -           | 17.68       | Horizontal |
| 6         | 5052.48     | -58.19        | -55.46      | -30.00      | 25.46       | 2.73        | Horizontal |
| 7         | 8064.40     | -64.18        | -53.32      | -30.00      | 23.32       | 10.86       | Horizontal |
| 8         | 12688.08    | -64.07        | -47.72      | -30.00      | 17.72       | 16.35       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B7           |
| Bandwidth:          | 20MHz           | Channel:  | 21100        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

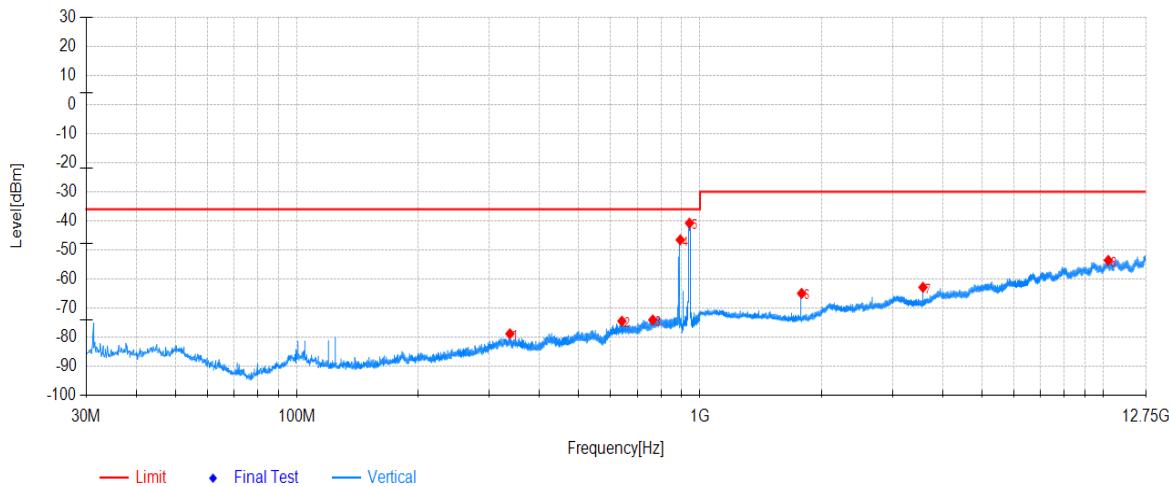
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 182.60      | -61.49        | -77.01      | -36.00      | 41.01       | -15.52      | Vertical |
| 2         | 320.06      | -61.54        | -72.14      | -36.00      | 36.14       | -10.60      | Vertical |
| 3         | 800.26      | -72.52        | -72.45      | -36.00      | 36.45       | 0.07        | Vertical |
| 4         | 2525.95     | -52.66        | -37.08      | -           | -           | 15.58       | Vertical |
| 5         | 2658.97     | -51.11        | -34.14      | -           | -           | 16.97       | Vertical |
| 6         | 5051.99     | -54.77        | -51.91      | -30.00      | 21.91       | 2.86        | Vertical |
| 7         | 7578.34     | -60.87        | -52.25      | -30.00      | 22.25       | 8.62        | Vertical |
| 8         | 12745.12    | -63.76        | -46.98      | -30.00      | 16.98       | 16.78       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B8           |
| Bandwidth:          | 10MHz           | Channel:  | 21625        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

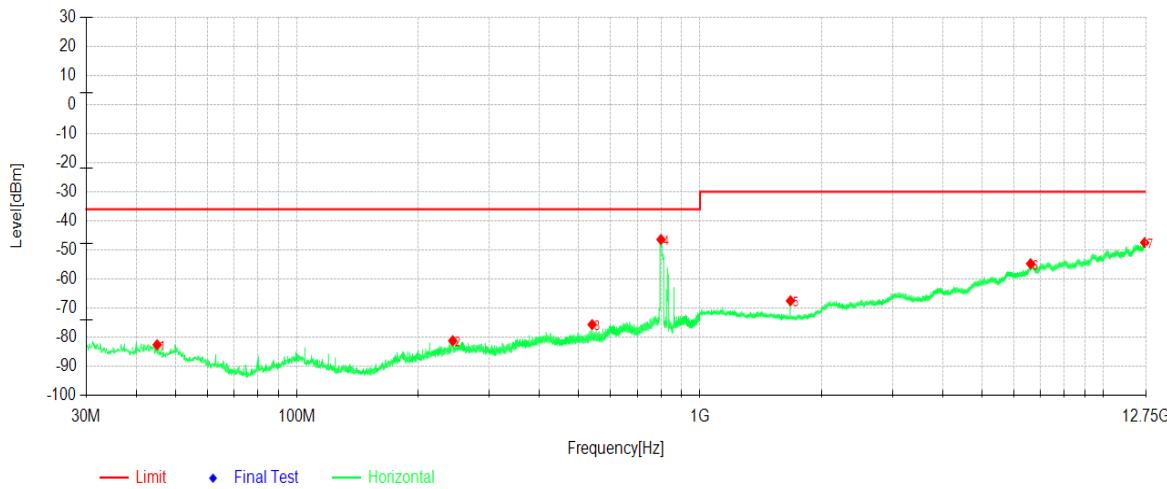
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 239.35      | -69.26        | -80.37      | -36.00      | 44.37       | -11.11      | Horizontal |
| 2         | 611.38      | -71.63        | -75.40      | -36.00      | 39.40       | -3.77       | Horizontal |
| 3         | 774.74      | -73.37        | -72.79      | -36.00      | 36.79       | 0.58        | Horizontal |
| 4         | 893.10      | -31.15        | -31.13      | -           | -           | 0.02        | Horizontal |
| 5         | 942.86      | -50.86        | -50.86      | -           | -           | 0.00        | Horizontal |
| 6         | 1786.10     | -52.38        | -64.24      | -30.00      | 34.24       | -11.86      | Horizontal |
| 7         | 3572.55     | -61.21        | -65.04      | -30.00      | 35.04       | -3.83       | Horizontal |
| 8         | 10909.50    | -67.60        | -52.91      | -30.00      | 22.91       | 14.69       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B8           |
| Bandwidth:          | 10MHz           | Channel:  | 21625        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

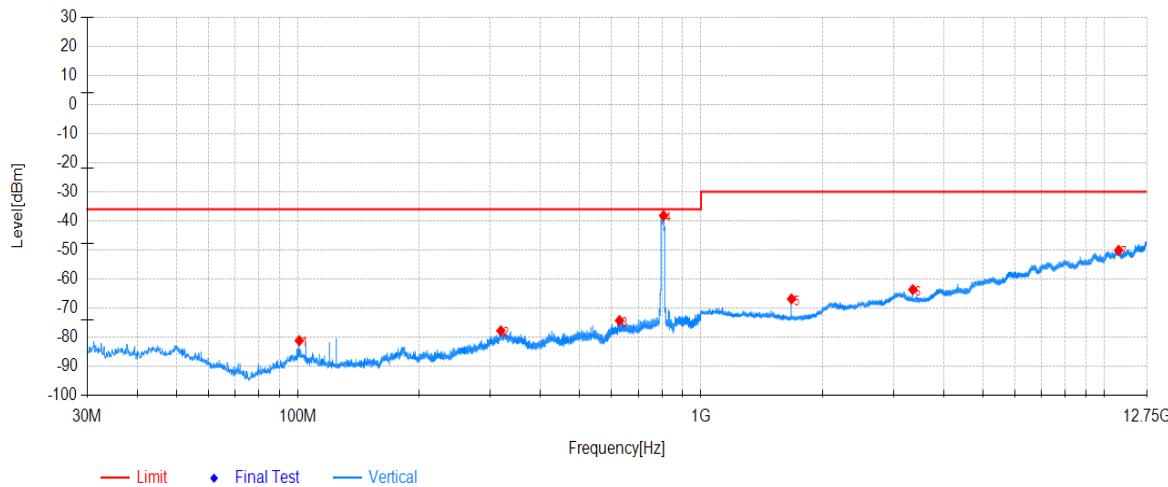
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 337.71      | -69.22        | -78.87      | -36.00      | 42.87       | -9.65       | Vertical |
| 2         | 640.00      | -71.90        | -74.54      | -36.00      | 38.54       | -2.64       | Vertical |
| 3         | 763.49      | -73.19        | -74.10      | -36.00      | 38.10       | -0.91       | Vertical |
| 4         | 893.10      | -46.65        | -46.54      | -           | -           | 0.11        | Vertical |
| 5         | 941.41      | -40.67        | -40.79      | -           | -           | -0.12       | Vertical |
| 6         | 1786.10     | -53.02        | -64.98      | -30.00      | 34.98       | -11.96      | Vertical |
| 7         | 3572.55     | -58.85        | -62.88      | -30.00      | 32.88       | -4.03       | Vertical |
| 8         | 10294.56    | -67.71        | -53.61      | -30.00      | 23.61       | 14.10       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B20          |
| Bandwidth:          | 20MHz           | Channel:  | 24300        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

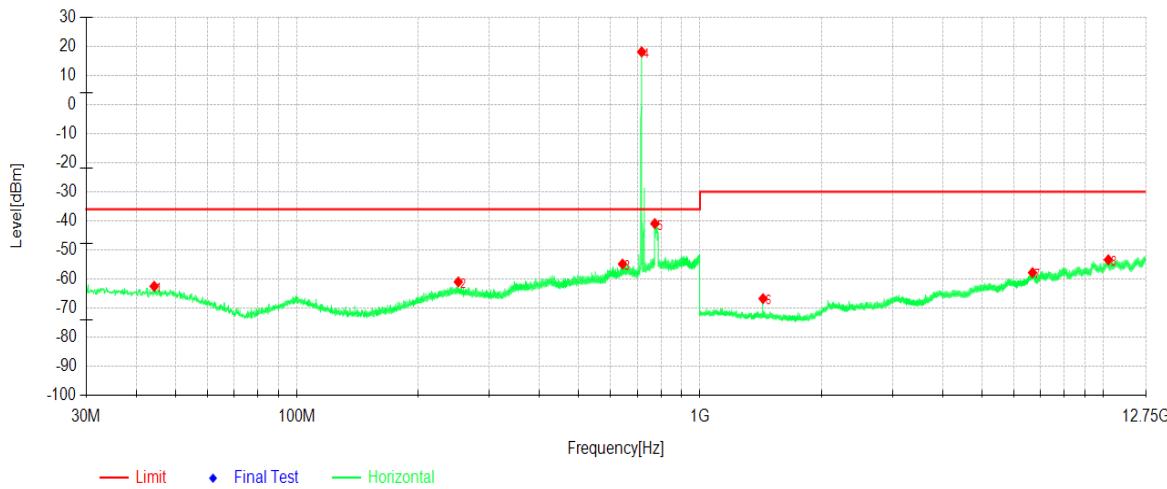
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 45.04       | -71.12        | -82.65      | -36.00      | 46.65       | -11.53      | Horizontal |
| 2         | 243.62      | -70.53        | -81.26      | -36.00      | 45.26       | -10.73      | Horizontal |
| 3         | 539.98      | -70.19        | -75.72      | -36.00      | 39.72       | -5.53       | Horizontal |
| 4         | 800.26      | -46.49        | -46.42      | -           | -           | 0.07        | Horizontal |
| 5         | 1676.25     | -55.57        | -67.52      | -30.00      | 37.52       | -11.95      | Horizontal |
| 6         | 6605.62     | -63.03        | -54.76      | -30.00      | 24.76       | 8.27        | Horizontal |
| 7         | 12677.15    | -64.03        | -47.49      | -30.00      | 17.49       | 16.54       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B20          |
| Bandwidth:          | 20MHz           | Channel:  | 24300        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

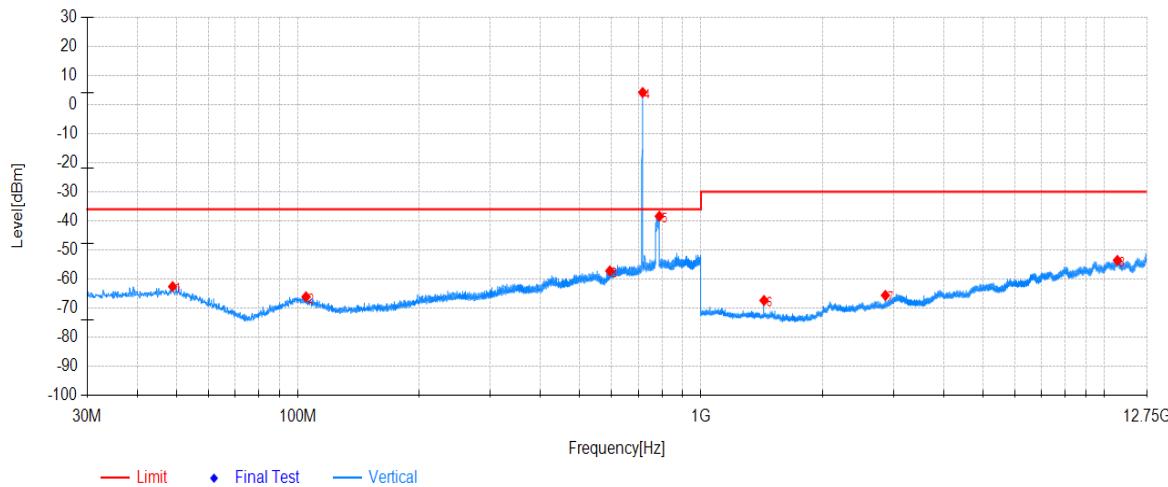
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 100.82      | -67.93        | -81.22      | -36.00      | 45.22       | -13.29      | Vertical |
| 2         | 318.70      | -67.49        | -77.85      | -36.00      | 41.85       | -10.36      | Vertical |
| 3         | 627.48      | -71.75        | -74.32      | -36.00      | 38.32       | -2.57       | Vertical |
| 4         | 807.34      | -38.40        | -38.18      | -           | -           | 0.22        | Vertical |
| 5         | 1676.25     | -54.72        | -66.89      | -30.00      | 36.89       | -12.17      | Vertical |
| 6         | 3352.47     | -59.43        | -63.68      | -30.00      | 33.68       | -4.25       | Vertical |
| 7         | 10862.27    | -64.86        | -50.13      | -30.00      | 20.13       | 14.73       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B28          |
| Bandwidth:          | 20MHz           | Channel:  | 27435        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

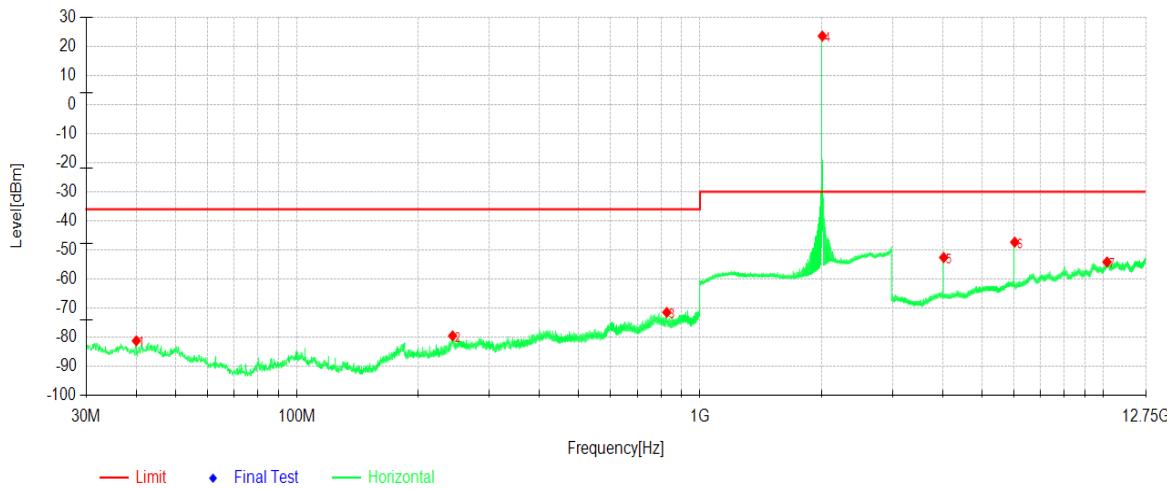
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 44.26       | -70.79        | -62.54      | -36.00      | 26.54       | 8.25        | Horizontal |
| 2         | 251.47      | -70.51        | -61.01      | -36.00      | 25.01       | 9.50        | Horizontal |
| 3         | 642.23      | -71.53        | -54.87      | -36.00      | 18.87       | 16.66       | Horizontal |
| 4         | 716.54      | 1.37          | 18.15       | -           | -           | 16.78       | Horizontal |
| 5         | 772.42      | -60.72        | -40.95      | -           | -           | 19.77       | Horizontal |
| 6         | 1433.20     | -55.54        | -66.78      | -30.00      | 36.78       | -11.24      | Horizontal |
| 7         | 6677.79     | -66.63        | -57.83      | -30.00      | 27.83       | 8.80        | Horizontal |
| 8         | 10297.30    | -67.96        | -53.41      | -30.00      | 23.41       | 14.55       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B28          |
| Bandwidth:          | 20MHz           | Channel:  | 27435        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

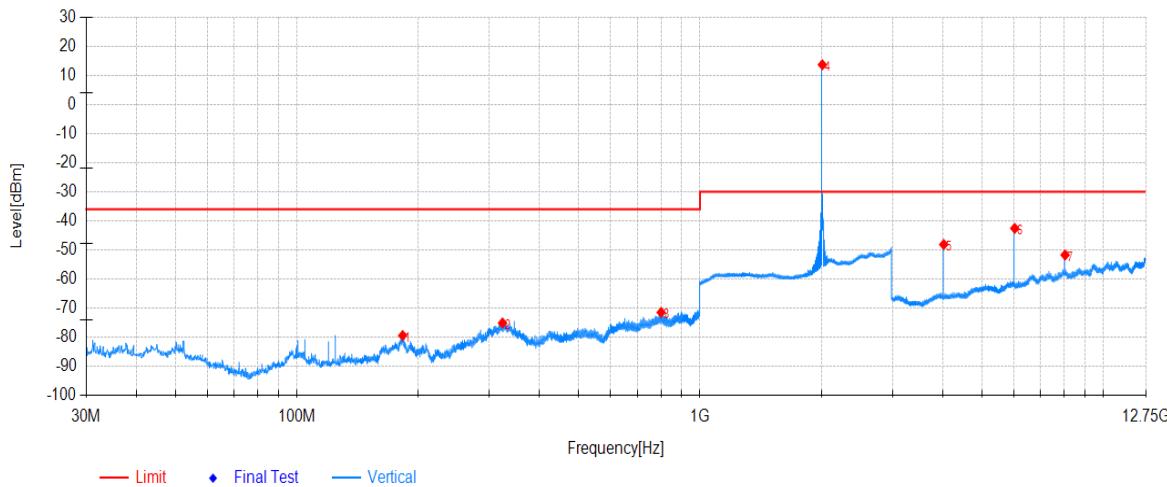
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 48.92       | -71.31        | -62.63      | -36.00      | 26.63       | 8.68        | Vertical |
| 2         | 104.79      | -71.78        | -66.15      | -36.00      | 30.15       | 5.63        | Vertical |
| 3         | 594.21      | -72.38        | -57.24      | -36.00      | 21.24       | 15.14       | Vertical |
| 4         | 716.54      | -13.74        | 4.18        | -           | -           | 17.92       | Vertical |
| 5         | 788.23      | -57.76        | -38.42      | -           | -           | 19.34       | Vertical |
| 6         | 1433.20     | -55.97        | -67.41      | -30.00      | 37.41       | -11.44      | Vertical |
| 7         | 2865.96     | -60.03        | -65.64      | -30.00      | 35.64       | -5.61       | Vertical |
| 8         | 10782.59    | -68.40        | -53.59      | -30.00      | 23.59       | 14.81       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B34          |
| Bandwidth:          | 15MHz           | Channel:  | 36275        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

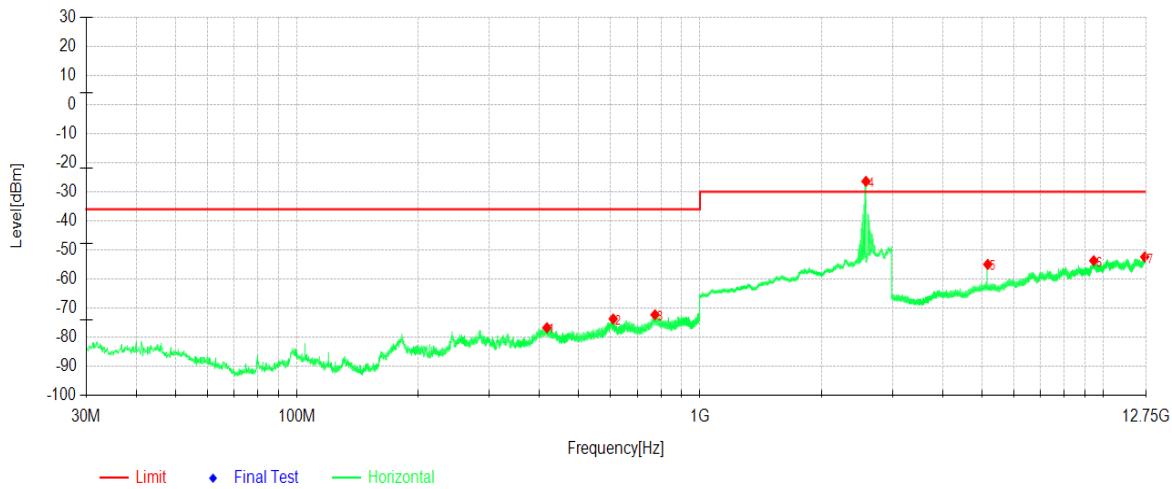
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 39.99       | -69.98        | -81.28      | -36.00      | 45.28       | -11.30      | Horizontal |
| 2         | 243.42      | -69.17        | -79.57      | -36.00      | 43.57       | -10.40      | Horizontal |
| 3         | 827.32      | -71.59        | -71.51      | -36.00      | 35.51       | 0.08        | Horizontal |
| 4         | 2010.90     | 10.91         | 23.59       | -           | -           | 12.68       | Horizontal |
| 5         | 4021.36     | -51.76        | -52.61      | -30.00      | 22.61       | -0.85       | Horizontal |
| 6         | 6032.89     | -52.68        | -47.34      | -30.00      | 17.34       | 5.34        | Horizontal |
| 7         | 10220.24    | -68.51        | -54.16      | -30.00      | 24.16       | 14.35       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B34          |
| Bandwidth:          | 15MHz           | Channel:  | 36275        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

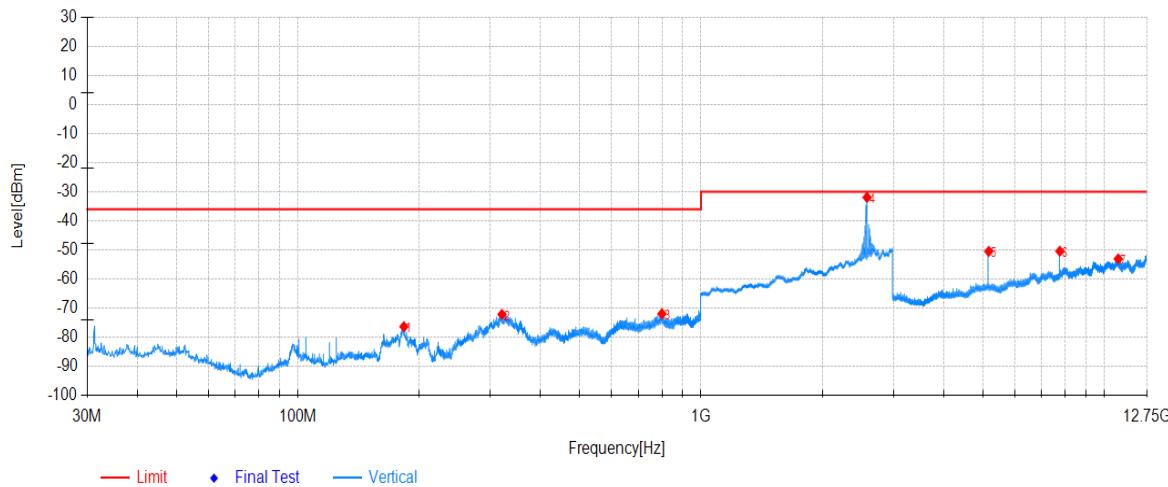
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 182.98      | -64.47        | -79.48      | -36.00      | 43.48       | -15.01      | Vertical |
| 2         | 323.65      | -65.13        | -75.16      | -36.00      | 39.16       | -10.03      | Vertical |
| 3         | 800.94      | -72.33        | -71.53      | -36.00      | 35.53       | 0.80        | Vertical |
| 4         | 2010.90     | 1.17          | 13.72       | -           | -           | 12.55       | Vertical |
| 5         | 4021.85     | -46.93        | -48.14      | -30.00      | 18.14       | -1.21       | Vertical |
| 6         | 6032.89     | -47.95        | -42.59      | -30.00      | 12.59       | 5.36        | Vertical |
| 7         | 8043.44     | -62.85        | -51.74      | -30.00      | 21.74       | 11.11       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B38          |
| Bandwidth:          | 20MHz           | Channel:  | 38000        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

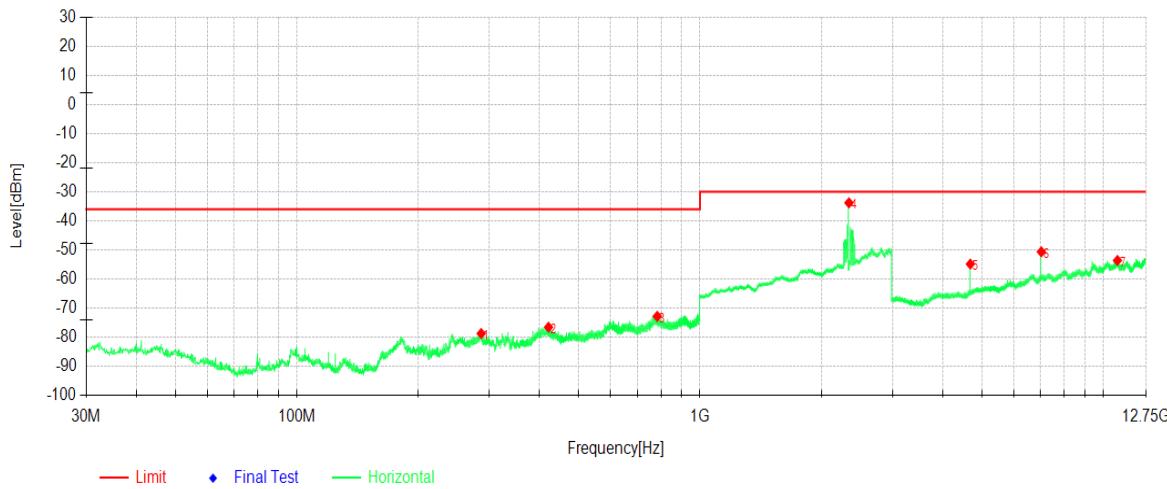
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 417.17      | -69.40        | -76.78      | -36.00      | 40.78       | -7.38       | Horizontal |
| 2         | 608.95      | -70.04        | -73.77      | -36.00      | 37.77       | -3.73       | Horizontal |
| 3         | 773.19      | -72.75        | -72.32      | -36.00      | 36.32       | 0.43        | Horizontal |
| 4         | 2579.76     | -41.62        | -26.41      | -           | -           | 15.21       | Horizontal |
| 5         | 5171.98     | -57.95        | -54.98      | -30.00      | 24.98       | 2.97        | Horizontal |
| 6         | 9472.38     | -67.16        | -53.70      | -30.00      | 23.70       | 13.46       | Horizontal |
| 7         | 12677.85    | -68.71        | -52.42      | -30.00      | 22.42       | 16.29       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B38          |
| Bandwidth:          | 20MHz           | Channel:  | 38000        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

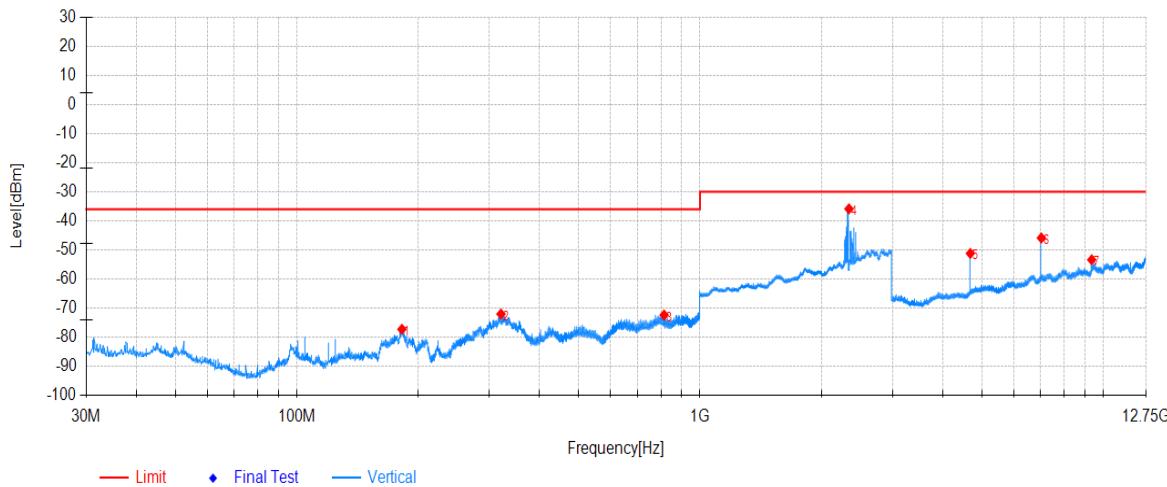
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 183.28      | -61.01        | -76.41      | -36.00      | 40.41       | -15.40      | Vertical |
| 2         | 320.84      | -61.73        | -72.19      | -36.00      | 36.19       | -10.46      | Vertical |
| 3         | 799.87      | -72.24        | -72.00      | -36.00      | 36.00       | 0.24        | Vertical |
| 4         | 2579.56     | -47.46        | -31.93      | -           | -           | 15.53       | Vertical |
| 5         | 5172.30     | -53.60        | -50.51      | -30.00      | 20.51       | 3.09        | Vertical |
| 6         | 7758.33     | -60.57        | -50.46      | -30.00      | 20.46       | 10.11       | Vertical |
| 7         | 10832.83    | -67.92        | -53.11      | -30.00      | 23.11       | 14.81       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B40          |
| Bandwidth:          | 20MHz           | Channel:  | 39150        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

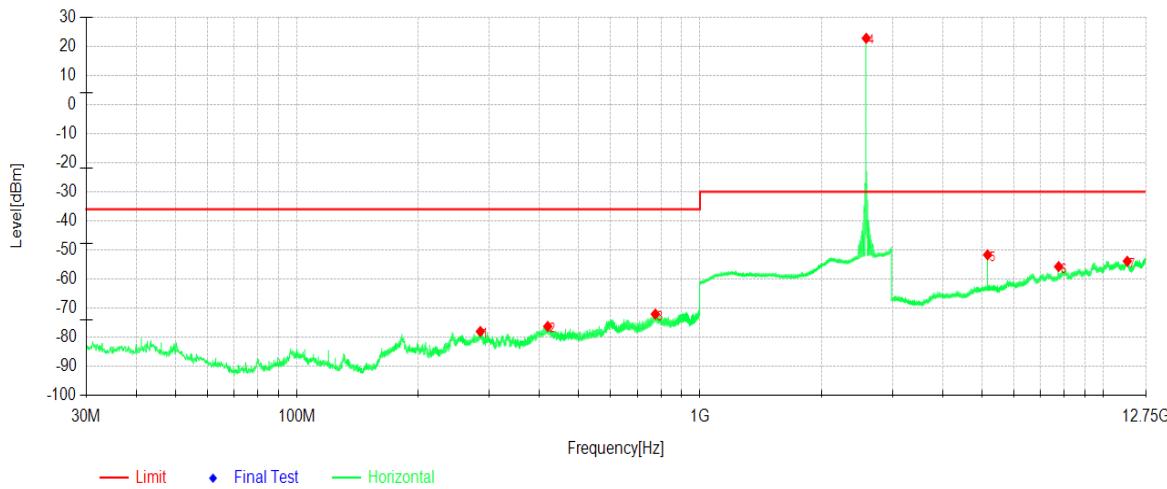
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 286.49      | -67.69        | -78.80      | -36.00      | 42.80       | -11.11      | Horizontal |
| 2         | 420.95      | -69.26        | -76.62      | -36.00      | 40.62       | -7.36       | Horizontal |
| 3         | 783.09      | -73.17        | -72.86      | -36.00      | 36.86       | 0.31        | Horizontal |
| 4         | 2340.93     | -46.44        | -33.81      | -           | -           | 12.63       | Horizontal |
| 5         | 4681.88     | -55.65        | -54.88      | -30.00      | 24.88       | 0.77        | Horizontal |
| 6         | 7023.34     | -58.99        | -50.67      | -30.00      | 20.67       | 8.32        | Horizontal |
| 7         | 10846.31    | -68.42        | -53.63      | -30.00      | 23.63       | 14.79       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B40          |
| Bandwidth:          | 20MHz           | Channel:  | 39150        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

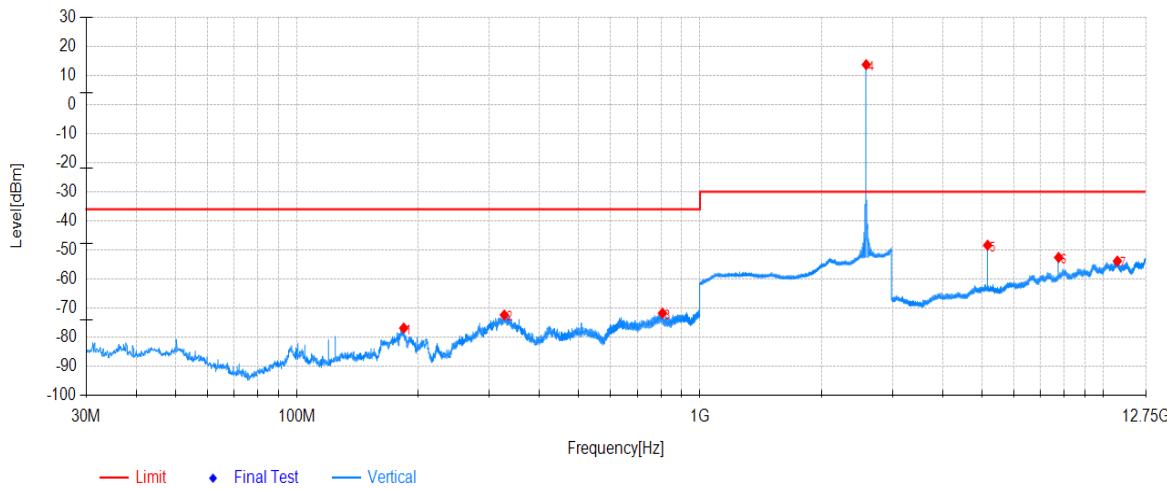
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 182.21      | -61.83        | -77.32      | -36.00      | 41.32       | -15.49      | Vertical |
| 2         | 320.84      | -61.62        | -72.08      | -36.00      | 36.08       | -10.46      | Vertical |
| 3         | 814.52      | -72.24        | -72.43      | -36.00      | 36.43       | -0.19       | Vertical |
| 4         | 2340.93     | -48.51        | -35.87      | -           | -           | 12.64       | Vertical |
| 5         | 4681.88     | -52.13        | -51.21      | -30.00      | 21.21       | 0.92        | Vertical |
| 6         | 7023.34     | -54.00        | -45.88      | -30.00      | 15.88       | 8.12        | Vertical |
| 7         | 9364.31     | -66.31        | -53.40      | -30.00      | 23.40       | 12.91       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B41          |
| Bandwidth:          | 20MHz           | Channel:  | 40620        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

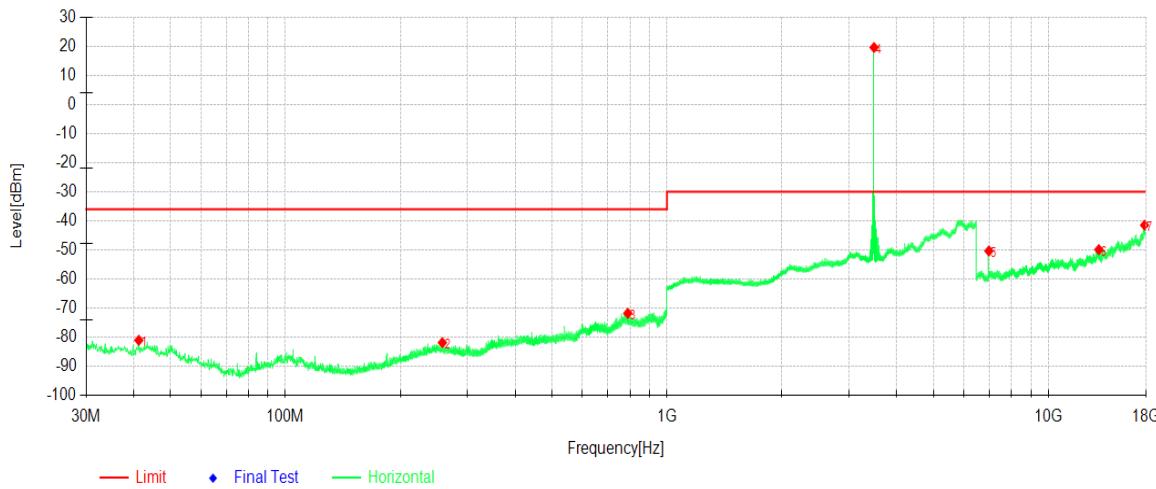
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 285.14      | -67.17        | -78.09      | -36.00      | 42.09       | -10.92      | Horizontal |
| 2         | 419.20      | -69.35        | -76.34      | -36.00      | 40.34       | -6.99       | Horizontal |
| 3         | 774.94      | -73.43        | -72.10      | -36.00      | 36.10       | 1.33        | Horizontal |
| 4         | 2583.96     | 7.73          | 22.85       | -           | -           | 15.12       | Horizontal |
| 5         | 5168.02     | -54.70        | -51.72      | -30.00      | 21.72       | 2.98        | Horizontal |
| 6         | 7751.90     | -65.61        | -55.74      | -30.00      | 25.74       | 9.87        | Horizontal |
| 7         | 11476.10    | -69.01        | -53.92      | -30.00      | 23.92       | 15.09       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B41          |
| Bandwidth:          | 20MHz           | Channel:  | 40620        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

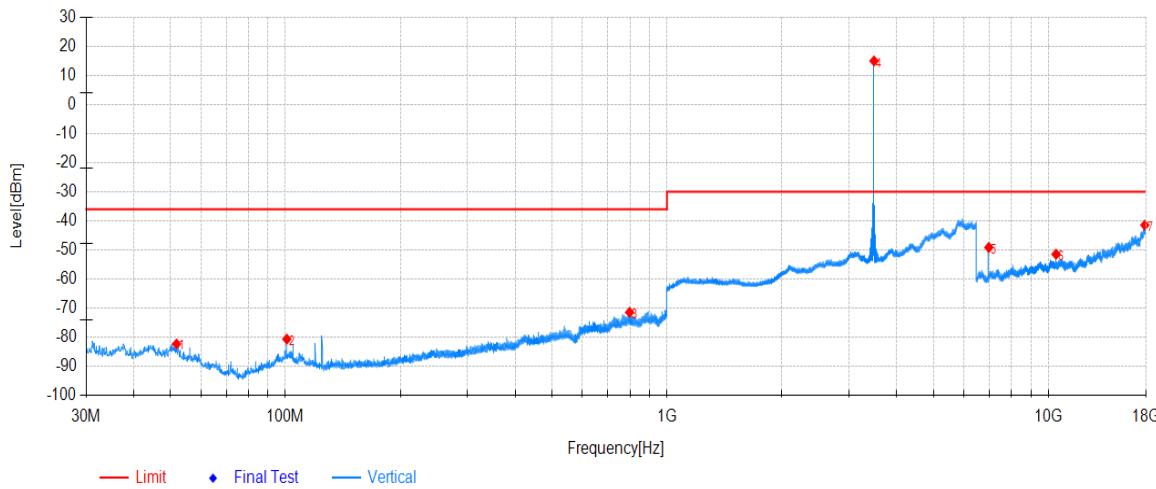
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 184.15      | -61.96        | -76.91      | -36.00      | 40.91       | -14.95      | Vertical |
| 2         | 327.04      | -62.55        | -72.39      | -36.00      | 36.39       | -9.84       | Vertical |
| 3         | 806.85      | -72.51        | -71.79      | -36.00      | 35.79       | 0.72        | Vertical |
| 4         | 2583.96     | -0.95         | 13.75       | -           | -           | 14.70       | Vertical |
| 5         | 5168.02     | -51.52        | -48.42      | -30.00      | 18.42       | 3.10        | Vertical |
| 6         | 7752.39     | -62.67        | -52.61      | -30.00      | 22.61       | 10.06       | Vertical |
| 7         | 10842.80    | -68.64        | -53.84      | -30.00      | 23.84       | 14.80       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B42          |
| Bandwidth:          | 20MHz           | Channel:  | 42590        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 41.25       | -69.75        | -81.09      | -36.00      | 45.09       | -11.34      | Horizontal |
| 2         | 257.78      | -71.82        | -81.93      | -36.00      | 45.93       | -10.11      | Horizontal |
| 3         | 789.78      | -72.44        | -71.82      | -36.00      | 35.82       | 0.62        | Horizontal |
| 4         | 3491.07     | 1.94          | 19.65       | -           | -           | 17.71       | Horizontal |
| 5         | 6982.25     | -58.61        | -50.35      | -30.00      | 20.35       | 8.26        | Horizontal |
| 6         | 13561.62    | -68.94        | -49.91      | -30.00      | 19.91       | 19.03       | Horizontal |
| 7         | 17873.88    | -69.41        | -41.48      | -30.00      | 11.48       | 27.93       | Horizontal |

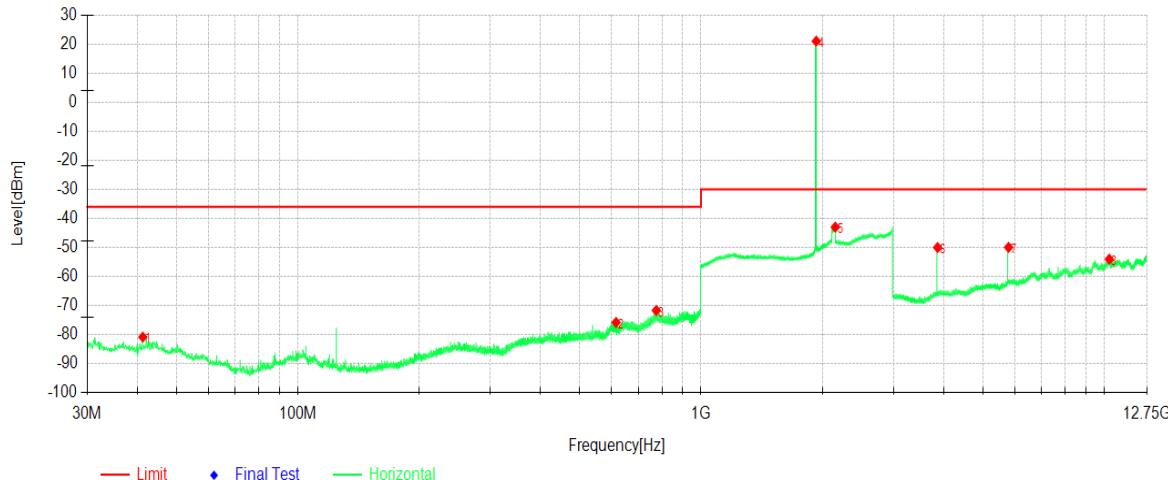
| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B42          |
| Bandwidth:          | 20MHz           | Channel:  | 42590        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 51.83       | -70.85        | -82.38      | -36.00      | 46.38       | -11.53      | Vertical |
| 2         | 100.82      | -67.56        | -80.71      | -36.00      | 44.71       | -13.15      | Vertical |
| 3         | 798.22      | -72.24        | -71.49      | -36.00      | 35.49       | 0.75        | Vertical |
| 4         | 3491.07     | -2.59         | 15.02       | -           | -           | 17.61       | Vertical |
| 5         | 6982.25     | -57.22        | -49.18      | -30.00      | 19.18       | 8.04        | Vertical |
| 6         | 10473.00    | -65.85        | -51.49      | -30.00      | 21.49       | 14.36       | Vertical |
| 7         | 17904.93    | -70.30        | -41.46      | -30.00      | 11.46       | 28.84       | Vertical |

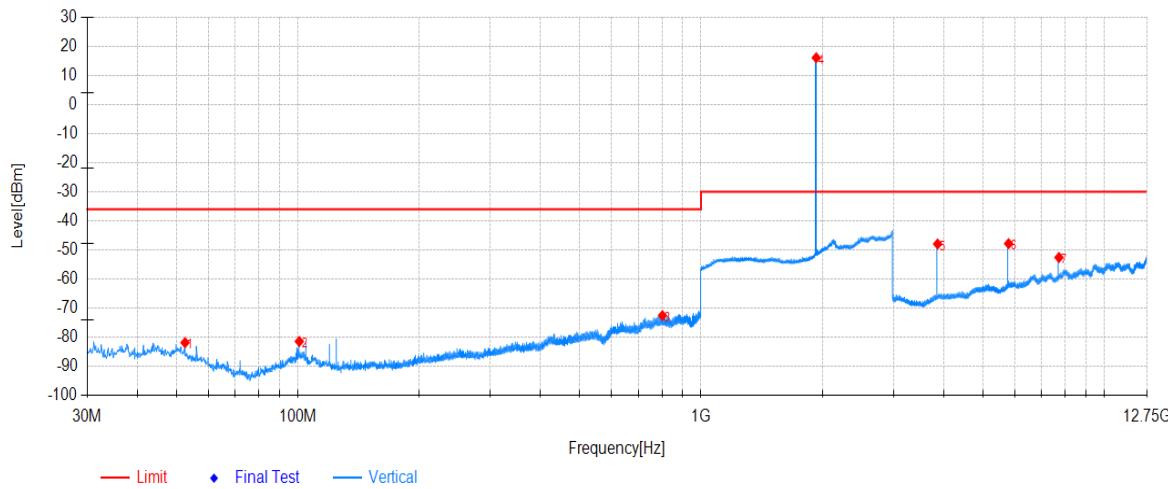
**Test Results NR**

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n1           |
| Bandwidth:          | 40MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

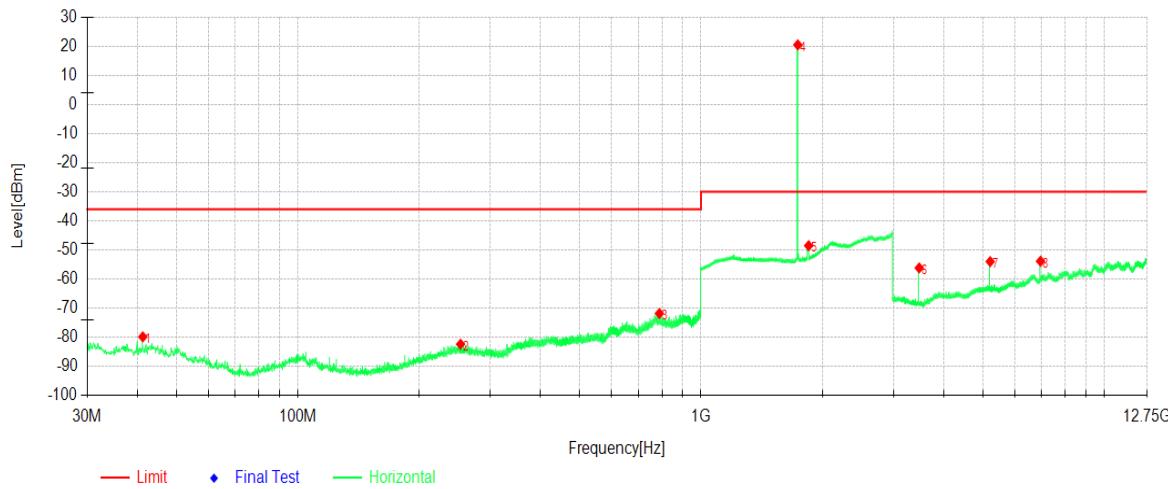
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 41.25       | -69.58        | -80.92      | -36.00      | 44.92       | -11.34      | Horizontal |
| 2         | 615.55      | -72.61        | -75.86      | -36.00      | 39.86       | -3.25       | Horizontal |
| 3         | 774.45      | -73.06        | -71.76      | -36.00      | 35.76       | 1.30        | Horizontal |
| 4         | 1930.69     | 9.95          | 21.12       | -           | -           | 11.17       | Horizontal |
| 5         | 2152.92     | -57.43        | -43.02      | -           | -           | 14.41       | Horizontal |
| 6         | 3860.97     | -49.00        | -50.05      | -30.00      | 20.05       | -1.05       | Horizontal |
| 7         | 5791.56     | -54.96        | -50.00      | -30.00      | 20.00       | 4.96        | Horizontal |
| 8         | 10290.93    | -68.76        | -54.05      | -30.00      | 24.05       | 14.71       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n1           |
| Bandwidth:          | 40MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

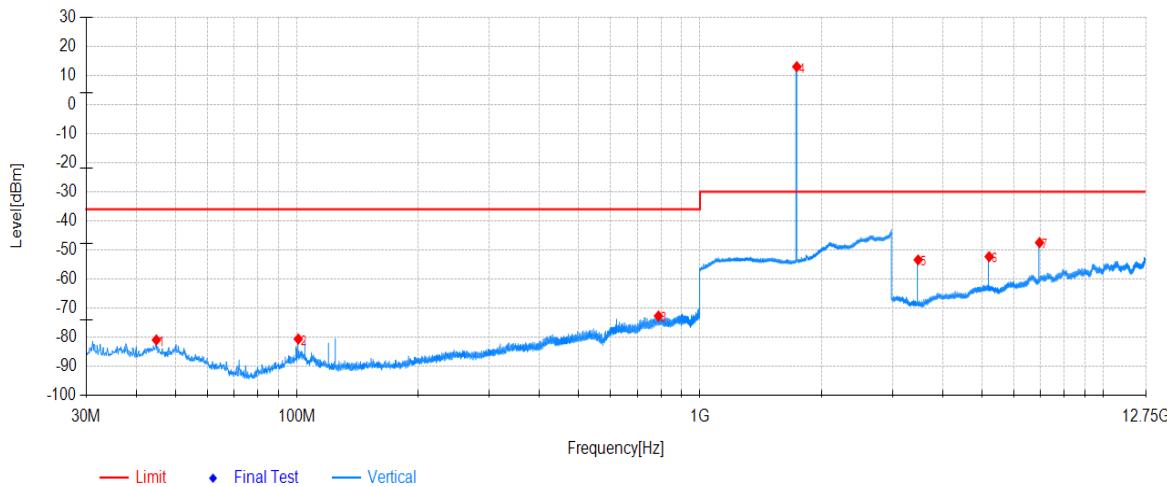
| Data List |                |                  |                |                |                |                |          |
|-----------|----------------|------------------|----------------|----------------|----------------|----------------|----------|
| NO.       | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Factor<br>[dB] | Polarity |
| 1         | 52.51          | -70.12           | -81.91         | -36.00         | 45.91          | -11.79         | Vertical |
| 2         | 100.82         | -68.36           | -81.51         | -36.00         | 45.51          | -13.15         | Vertical |
| 3         | 802.20         | -73.40           | -72.62         | -36.00         | 36.62          | 0.78           | Vertical |
| 4         | 1930.69        | 5.11             | 16.12          | -              | -              | 11.01          | Vertical |
| 5         | 3861.46        | -46.71           | -47.97         | -30.00         | 17.97          | -1.26          | Vertical |
| 6         | 5792.05        | -52.63           | -47.85         | -30.00         | 17.85          | 4.78           | Vertical |
| 7         | 7722.65        | -62.40           | -52.60         | -30.00         | 22.60          | 9.80           | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n3           |
| Bandwidth:          | 20MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

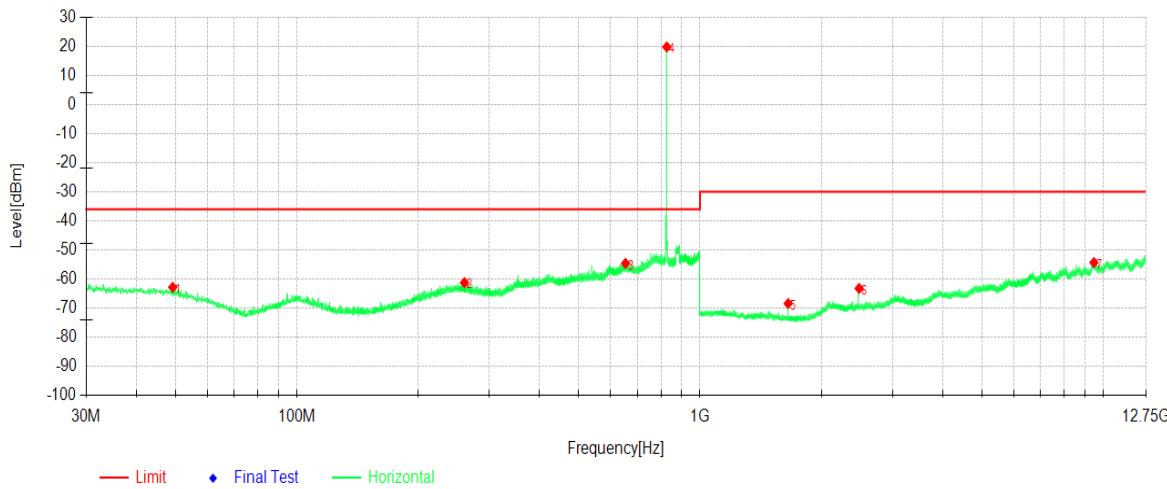
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 41.25       | -68.58        | -79.92      | -36.00      | 43.92       | -11.34      | Horizontal |
| 2         | 253.22      | -72.57        | -82.47      | -36.00      | 46.47       | -9.90       | Horizontal |
| 3         | 788.32      | -72.58        | -71.89      | -36.00      | 35.89       | 0.69        | Horizontal |
| 4         | 1738.07     | 10.76         | 20.56       | -           | -           | 9.80        | Horizontal |
| 5         | 1848.88     | -58.75        | -48.54      | -           | -           | 10.21       | Horizontal |
| 6         | 3476.31     | -52.39        | -56.20      | -30.00      | 26.20       | -3.81       | Horizontal |
| 7         | 5214.34     | -56.98        | -54.03      | -30.00      | 24.03       | 2.95        | Horizontal |
| 8         | 6952.36     | -61.62        | -53.90      | -30.00      | 23.90       | 7.72        | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n3           |
| Bandwidth:          | 20MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

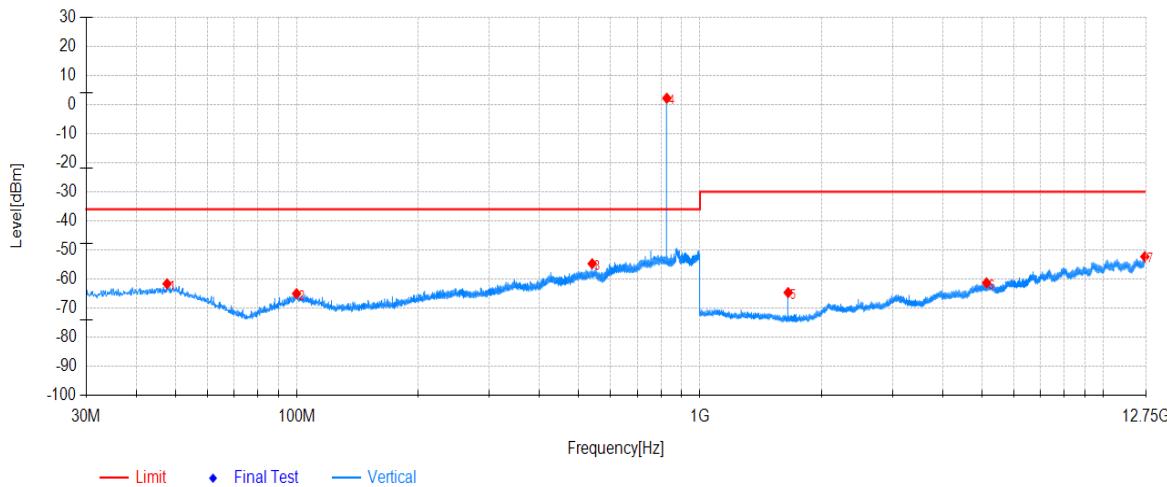
| Data List |                |                  |                |                |                |                |          |
|-----------|----------------|------------------|----------------|----------------|----------------|----------------|----------|
| NO.       | Freq.<br>[MHz] | Reading<br>[dBm] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Factor<br>[dB] | Polarity |
| 1         | 44.84          | -69.62           | -80.99         | -36.00         | 44.99          | -11.37         | Vertical |
| 2         | 100.82         | -67.51           | -80.66         | -36.00         | 44.66          | -13.15         | Vertical |
| 3         | 788.81         | -73.25           | -72.77         | -36.00         | 36.77          | 0.48           | Vertical |
| 4         | 1738.07        | 3.42             | 13.06          | -              | -              | 9.64           | Vertical |
| 5         | 3475.82        | -49.55           | -53.45         | -30.00         | 23.45          | -3.90          | Vertical |
| 6         | 5214.34        | -55.37           | -52.33         | -30.00         | 22.33          | 3.04           | Vertical |
| 7         | 6951.87        | -55.00           | -47.50         | -30.00         | 17.50          | 7.50           | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n5           |
| Bandwidth:          | 20MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

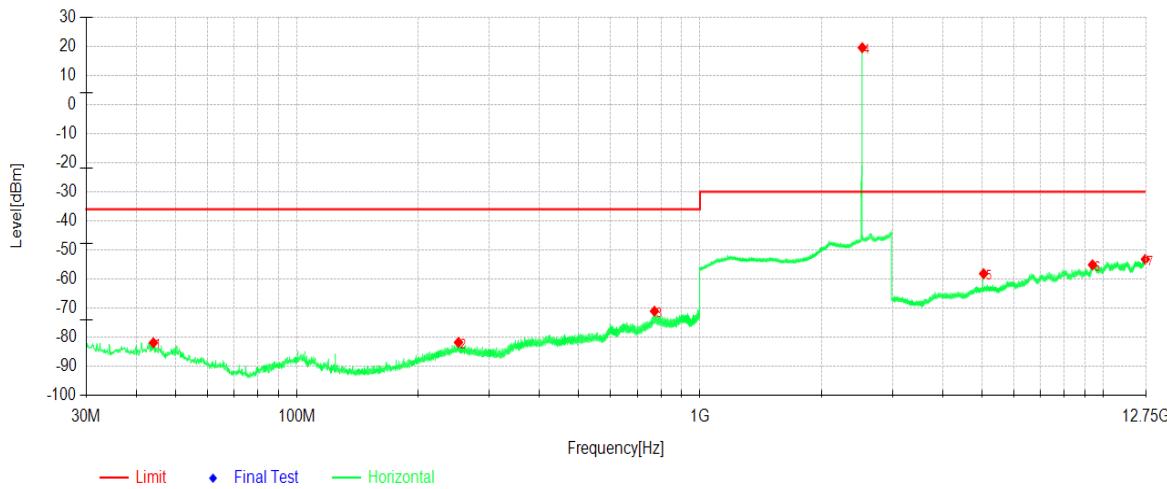
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 49.21       | -70.87        | -62.86      | -36.00      | 26.86       | 8.01        | Horizontal |
| 2         | 260.40      | -70.51        | -61.29      | -36.00      | 25.29       | 9.22        | Horizontal |
| 3         | 653.29      | -71.77        | -54.63      | -36.00      | 18.63       | 17.14       | Horizontal |
| 4         | 827.03      | 0.93          | 19.84       | -           | -           | 18.91       | Horizontal |
| 5         | 1654.11     | -56.54        | -68.47      | -30.00      | 38.47       | -11.93      | Horizontal |
| 6         | 2480.94     | -56.39        | -63.26      | -30.00      | 33.26       | -6.87       | Horizontal |
| 7         | 9484.17     | -67.84        | -54.35      | -30.00      | 24.35       | 13.49       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n5           |
| Bandwidth:          | 20MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

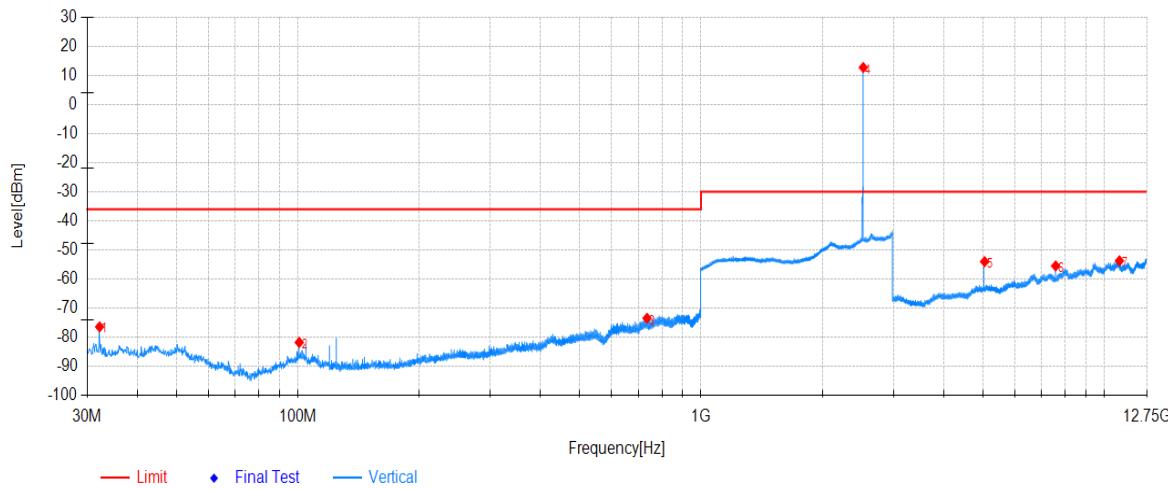
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 47.66       | -70.24        | -61.68      | -36.00      | 25.68       | 8.56        | Vertical |
| 2         | 99.85       | -71.35        | -65.03      | -36.00      | 29.03       | 6.32        | Vertical |
| 3         | 540.08      | -69.40        | -54.74      | -36.00      | 18.74       | 14.66       | Vertical |
| 4         | 827.03      | -16.91        | 2.21        | -           | -           | 19.12       | Vertical |
| 5         | 1654.11     | -52.55        | -64.70      | -30.00      | 34.70       | -12.15      | Vertical |
| 6         | 5135.35     | -64.35        | -61.36      | -30.00      | 31.36       | 2.99        | Vertical |
| 7         | 12683.41    | -69.01        | -52.34      | -30.00      | 22.34       | 16.67       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n7           |
| Bandwidth:          | 20MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

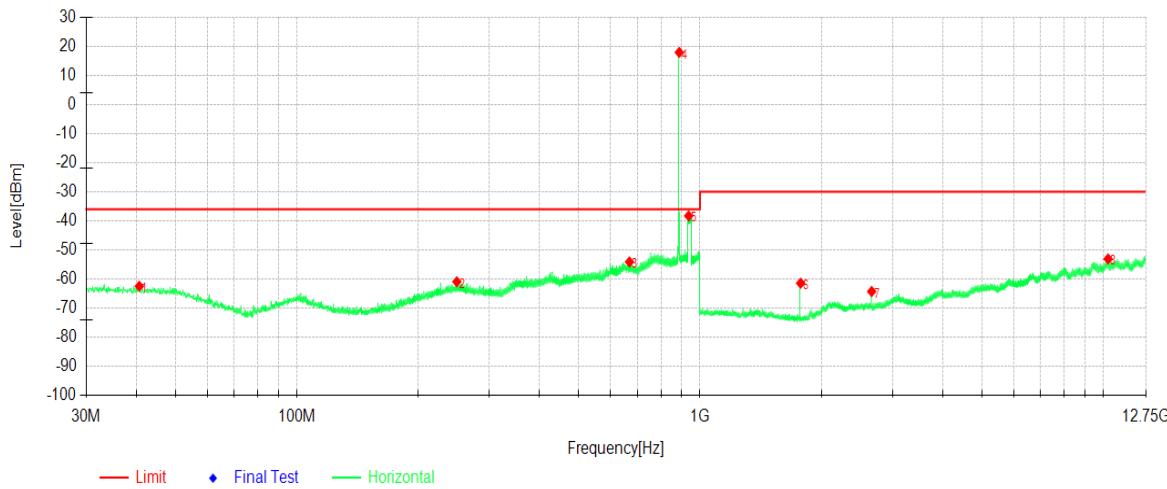
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 44.07       | -70.54        | -81.97      | -36.00      | 45.97       | -11.43      | Horizontal |
| 2         | 251.67      | -72.03        | -81.85      | -36.00      | 45.85       | -9.82       | Horizontal |
| 3         | 770.77      | -72.21        | -71.11      | -36.00      | 35.11       | 1.10        | Horizontal |
| 4         | 2525.55     | 4.56          | 19.59       | -           | -           | 15.03       | Horizontal |
| 5         | 5051.02     | -60.93        | -58.21      | -30.00      | 28.21       | 2.72        | Horizontal |
| 6         | 9405.10     | -68.60        | -55.15      | -30.00      | 25.15       | 13.45       | Horizontal |
| 7         | 12721.72    | -69.73        | -53.22      | -30.00      | 23.22       | 16.51       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n7           |
| Bandwidth:          | 20MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

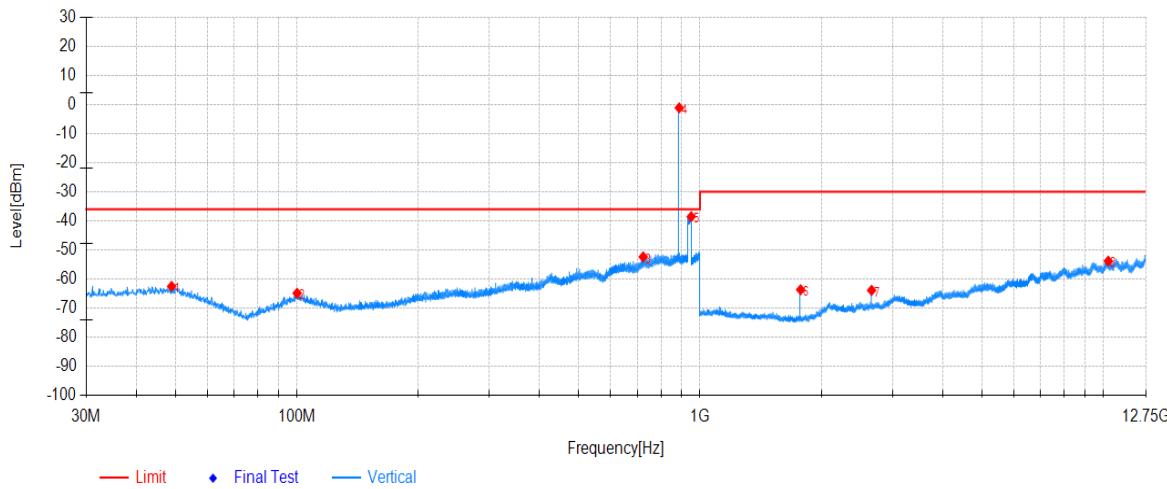
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 32.23       | -63.78        | -76.48      | -36.00      | 40.48       | -12.70      | Vertical |
| 2         | 100.82      | -68.70        | -81.85      | -36.00      | 45.85       | -13.15      | Vertical |
| 3         | 734.48      | -72.68        | -73.52      | -36.00      | 37.52       | -0.84       | Vertical |
| 4         | 2525.55     | -2.19         | 12.77       | -           | -           | 14.96       | Vertical |
| 5         | 5051.02     | -56.89        | -54.04      | -30.00      | 24.04       | 2.85        | Vertical |
| 6         | 7576.88     | -64.12        | -55.51      | -30.00      | 25.51       | 8.61        | Vertical |
| 7         | 10911.06    | -68.40        | -53.76      | -30.00      | 23.76       | 14.64       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n8           |
| Bandwidth:          | 20MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

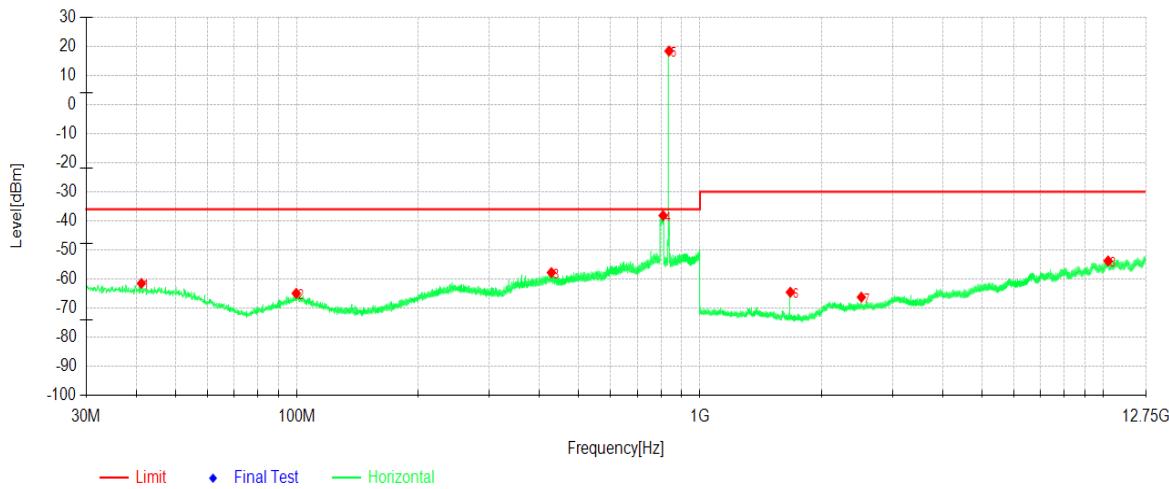
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 40.67       | -70.94        | -62.51      | -36.00      | 26.51       | 8.43        | Horizontal |
| 2         | 249.34      | -70.46        | -60.96      | -36.00      | 24.96       | 9.50        | Horizontal |
| 3         | 668.32      | -71.05        | -54.15      | -36.00      | 18.15       | 16.90       | Horizontal |
| 4         | 888.05      | -1.32         | 17.98       | -           | -           | 19.30       | Horizontal |
| 5         | 937.23      | -58.13        | -38.31      | -           | -           | 19.82       | Horizontal |
| 6         | 1775.92     | -49.59        | -61.46      | -30.00      | 31.46       | -11.87      | Horizontal |
| 7         | 2664.64     | -57.83        | -64.31      | -30.00      | 34.31       | -6.48       | Horizontal |
| 8         | 10280.46    | -67.62        | -53.11      | -30.00      | 23.11       | 14.51       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n8           |
| Bandwidth:          | 20MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

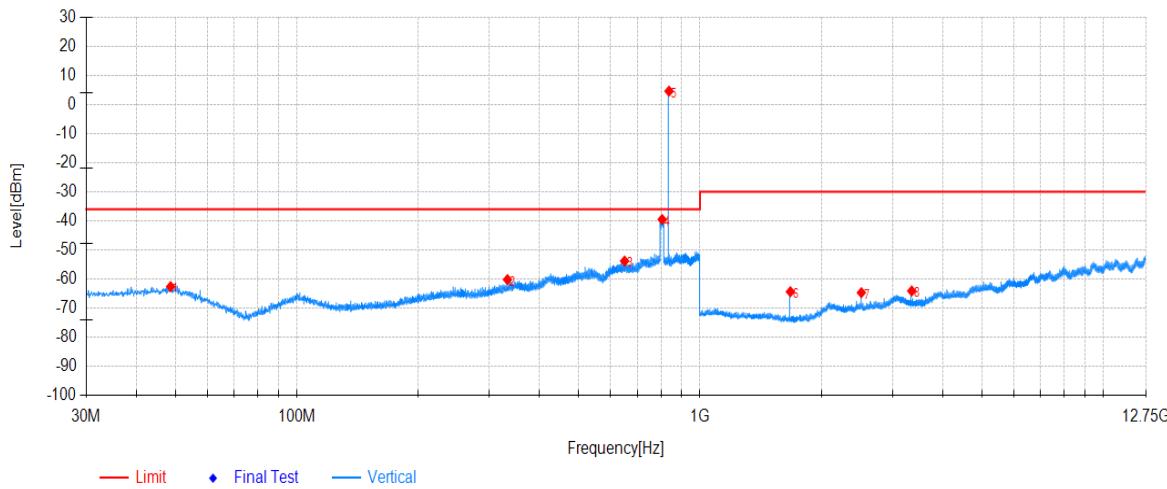
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 48.92       | -71.23        | -62.55      | -36.00      | 26.55       | 8.68        | Vertical |
| 2         | 100.14      | -71.24        | -64.90      | -36.00      | 28.90       | 6.34        | Vertical |
| 3         | 722.75      | -70.80        | -52.43      | -36.00      | 16.43       | 18.37       | Vertical |
| 4         | 887.95      | -20.79        | -1.11       | -           | -           | 19.68       | Vertical |
| 5         | 950.82      | -57.54        | -38.56      | -           | -           | 18.98       | Vertical |
| 6         | 1775.92     | -51.71        | -63.70      | -30.00      | 33.70       | -11.99      | Vertical |
| 7         | 2663.86     | -57.44        | -63.92      | -30.00      | 33.92       | -6.48       | Vertical |
| 8         | 10292.60    | -67.95        | -53.85      | -30.00      | 23.85       | 14.10       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n20          |
| Bandwidth:          | 20MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

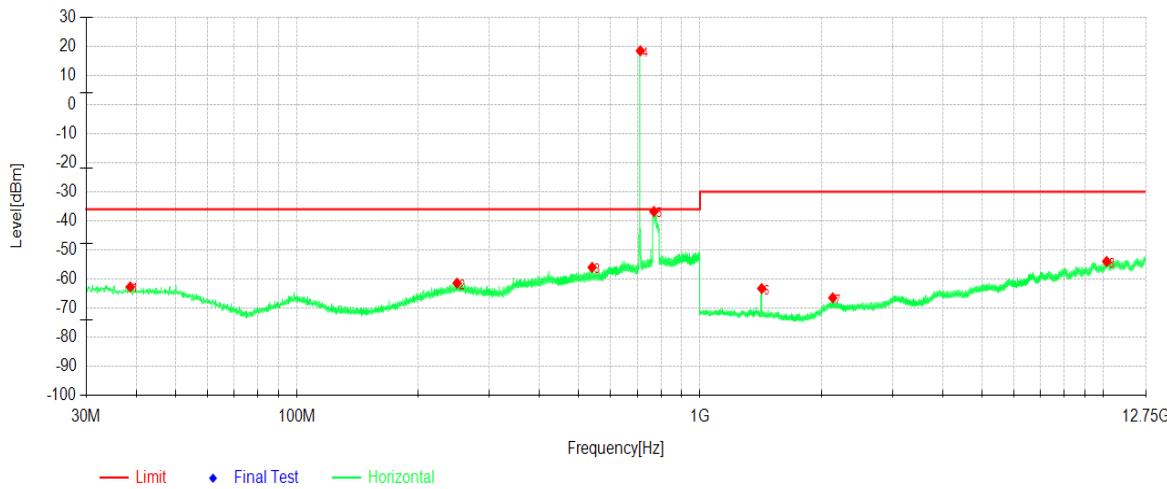
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 41.16       | -69.95        | -61.55      | -36.00      | 25.55       | 8.40        | Horizontal |
| 2         | 99.65       | -70.93        | -64.96      | -36.00      | 28.96       | 5.97        | Horizontal |
| 3         | 427.93      | -70.16        | -57.81      | -36.00      | 21.81       | 12.35       | Horizontal |
| 4         | 809.96      | -57.29        | -38.19      | -           | -           | 19.10       | Horizontal |
| 5         | 837.51      | -0.29         | 18.43       | -           | -           | 18.72       | Horizontal |
| 6         | 1674.86     | -52.61        | -64.56      | -30.00      | 34.56       | -11.95      | Horizontal |
| 7         | 2512.67     | -59.50        | -66.27      | -30.00      | 36.27       | -6.77       | Horizontal |
| 8         | 10284.77    | -68.32        | -53.81      | -30.00      | 23.81       | 14.51       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n20          |
| Bandwidth:          | 20MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

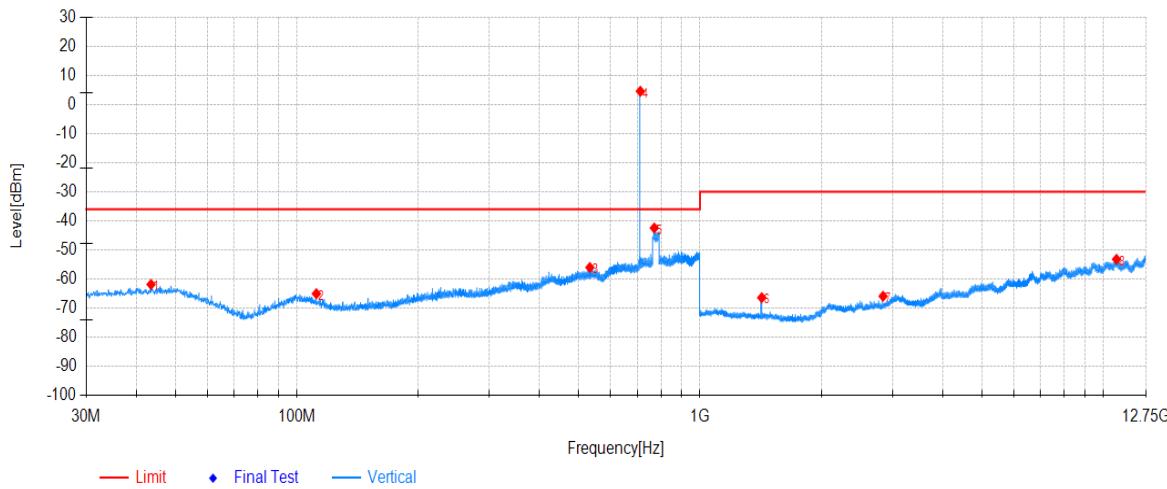
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 48.63       | -71.31        | -62.66      | -36.00      | 26.66       | 8.65        | Vertical |
| 2         | 332.96      | -70.14        | -60.22      | -36.00      | 24.22       | 9.92        | Vertical |
| 3         | 649.99      | -70.78        | -53.85      | -36.00      | 17.85       | 16.93       | Vertical |
| 4         | 805.30      | -59.01        | -39.51      | -           | -           | 19.50       | Vertical |
| 5         | 837.51      | -14.27        | 4.63        | -           | -           | 18.90       | Vertical |
| 6         | 1675.26     | -52.21        | -64.38      | -30.00      | 34.38       | -12.17      | Vertical |
| 7         | 2512.67     | -57.97        | -64.73      | -30.00      | 34.73       | -6.76       | Vertical |
| 8         | 3350.08     | -59.87        | -64.13      | -30.00      | 34.13       | -4.26       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n28          |
| Bandwidth:          | 30MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

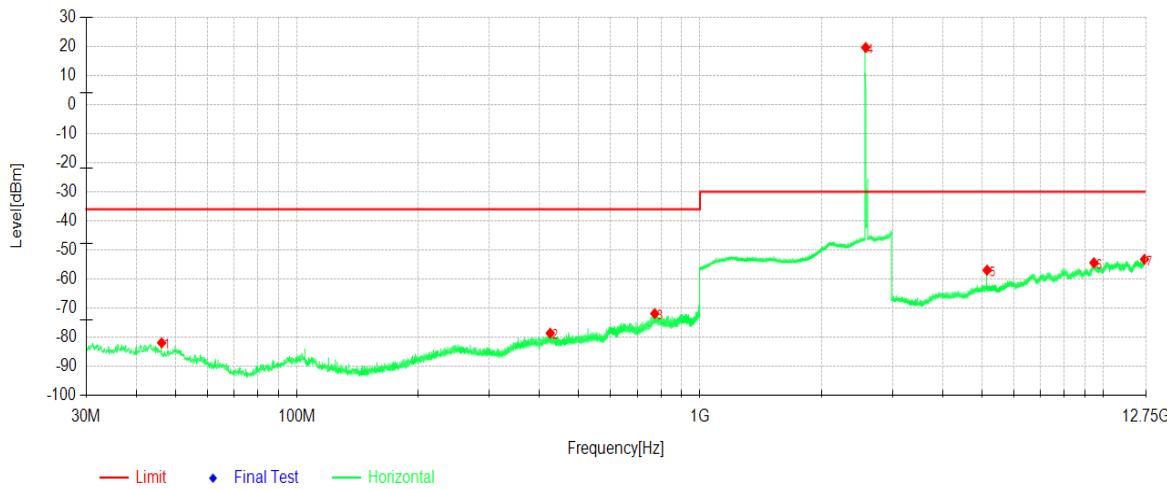
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 38.63       | -71.26        | -62.73      | -36.00      | 26.73       | 8.53        | Horizontal |
| 2         | 249.73      | -70.97        | -61.45      | -36.00      | 25.45       | 9.52        | Horizontal |
| 3         | 539.98      | -69.93        | -56.02      | -36.00      | 20.02       | 13.91       | Horizontal |
| 4         | 711.11      | 1.99          | 18.51       | -           | -           | 16.52       | Horizontal |
| 5         | 768.44      | -56.25        | -36.78      | -           | -           | 19.47       | Horizontal |
| 6         | 1422.23     | -52.08        | -63.31      | -30.00      | 33.31       | -11.23      | Horizontal |
| 7         | 2133.91     | -59.41        | -66.49      | -30.00      | 36.49       | -7.08       | Horizontal |
| 8         | 10201.34    | -68.28        | -54.00      | -30.00      | 24.00       | 14.28       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n28          |
| Bandwidth:          | 30MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

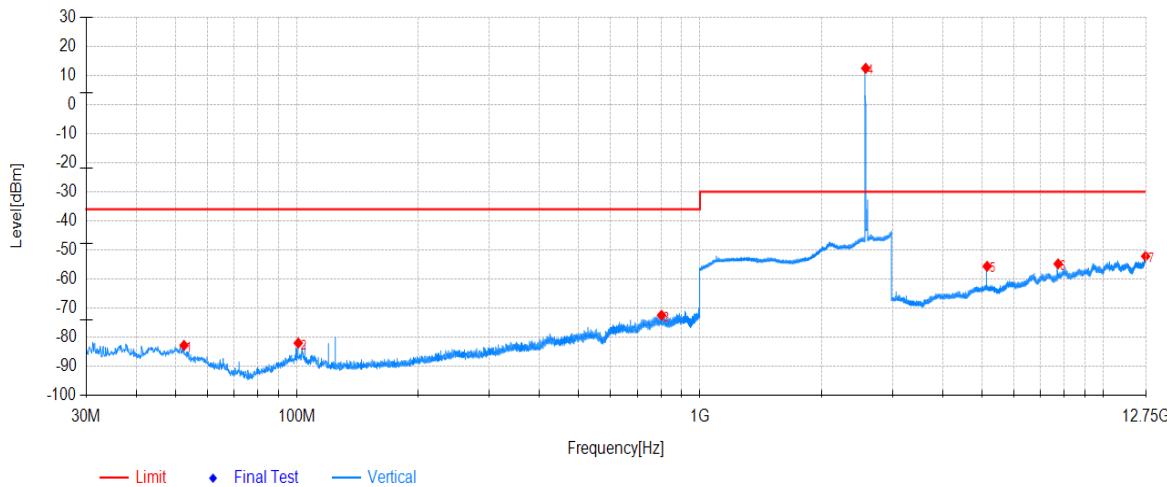
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 43.48       | -70.09        | -61.90      | -36.00      | 25.90       | 8.19        | Vertical |
| 2         | 111.78      | -69.66        | -65.09      | -36.00      | 29.09       | 4.57        | Vertical |
| 3         | 533.09      | -70.60        | -56.06      | -36.00      | 20.06       | 14.54       | Vertical |
| 4         | 711.11      | -12.94        | 4.60        | -           | -           | 17.54       | Vertical |
| 5         | 769.99      | -61.30        | -42.46      | -           | -           | 18.84       | Vertical |
| 6         | 1422.23     | -54.97        | -66.44      | -30.00      | 36.44       | -11.47      | Vertical |
| 7         | 2844.81     | -60.13        | -65.94      | -30.00      | 35.94       | -5.81       | Vertical |
| 8         | 10788.86    | -68.05        | -53.24      | -30.00      | 23.24       | 14.81       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA MIMO         | Band:     | n38          |
| Bandwidth:          | 40MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

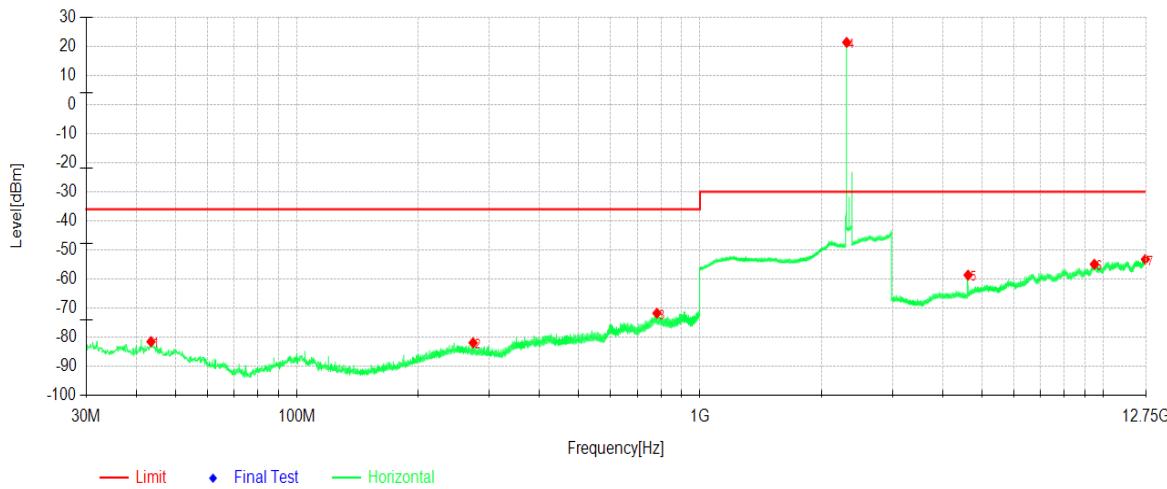
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 46.20       | -70.49        | -82.00      | -36.00      | 46.00       | -11.51      | Horizontal |
| 2         | 425.02      | -71.89        | -78.69      | -36.00      | 42.69       | -6.80       | Horizontal |
| 3         | 772.12      | -73.10        | -71.92      | -36.00      | 35.92       | 1.18        | Horizontal |
| 4         | 2575.96     | 4.52          | 19.63       | -           | -           | 15.11       | Horizontal |
| 5         | 5151.93     | -59.98        | -56.97      | -30.00      | 26.97       | 3.01        | Horizontal |
| 6         | 9482.12     | -67.91        | -54.44      | -30.00      | 24.44       | 13.47       | Horizontal |
| 7         | 12659.81    | -69.44        | -53.26      | -30.00      | 23.26       | 16.18       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA MIMO         | Band:     | n38          |
| Bandwidth:          | 40MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

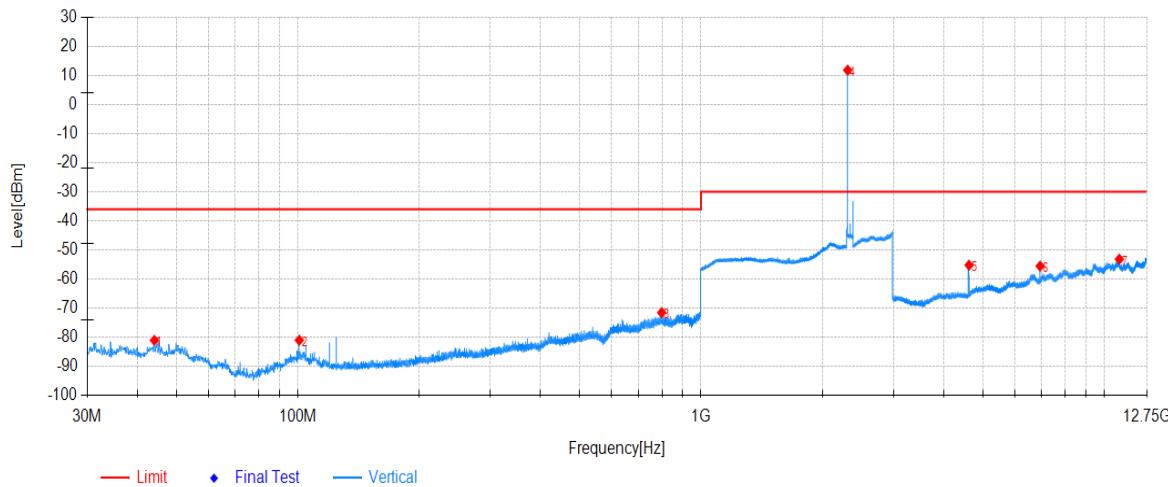
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 52.51       | -71.07        | -82.86      | -36.00      | 46.86       | -11.79      | Vertical |
| 2         | 100.82      | -68.93        | -82.08      | -36.00      | 46.08       | -13.15      | Vertical |
| 3         | 802.59      | -73.28        | -72.50      | -36.00      | 36.50       | 0.78        | Vertical |
| 4         | 2576.16     | -2.23         | 12.51       | -           | -           | 14.74       | Vertical |
| 5         | 5152.42     | -58.79        | -55.65      | -30.00      | 25.65       | 3.14        | Vertical |
| 6         | 7728.50     | -64.65        | -54.80      | -30.00      | 24.80       | 9.85        | Vertical |
| 7         | 12741.22    | -68.97        | -52.20      | -30.00      | 22.20       | 16.77       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA MIMO         | Band:     | n40          |
| Bandwidth:          | 80MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

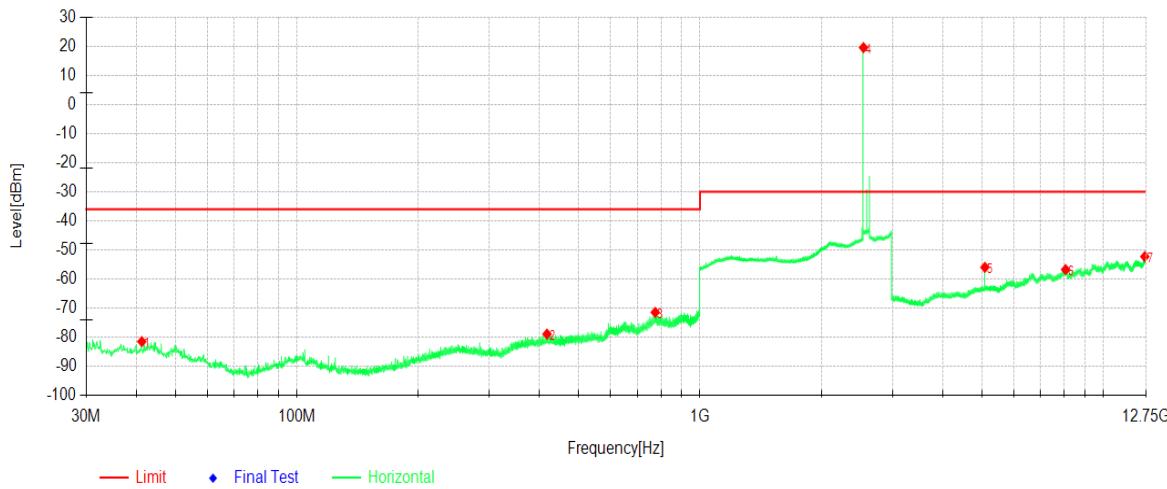
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 43.48       | -70.17        | -81.59      | -36.00      | 45.59       | -11.42      | Horizontal |
| 2         | 273.59      | -71.21        | -81.98      | -36.00      | 45.98       | -10.77      | Horizontal |
| 3         | 781.92      | -72.80        | -71.80      | -36.00      | 35.80       | 1.00        | Horizontal |
| 4         | 2311.13     | 7.75          | 21.41       | -           | -           | 13.66       | Horizontal |
| 5         | 4621.99     | -58.86        | -58.68      | -30.00      | 28.68       | 0.18        | Horizontal |
| 6         | 9507.48     | -68.39        | -54.95      | -30.00      | 24.95       | 13.44       | Horizontal |
| 7         | 12725.14    | -69.77        | -53.25      | -30.00      | 23.25       | 16.52       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA MIMO         | Band:     | n40          |
| Bandwidth:          | 80MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

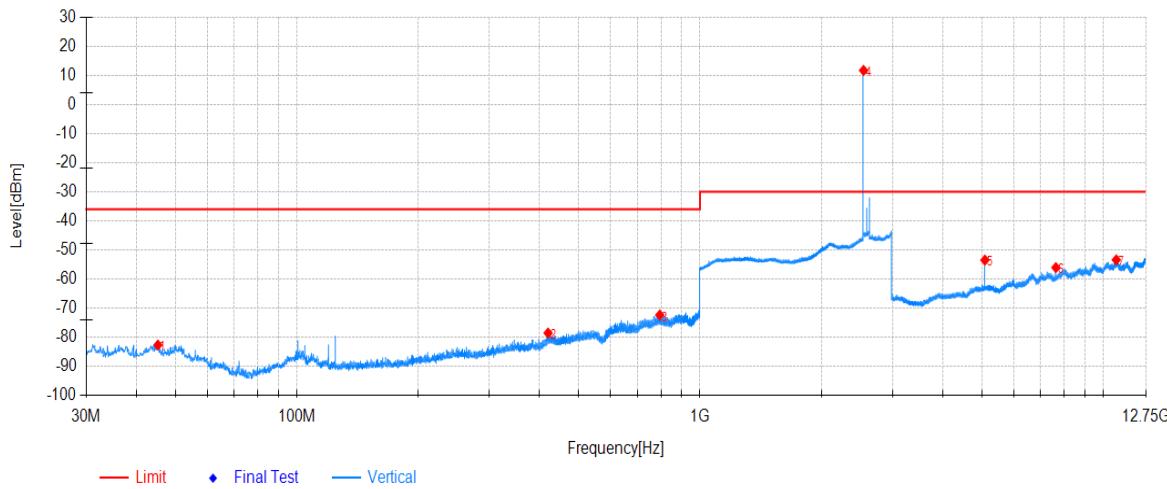
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 44.07       | -69.69        | -81.14      | -36.00      | 45.14       | -11.45      | Vertical |
| 2         | 100.82      | -67.92        | -81.07      | -36.00      | 45.07       | -13.15      | Vertical |
| 3         | 798.70      | -72.37        | -71.61      | -36.00      | 35.61       | 0.76        | Vertical |
| 4         | 2310.93     | -1.57         | 11.85       | -           | -           | 13.42       | Vertical |
| 5         | 4621.99     | -55.36        | -55.25      | -30.00      | 25.25       | 0.11        | Vertical |
| 6         | 6933.35     | -62.88        | -55.58      | -30.00      | 25.58       | 7.30        | Vertical |
| 7         | 10902.77    | -67.89        | -53.19      | -30.00      | 23.19       | 14.70       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA MIMO         | Band:     | n41          |
| Bandwidth:          | 100MHz          | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

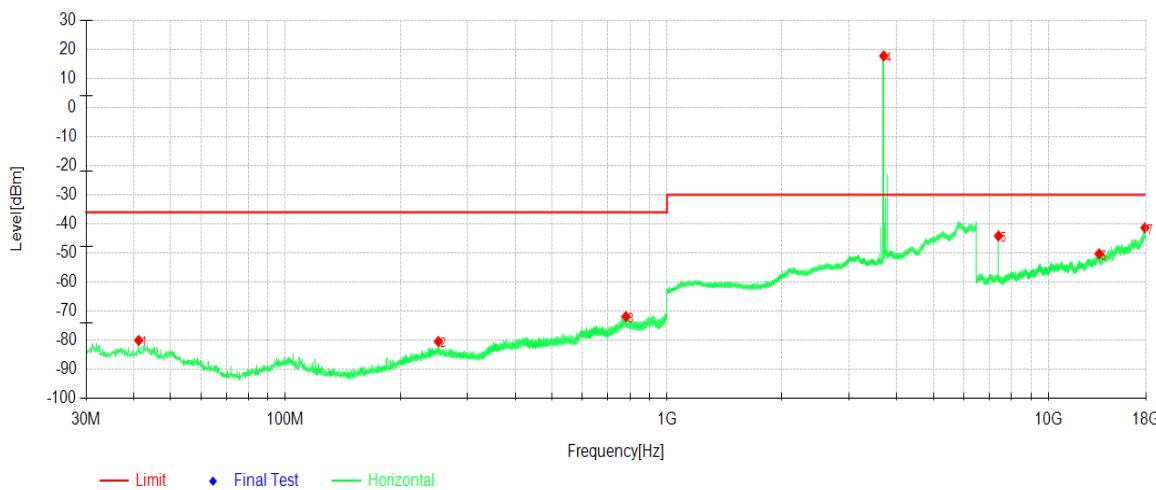
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 41.25       | -70.20        | -81.54      | -36.00      | 45.54       | -11.34      | Horizontal |
| 2         | 417.36      | -71.92        | -78.98      | -36.00      | 42.98       | -7.06       | Horizontal |
| 3         | 774.45      | -72.80        | -71.50      | -36.00      | 35.50       | 1.30        | Horizontal |
| 4         | 2543.95     | 4.56          | 19.61       | -           | -           | 15.05       | Horizontal |
| 5         | 5088.07     | -59.01        | -56.02      | -30.00      | 26.02       | 2.99        | Horizontal |
| 6         | 8067.33     | -67.64        | -56.78      | -30.00      | 26.78       | 10.86       | Horizontal |
| 7         | 12682.23    | -68.62        | -52.30      | -30.00      | 22.30       | 16.32       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA MIMO         | Band:     | n41          |
| Bandwidth:          | 100MHz          | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

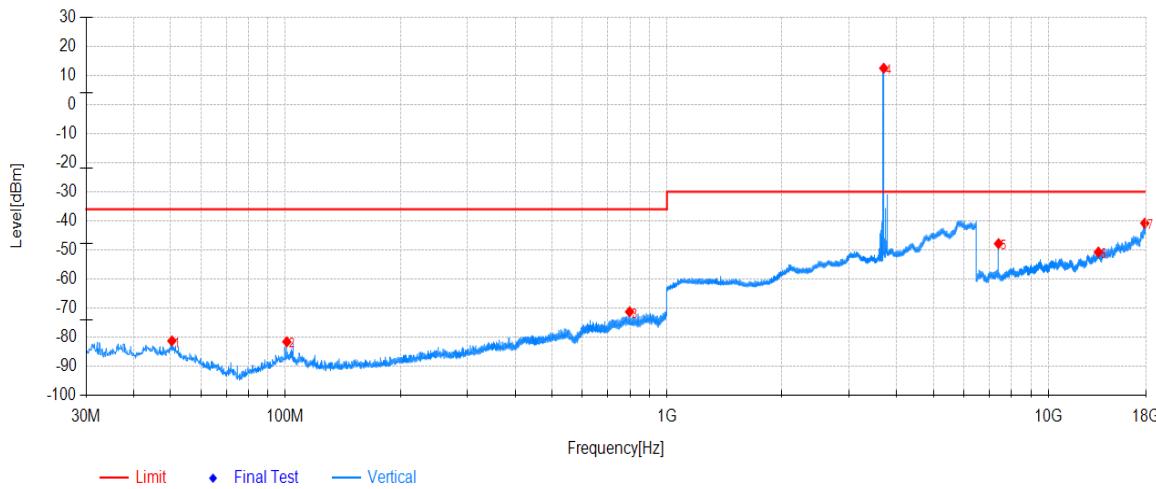
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 45.23       | -71.41        | -82.74      | -36.00      | 46.74       | -11.33      | Vertical |
| 2         | 419.88      | -71.45        | -78.62      | -36.00      | 42.62       | -7.17       | Vertical |
| 3         | 794.53      | -73.04        | -72.41      | -36.00      | 36.41       | 0.63        | Vertical |
| 4         | 2543.95     | -3.11         | 11.76       | -           | -           | 14.87       | Vertical |
| 5         | 5088.55     | -56.66        | -53.50      | -30.00      | 23.50       | 3.16        | Vertical |
| 6         | 7631.97     | -65.12        | -56.09      | -30.00      | 26.09       | 9.03        | Vertical |
| 7         | 10773.09    | -68.30        | -53.43      | -30.00      | 23.43       | 14.87       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA MIMO         | Band:     | n77          |
| Bandwidth:          | 100MHz          | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

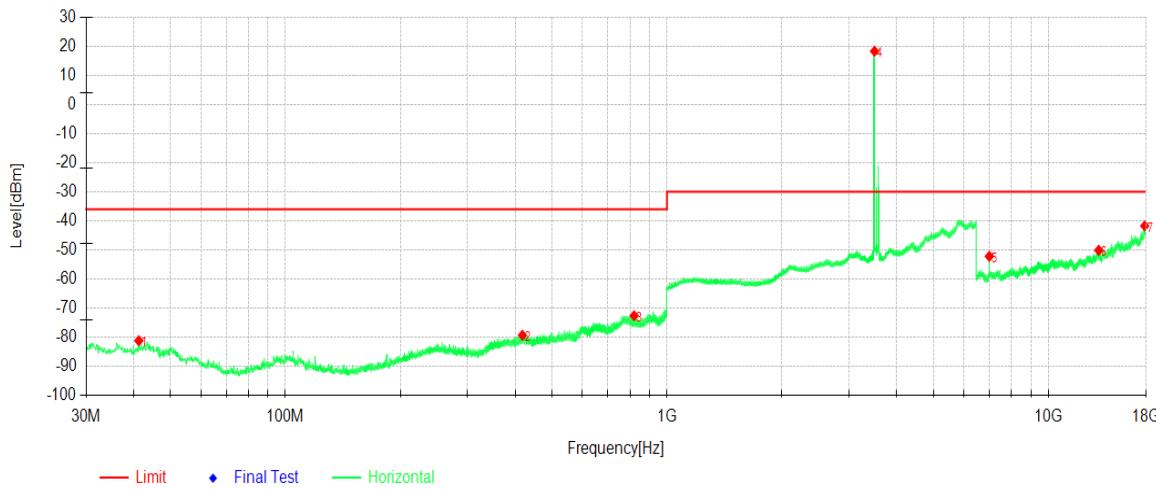
| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 41.25       | -68.75        | -80.09      | -36.00      | 44.09       | -11.34      | Horizontal |
| 2         | 251.67      | -70.66        | -80.48      | -36.00      | 44.48       | -9.82       | Horizontal |
| 3         | 780.86      | -72.98        | -71.93      | -36.00      | 35.93       | 1.05        | Horizontal |
| 4         | 3700.91     | -0.82         | 17.80       | -           | -           | 18.62       | Horizontal |
| 5         | 7402.01     | -54.09        | -44.19      | -30.00      | 14.19       | 9.90        | Horizontal |
| 6         | 13583.47    | -69.17        | -50.30      | -30.00      | 20.30       | 18.87       | Horizontal |
| 7         | 17924.10    | -69.56        | -41.34      | -30.00      | 11.34       | 28.22       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA MIMO         | Band:     | n77          |
| Bandwidth:          | 100MHz          | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

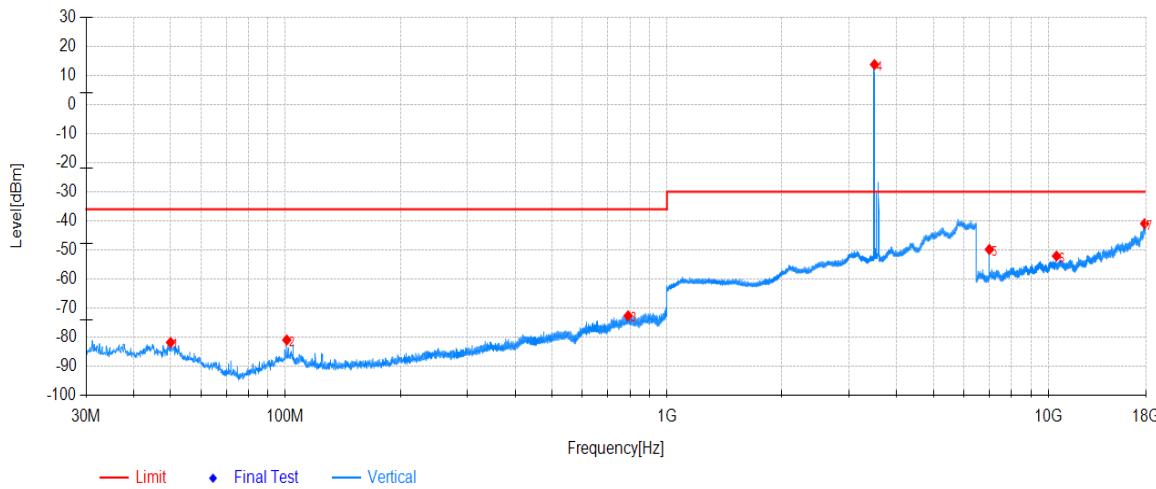
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 50.37       | -70.36        | -81.33      | -36.00      | 45.33       | -10.97      | Vertical |
| 2         | 100.82      | -68.48        | -81.63      | -36.00      | 45.63       | -13.15      | Vertical |
| 3         | 798.12      | -72.04        | -71.30      | -36.00      | 35.30       | 0.74        | Vertical |
| 4         | 3700.91     | -5.97         | 12.52       | -           | -           | 18.49       | Vertical |
| 5         | 7402.01     | -57.83        | -47.84      | -30.00      | 17.84       | 9.99        | Vertical |
| 6         | 13524.82    | -69.56        | -50.75      | -30.00      | 20.75       | 18.81       | Vertical |
| 7         | 17894.96    | -69.60        | -40.82      | -30.00      | 10.82       | 28.78       | Vertical |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA MIMO         | Band:     | n78          |
| Bandwidth:          | 100MHz          | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 41.25       | -69.89        | -81.23      | -36.00      | 45.23       | -11.34      | Horizontal |
| 2         | 417.94      | -72.35        | -79.38      | -36.00      | 43.38       | -7.03       | Horizontal |
| 3         | 820.44      | -72.86        | -72.66      | -36.00      | 36.66       | 0.20        | Horizontal |
| 4         | 3500.98     | 0.70          | 18.37       | -           | -           | 17.67       | Horizontal |
| 5         | 7001.80     | -60.66        | -52.22      | -30.00      | 22.22       | 8.44        | Horizontal |
| 6         | 13545.52    | -69.28        | -50.13      | -30.00      | 20.13       | 19.15       | Horizontal |
| 7         | 17892.28    | -70.23        | -41.75      | -30.00      | 11.75       | 28.48       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA MIMO         | Band:     | n78          |
| Bandwidth:          | 100MHz          | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

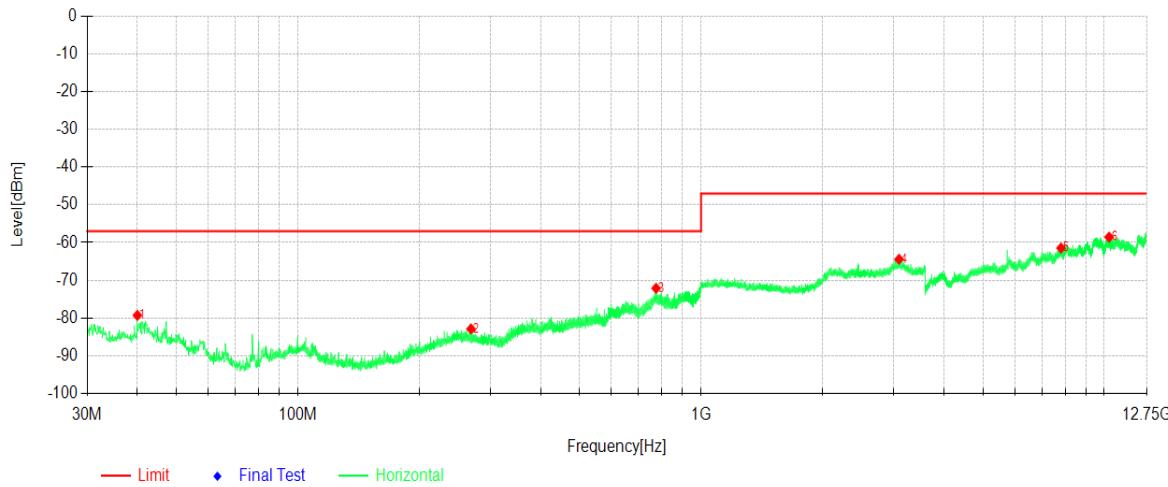
| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 49.98       | -71.02        | -81.85      | -36.00      | 45.85       | -10.83      | Vertical |
| 2         | 100.82      | -67.84        | -80.99      | -36.00      | 44.99       | -13.15      | Vertical |
| 3         | 791.14      | -73.21        | -72.69      | -36.00      | 36.69       | 0.52        | Vertical |
| 4         | 3500.98     | -3.80         | 13.77       | -           | -           | 17.57       | Vertical |
| 5         | 7002.18     | -58.07        | -49.84      | -30.00      | 19.84       | 8.23        | Vertical |
| 6         | 10502.52    | -66.75        | -52.12      | -30.00      | 22.12       | 14.63       | Vertical |
| 7         | 17882.31    | -69.39        | -40.97      | -30.00      | 10.97       | 28.42       | Vertical |

## Radiated Emissions Idle mode

### Test Results WCDMA (Worst case)

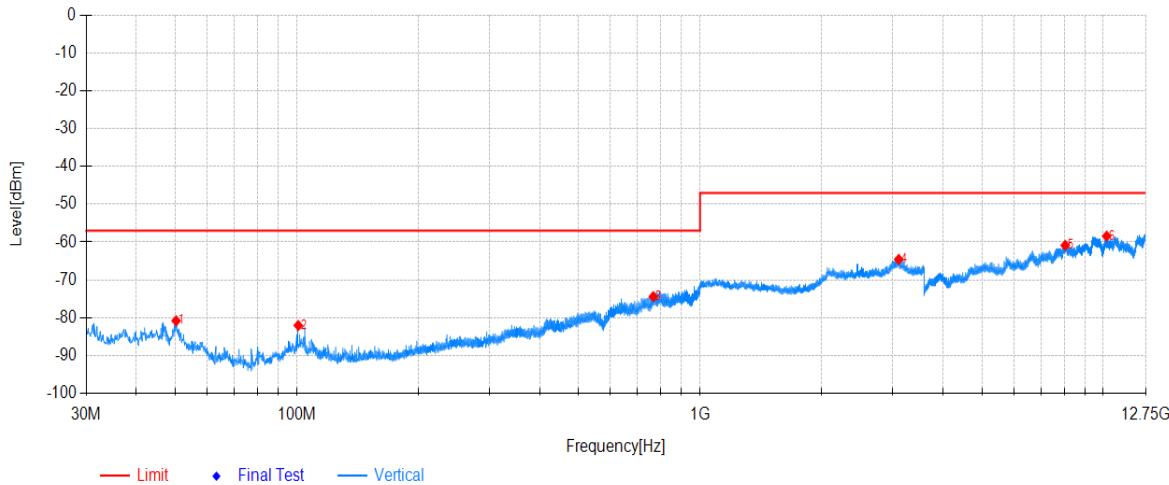
| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | WCDMA           | Band:     | I            |
| Bandwidth:          | -               | Channel:  | 9750         |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

#### Test Graph



| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 39.99       | -68.00        | -79.30      | -57.00      | 22.30       | -11.30      | Horizontal |
| 2         | 268.74      | -72.26        | -82.89      | -57.00      | 25.89       | -10.63      | Horizontal |
| 3         | 773.68      | -73.38        | -72.12      | -57.00      | 15.12       | 1.26        | Horizontal |
| 4         | 3098.23     | -61.17        | -64.43      | -47.00      | 17.43       | -3.26       | Horizontal |
| 5         | 7815.23     | -71.68        | -61.46      | -47.00      | 14.46       | 10.22       | Horizontal |
| 6         | 10283.20    | -73.07        | -58.55      | -47.00      | 11.55       | 14.52       | Horizontal |

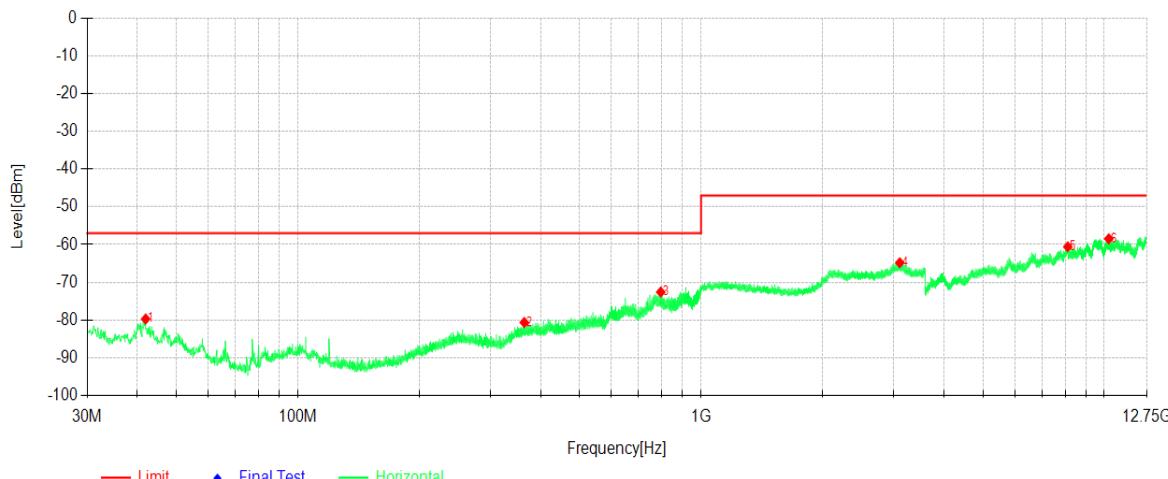
| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | WCDMA           | Band:     | I            |
| Bandwidth:          | -               | Channel:  | 9750         |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 50.18       | -69.94        | -80.84      | -57.00      | 23.84       | -10.90      | Vertical |
| 2         | 100.82      | -68.92        | -82.07      | -57.00      | 25.07       | -13.15      | Vertical |
| 3         | 765.72      | -74.48        | -74.45      | -57.00      | 17.45       | 0.03        | Vertical |
| 4         | 3109.98     | -61.60        | -64.60      | -47.00      | 17.60       | -3.00       | Vertical |
| 5         | 8048.67     | -71.83        | -60.87      | -47.00      | 13.87       | 10.96       | Vertical |
| 6         | 10196.64    | -72.52        | -58.42      | -47.00      | 11.42       | 14.10       | Vertical |

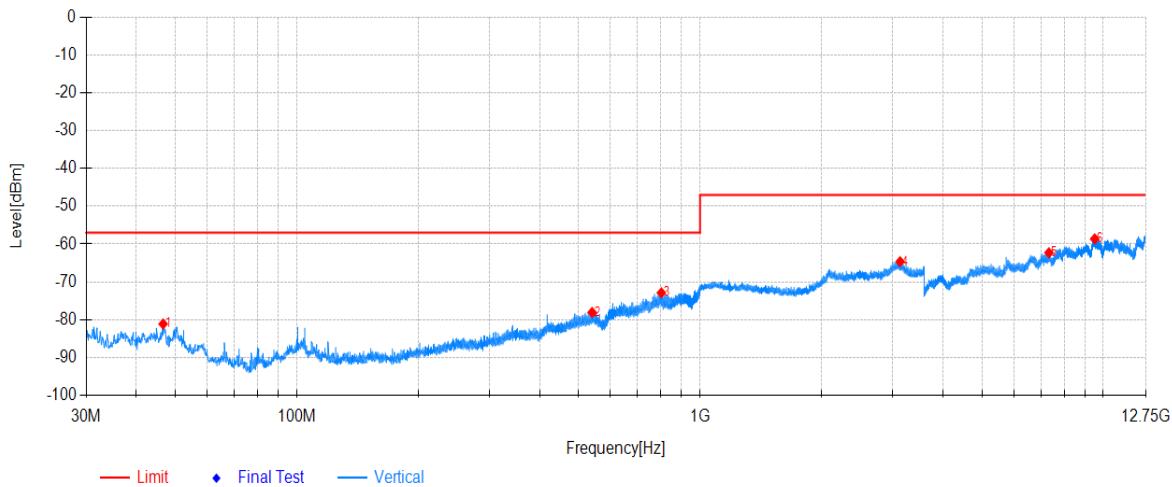
**Test Results LTE (Worst case)**

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B1           |
| Bandwidth:          | 20MHz           | Channel:  | 18300        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 41.93       | -68.38        | -79.74      | -57.00      | 22.74       | -11.36      | Horizontal |
| 2         | 364.39      | -72.34        | -80.66      | -57.00      | 23.66       | -8.32       | Horizontal |
| 3         | 794.44      | -73.12        | -72.59      | -57.00      | 15.59       | 0.53        | Horizontal |
| 4         | 3110.37     | -61.55        | -64.81      | -47.00      | 17.81       | -3.26       | Horizontal |
| 5         | 8121.91     | -71.35        | -60.59      | -47.00      | 13.59       | 10.76       | Horizontal |
| 6         | 10267.53    | -72.93        | -58.46      | -47.00      | 11.46       | 14.47       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | LTE             | Band:     | B1           |
| Bandwidth:          | 20MHz           | Channel:  | 18300        |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 46.59       | -69.96        | -81.15      | -57.00      | 24.15       | -11.19      | Vertical |
| 2         | 539.98      | -73.62        | -78.08      | -57.00      | 21.08       | -4.46       | Vertical |
| 3         | 801.81      | -73.69        | -72.90      | -57.00      | 15.90       | 0.79        | Vertical |
| 4         | 3135.05     | -61.54        | -64.65      | -47.00      | 17.65       | -3.11       | Vertical |
| 5         | 7334.64     | -71.87        | -62.31      | -47.00      | 15.31       | 9.56        | Vertical |
| 6         | 9524.13     | -72.14        | -58.63      | -47.00      | 11.63       | 13.51       | Vertical |

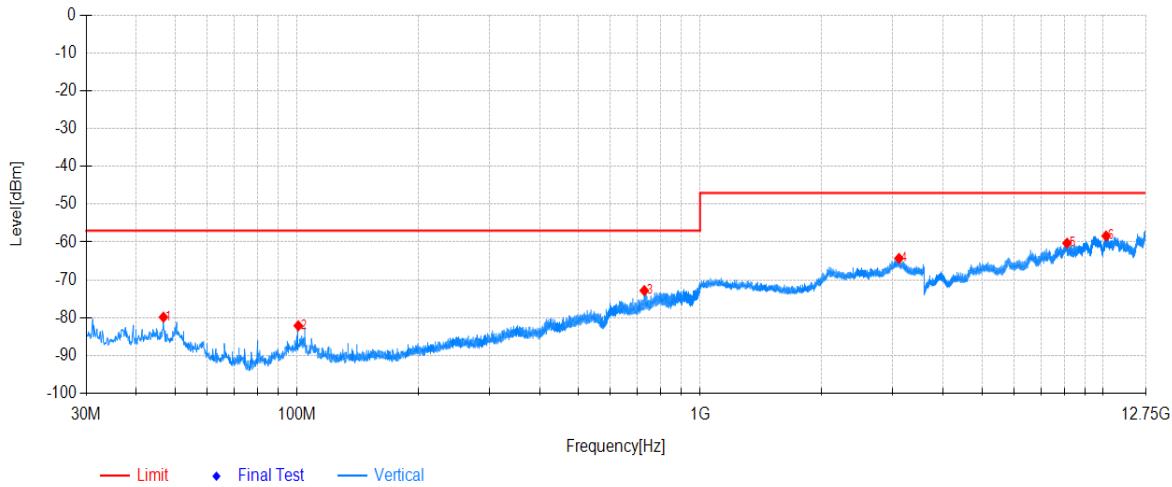
**Test Results NR (Worst case)**

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n1           |
| Bandwidth:          | 40MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

| Data List |             |               |             |             |             |             |            |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|------------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity   |
| 1         | 39.80       | -69.16        | -80.45      | -57.00      | 23.45       | -11.29      | Horizontal |
| 2         | 254.48      | -72.80        | -82.75      | -57.00      | 25.75       | -9.95       | Horizontal |
| 3         | 764.75      | -73.30        | -72.78      | -57.00      | 15.78       | 0.52        | Horizontal |
| 4         | 3140.92     | -61.02        | -64.34      | -47.00      | 17.34       | -3.32       | Horizontal |
| 5         | 8048.28     | -70.98        | -60.22      | -47.00      | 13.22       | 10.76       | Horizontal |
| 6         | 9478.30     | -72.00        | -58.52      | -47.00      | 11.52       | 13.48       | Horizontal |

| Project Information |                 |           |              |
|---------------------|-----------------|-----------|--------------|
| Mode:               | SA              | Band:     | n1           |
| Bandwidth:          | 40MHz           | Channel:  | MID          |
| IMEI:               | 863174060029047 | Engineer: | Zhang Weizhi |
| Remark:             |                 |           |              |

**Test Graph**

| Data List |             |               |             |             |             |             |          |
|-----------|-------------|---------------|-------------|-------------|-------------|-------------|----------|
| NO.       | Freq. [MHz] | Reading [dBm] | Level [dBm] | Limit [dBm] | Margin [dB] | Factor [dB] | Polarity |
| 1         | 46.69       | -68.72        | -79.89      | -57.00      | 22.89       | -11.17      | Vertical |
| 2         | 100.82      | -69.00        | -82.15      | -57.00      | 25.15       | -13.15      | Vertical |
| 3         | 727.60      | -72.14        | -72.84      | -57.00      | 15.84       | -0.70       | Vertical |
| 4         | 3115.46     | -61.30        | -64.33      | -47.00      | 17.33       | -3.03       | Vertical |
| 5         | 8134.84     | -71.02        | -60.29      | -47.00      | 13.29       | 10.73       | Vertical |
| 6         | 10164.13    | -72.29        | -58.37      | -47.00      | 11.37       | 13.92       | Vertical |

~The End~