# FCC TEST REPORT

# (PART 90)

| | |
|---|---|
| Applicant: | Sonim Technologies, Inc. |
| Address: | 6836 Bee Cave Road, Building 1, Suite 279, Austin, Texas 78746, USA |

| | |
|---|---|
| Manufacturer or Supplier: | Sonim Technologies (Shenzhen) Limited |
| Address: | 2nd Floor, No. 2 Building Phase B, Daqian Industrial park, Longchang Road, 67 District, Baoan, Shenzhen, P. R. China |
| Product: | Mobile Phone |
| Brand Name: | Sonim |
| Model Name: | XP8800 |
| FCC ID: | WYPPG4032 |
| Date of tests: | Jul. 01, 2020 ~ Jul. 08, 2020 |

The tests have been carried out according to the requirements of the following standard:

☒ **FCC Part 90, Subpart R, S** ☒ **ANSI/TIA/EIA-603- D**
☒ **FCC Part 2** ☒ **ANSI/TIA/EIA-603-E** ☒ **ANSI C63.26-2015**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

| Prepared by Roger Li<br>Engineer / Mobile Department | Approved by Sam Tung<br>Manager / Mobile Department |
|---|---|
| Alex<br>Date: Jul. 23, 2020 | Luke Lu<br>Date: Jul. 23, 2020 |

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# RELEASE CONTROL RECORD

| ISSUE NO. | REASON FOR CHANGE | DATE ISSUED |
|---|---|---|
| RF171017C11A-1 | Original release | Oct. 24, 2019 |
| RF200702W001-11 | Based on the original report RF171017C11A-1.add a new charger, update SW version, change the address and add two type numbers | Jul. 23, 2020 |

# 1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

| APPLIED STANDARD: FCC Part 90 & Part 2 | | | |
|---|---|---|---|
| **STANDARD SECTION** | **TEST TYPE AND LIMIT** | **RESULT** | **REMARK** |
| 2.1046<br>90.635(b)<br>90.542(a)(7) | Maximum Peak Output Power | N.A | See note 1 |
| 2.1055<br>90.213<br>90.539 | Frequency Stability | N.A | See note 1 |
| 2.1049<br>90.209 | Occupied Bandwidth | N.A | See note 1 |
| 90.635<br>90.542 | Peak to average ratio | N.A | See note 1 |
| 2.1051<br>90.691<br>90.543 | Emission Masks | N.A | See note 1 |
| 2.1051<br>90.691<br>90.543 | Conducted Spurious Emissions | N.A | See note 1 |
| 2.1053<br>90.691<br>90.543 | Radiated Spurious Emissions | Compliance | Meet the requirement of limit. |

Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01.
Note:

1、 Per the change notice provide by manufactory, the difference is add a new charger and two type numbers，and change the address and SW version, all the change no effect any RF parameter, Therefore only verify the radiated emission and show the verify test data on this report.

## 1.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in ETSI TR 100 028-1 V1.4.1(2001-12):

| MEASUREMENT | UNCERTAINTY |
|---|---|
| Effective Radiated Power | ±2.35dB |
| Frequency Stability | ±76.97Hz |
| Radiated emissions & Radiated Power (30MHz~1GMHz) | ±4.98dB |
| Radiated emissions & Radiated Power (1GMHz ~6GMHz) | ±4.70dB |
| Radiated emissions (6GMHz ~18GMHz) | ±4.60dB |
| Radiated emissions (18GMHz ~40GMHz) | ±4.12dB |
| Conducted emissions | ±4.01dB |
| Occupied Channel Bandwidth | ±43.58KHz |
| Band Edge Measurements | ±4.70dB |

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

## 1.2 TEST SITE AND INSTRUMENTS

| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|---|---|---|---|---|---|
| MXE EMI Receiver | KEYSIGHT | N9038A-544 | MY54450026 | Feb. 26,20 | Feb. 25,21 |
| EXA Signal Analyzer | KEYSIGHT | N9010A-526 | MY54510322 | Feb. 26,20 | Feb. 25,21 |
| Bilog Antenna | ETS-LINDGREN | 3143B | 00161965 | Feb. 26,20 | Feb. 25,21 |
| Horn Antenna (1GHz-18GHz) | ETS-LINDGREN | 3117 | 00168692 | Nov. 30, 19 | Nov. 29, 20 |
| Horn Antenna (18GHz-40GHz) | N/A | QWH-SL-18-40-K-SG/QMS-00361 | 15433 | Nov. 21, 19 | Nov. 20, 20 |
| Radio Communication Analyzer | ANRITSU | MT8820C | 6201465426 | Feb. 26,20 | Feb. 25,21 |
| Signal Pre-Amplifier | EMSI | EMC 9135 | 980249 | Jun. 02,20 | Jun. 01,21 |
| Signal Pre-Amplifier | EMSI | EMC 012645B | 980257 | Jun. 02,20 | Jun. 01,21 |
| Signal Pre-Amplifier | EMSI | EMC 184045B | 980259 | Apr. 30,20 | Apr. 29,21 |
| 3m Semi-anechoic Chamber | ETS-LINDGREN | 9m*6m*6m | Euroshieldpn-CT0001143-1216 | Feb. 26,20 | Feb. 25,21 |
| Test Software | E3 | V 9.160323 | N/A | N/A | N/A |
| Test Software | ADT | ADT_Radiated_V7.6.15.9.2 | N/A | N/A | N/A |
| 10dB Attenuator | JFW/USA | 50HF-010-SMA | 1505 | Jun. 03,20 | Jun. 02,21 |
| Power Meter | Anritsu | ML2495A | 1506002 | Feb. 26,20 | Feb. 25,21 |
| Power Sensor | Anritsu | MA2411B | 1339352 | Feb. 26,20 | Feb. 25,21 |
| Humid & Temp Programmable Tester | Juyi | ITH-120-45-CP-AR | IAA1504-001 | Jun. 02,20 | Jun. 01,21 |
| MXG Analog Microvave Signal Generator | KEYSIGHT | N5183A | MY50143024 | Feb. 26,20 | Feb. 25,21 |
| Power Divider | MCLI/USA | PS2-15 | 24880 | N/A | N/A |

**NOTE:** 1. The calibration interval of the above test instruments is 12 months or 24 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

2. The test was performed in 3m Semi-anechoic Chamber and RF Oven Room.

3. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.

4. The FCC Site Registration No. is 525120; The Designation No. is CN1171.

# 2 GENERAL INFORMATION

## 2.1 GENERAL DESCRIPTION OF EUT

| | | |
|---|---|---|
| **EUT** | Mobile Phone | |
| **BRAND NAME** | Sonim | |
| **MODEL NAME** | XP8800 | |
| **TYPE NUMBER** | PG4032/PG4033/PG4034/PG4035/PG4012/PG4041/PG4022/ PG4011/PG4061 | |
| **POWER SUPPLY** | 5/9Vdc (adapter or host equipment)<br>3.85Vdc (Li-ion, battery) | |
| **MODULATION TECHNOLOGY** | **LTE** | QPSK, 16QAM, 64QAM |
| **FREQUENCY RANGE** | **LTE Band 14 (Channel Bandwidth: 5MHz)** | 790.5MHz ~ 795.5 MHz |
| | **LTE Band 14 (Channel Bandwidth: 10MHz)** | 793 MHz |
| | **LTE Band 26 (Channel Bandwidth: 1.4MHz)** | 814.7MHz ~ 823.3MHz |
| | **LTE Band 26 (Channel Bandwidth: 3MHz)** | 815.5MHz ~ 822.5MHz |
| | **LTE Band 26 (Channel Bandwidth: 5MHz)** | 816.5MHz ~ 821.5MHz |
| | **LTE Band 26 (Channel Bandwidth: 10MHz)** | 819MHz |
| **EMISSION DESIGNATOR** | **LTE Band 14 (Channel Bandwidth: 5MHz)** | 4M50W7D |
| | **LTE Band 14 (Channel Bandwidth: 10MHz)** | 8M99W7D |
| | **LTE Band 26 (Channel Bandwidth: 1.4MHz)** | 1M09W7D |
| | **LTE Band 26 (Channel Bandwidth: 3MHz)** | 2M70G7D |
| | **LTE Band 26 (Channel Bandwidth: 5MHz)** | 4M50W7D |
| | **LTE Band 26 (Channel Bandwidth: 10MHz)** | 8M97W7D |

| | | |
|---|---|---|
| **MAX. ERP POWER** | **LTE Band 14 (Channel Bandwidth: 5MHz)** | 41.98 mw |
| | **LTE Band 14 (Channel Bandwidth: 10MHz)** | 41.30 mw |
| | **LTE Band 26 (Channel Bandwidth: 1.4MHz)** | 51.29 mw |
| | **LTE Band 26 (Channel Bandwidth: 3MHz)** | 50.70 mw |
| | **LTE Band 26 (Channel Bandwidth: 5MHz)** | 51.52 mw |
| | **LTE Band 26 (Channel Bandwidth: 10MHz)** | 52.00 mw |
| **ANTENNA TYPE** | Fixed Internal antenna with -3dBi gain | |
| **HW VERSION** | A | |
| **SW VERSION** | 8A.0.0-00-10.0.0-00.34.01 | |
| **I/O PORTS** | Refer to user's manual | |

**NOTE**:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. The EUT was powered by the following adapter(original):

| **ADAPTER 1**(original) | |
|---|---|
| **BRAND:** | Sonim |
| **MODEL:** | S42A02 |
| **INPUT:** | AC 100-240V, 500mA |
| **OUTPUT:** | DC 5V, 1500mA<br>DC 9V, 1500mA<br>DC 12V,1100mA |

| **ADAPTER 2(**add**)** | |
|---|---|
| **BRAND:** | Sonim |
| **MODEL:** | S84A02 |
| **INPUT:** | AC 100-240V, 750mA |
| **OUTPUT:** | DC 5V, 3000mA<br>DC 9V, 2220mA<br>DC 12V,1670mA |

3. The EUT matched the following USB cables:

| **USB CABLE 1** | |
|---|---|
| **BRAND:** | N/A |
| **MODEL:** | N/A |
| **SIGNAL LINE:** | 1.5 METER |

| **USB CABLE 2** | |
|---|---|
| **BRAND:** | N/A |
| **MODEL:** | N/A |
| **SIGNAL LINE:** | 1.0 METER |

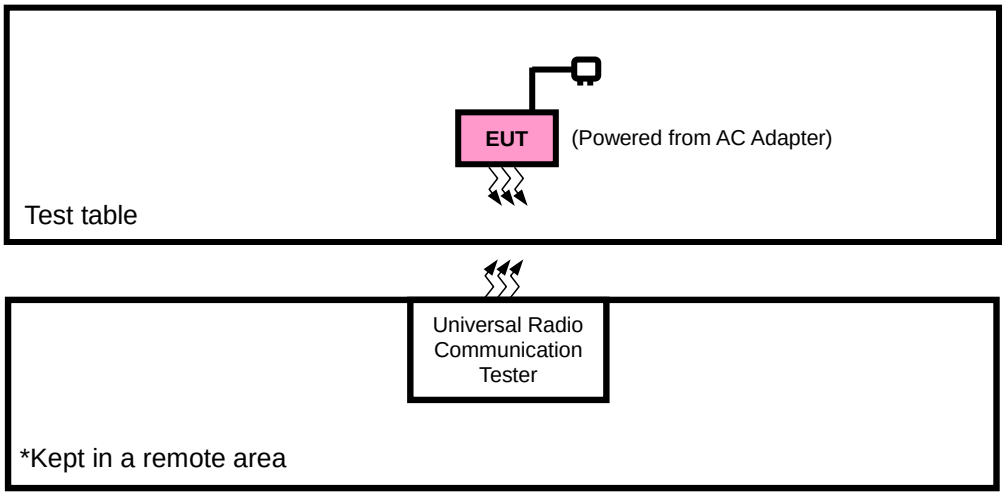
4. The EUT incorporates a SISO function. Physically, the EUT provides one completed transmitter and one receiver.

| MODULATION MODE | TX FUNCTION |
|---|---|
| **LTE** | 1TX/1RX diversity |

5. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.

## 2.2 CONFIGURATION OF SYSTEM UNDER TEST

### FOR RADIATION EMISSION TEST



## 2.3 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| NO. | PRODUCT | BRAND | MODEL NO. | SERIAL NO. | FCC ID |
|---|---|---|---|---|---|
| 1 | DC source | LONG WEI | PS-6403D | 010934269 | N/A |

| NO. | SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS |
|---|---|
| 1 | DC Line: Unshielded, Detachable 1.8m |

**NOTE:**
1. All power cords of the above support units are non shielded (1.8m).

## 2.4 DESCRIPTION OF TEST MODES

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports The worst case in ERP/EIRP and radiated emission was found when positioned on X-plane for LTE. Following channel(s) was (were) selected for the final test as listed below:

| EUT CONFIGURE MODE | DESCRIPTION |
|---|---|
| **A** | **EUT + Adapter + USB Cable with LTE link** |
| B | EUT + Battery with **LTE link** |

**LTE BAND 14**

| EUT CONFIGURE MODE | TEST ITEM | AVAILABLE CHANNEL | TESTED CHANNEL | CHANNEL BANDWIDTH | MODULATION | MODE |
|---|---|---|---|---|---|---|
| A | RADIATED EMISSION | 23305 to 23355 | 23330 | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 23330 | 23330 | 10MHz | QPSK | 1 RB / 0 RB Offset |

**Note:** This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

**LTE BAND 26**

| EUT CONFIGURE MODE | TEST ITEM | AVAILABLE CHANNEL | TESTED CHANNEL | CHANNEL BANDWIDTH | MODULATION | MODE |
|---|---|---|---|---|---|---|
| A | RADIATED EMISSION | 26697 to 26783 | 26697, 26740, 26783 | 1.4MHz | QPSK | 1 RB / 0 RB Offset |
| | | 26705 to 26775 | 26740 | 3MHz | QPSK | 1 RB / 0 RB Offset |
| | | 26715 to 26765 | 26740 | 5MHz | QPSK | 1 RB / 0 RB Offset |
| | | 26740 | 26740 | 10MHz | QPSK | 1 RB / 0 RB Offset |

**Note:** This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

**TEST CONDITION:**

| TEST ITEM | ENVIRONMENTAL CONDITIONS | INPUT POWER | TESTED BY |
|---|---|---|---|
| RADIATED EMISSION | 23deg. C, 70%RH | DC 5/9V from adaptor | Jacky |

## 2.5 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

**FCC 47 CFR Part 2**

**FCC 47 CFR Part 90**

**ANSI/TIA/EIA-603-D**

**ANSI/TIA/EIA-603-E**

**ANSI C63.26-2015**

**NOTE:** All test items have been performed and recorded as per the above standards.

# 3 TEST TYPES AND RESULTS

## 3.1 RADIATED EMISSION MEASUREMENT

### 3.1.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 43 +10 log10(P) dB. The limit of emission equal to –13dBm

According to FCC part 90. 543(e) For operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.

(2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.

(3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.

(4) Compliance with the provisions of paragraphs (e)(1) and (2) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(5) Compliance with the provisions of paragraph (e)(3) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of 30 kHz may be employed.

According to FCC part 90. 543 (f) For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and −80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna

that is representative of the type that will be used with the equipment in normal operation.

### 3.1.2 TEST PROCEDURES

a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.

b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value” of step a. Record the power level of S.G

c. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.

d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.P.R power - 2.15dBi.

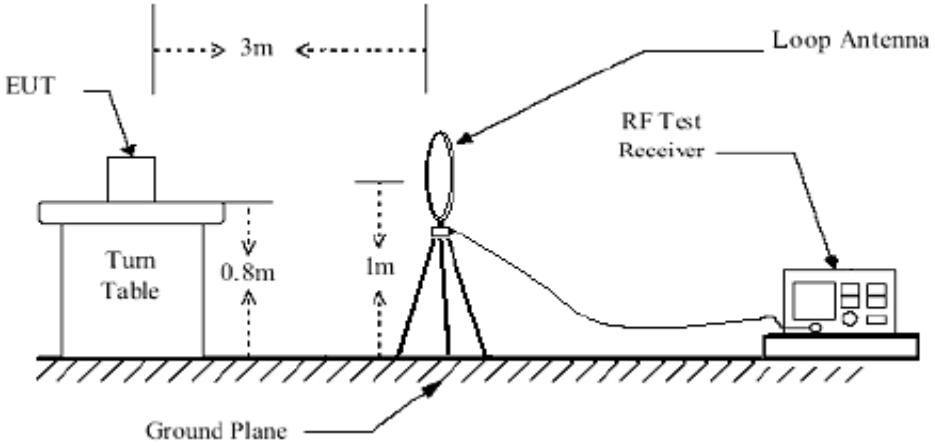
**NOTE:** The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

### 3.1.3 DEVIATION FROM TEST STANDARD

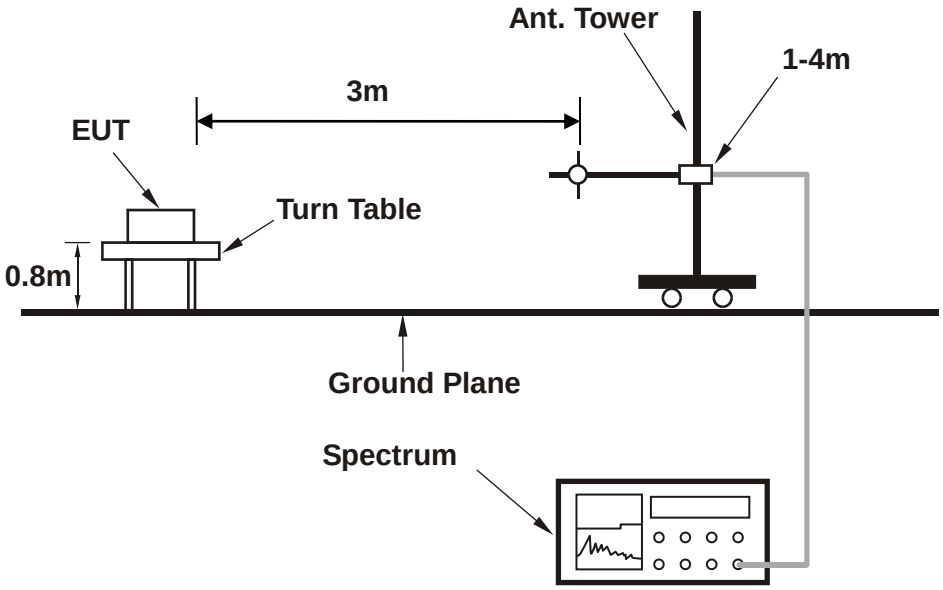
No deviation

## 3.1.4 TEST SETUP

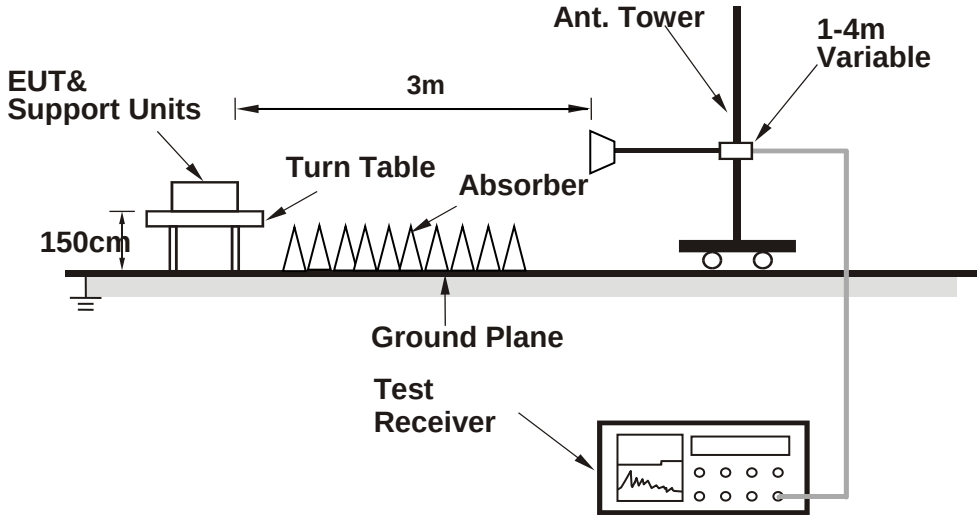
**<Below 30MHz>**




**< Frequency Range 30MHz~1GHz >**



**< Frequency Range above 1GHz >**




For the actual test configuration, please refer to the attached file (Test Setup Photo).

## 3.1.5 TEST RESULTS

**BELOW 1GHz WORST-CASE DATA**

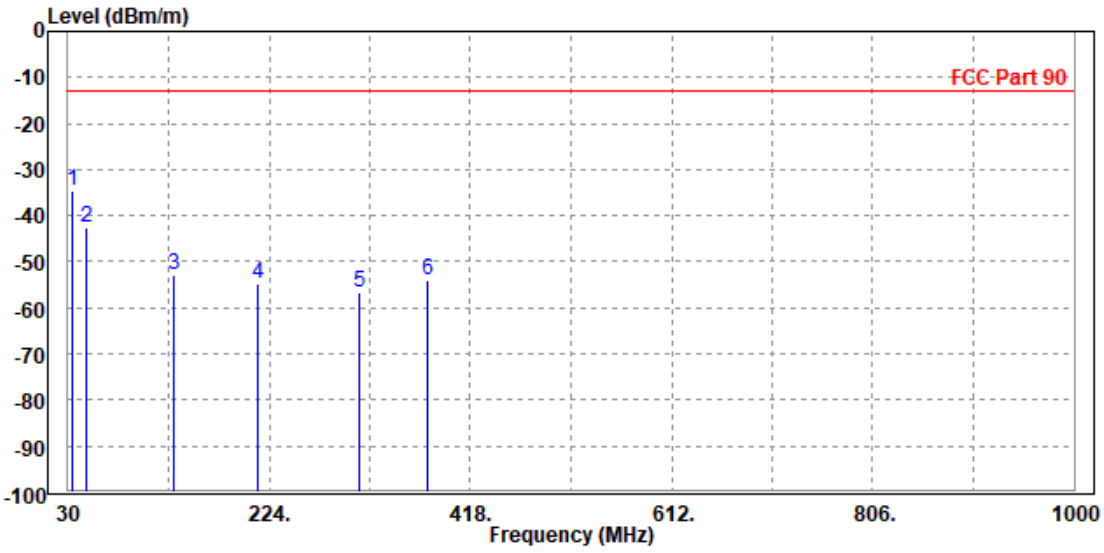
**9 KHz – 30 MHz data:** the amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

**30 MHz – 1GHz data:**

**LTE Band 14:**

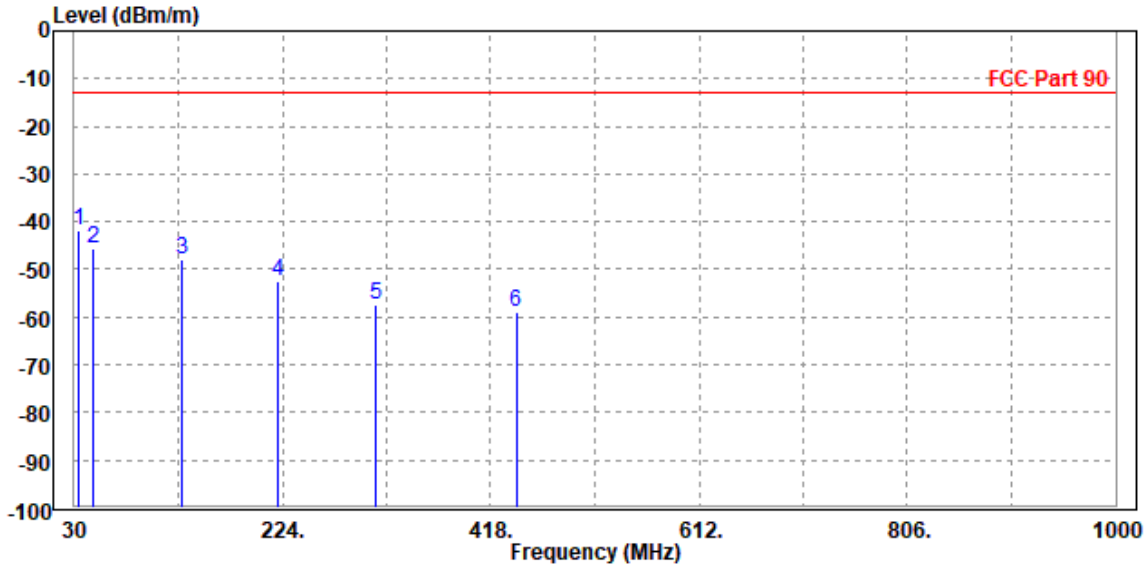
| MODE | TX channel 23330 | FREQUENCY RANGE | Below 1000MHz |
|---|---|---|---|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | DC 5/9V from adapter |
| TESTED BY | Jacky Liu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 PP | 34.150 | -34.48 | -48.12 | -13.00 | -21.48 | 13.64 | Peak | Horizontal |
| 2 | 47.110 | -42.58 | -48.35 | -13.00 | -29.58 | 5.77 | Peak | Horizontal |
| 3 | 132.150 | -52.81 | -35.89 | -13.00 | -39.81 | -16.92 | Peak | Horizontal |
| 4 | 212.360 | -54.65 | -37.65 | -13.00 | -41.65 | -17.00 | Peak | Horizontal |
| 5 | 311.260 | -56.69 | -43.26 | -13.00 | -43.69 | -13.43 | Peak | Horizontal |
| 6 | 376.260 | -53.84 | -42.59 | -13.00 | -40.84 | -11.25 | Peak | Horizontal |



| MODE | TX channel 23330 | FREQUENCY RANGE | Below 1000MHz |
|---|---|---|---|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | DC 5/9V from adapter |
| TESTED BY | Jacky Liu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 PP | 34.150 | -41.84 | -41.65 | -13.00 | -28.84 | -0.19 | Peak | Vertical |
| 2 | 47.210 | -45.52 | -41.66 | -13.00 | -32.52 | -3.86 | Peak | Vertical |
| 3 | 130.260 | -47.84 | -36.58 | -13.00 | -34.84 | -11.26 | Peak | Vertical |
| 4 | 219.220 | -52.63 | -41.65 | -13.00 | -39.63 | -10.98 | Peak | Vertical |
| 5 | 310.260 | -57.52 | -46.26 | -13.00 | -44.52 | -11.26 | Peak | Vertical |
| 6 | 441.680 | -59.08 | -49.68 | -13.00 | -46.08 | -9.40 | Peak | Vertical |



## BELOW 1GHz WORST-CASE DATA

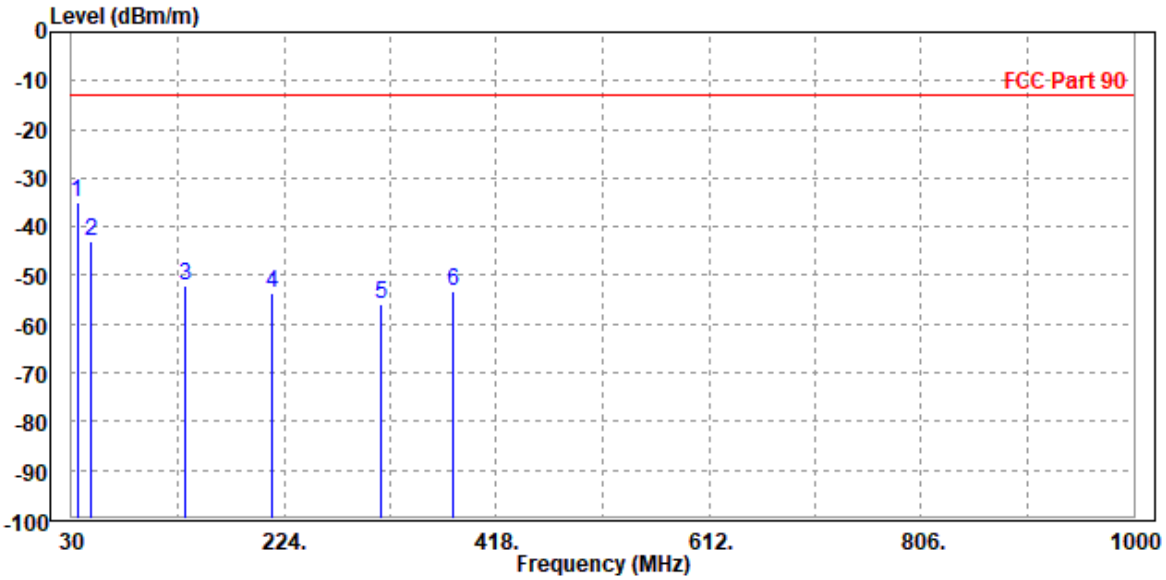
**9 KHz – 30 MHz data:** the amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

**30 MHz – 1GHz data**

**LTE Band 26:**

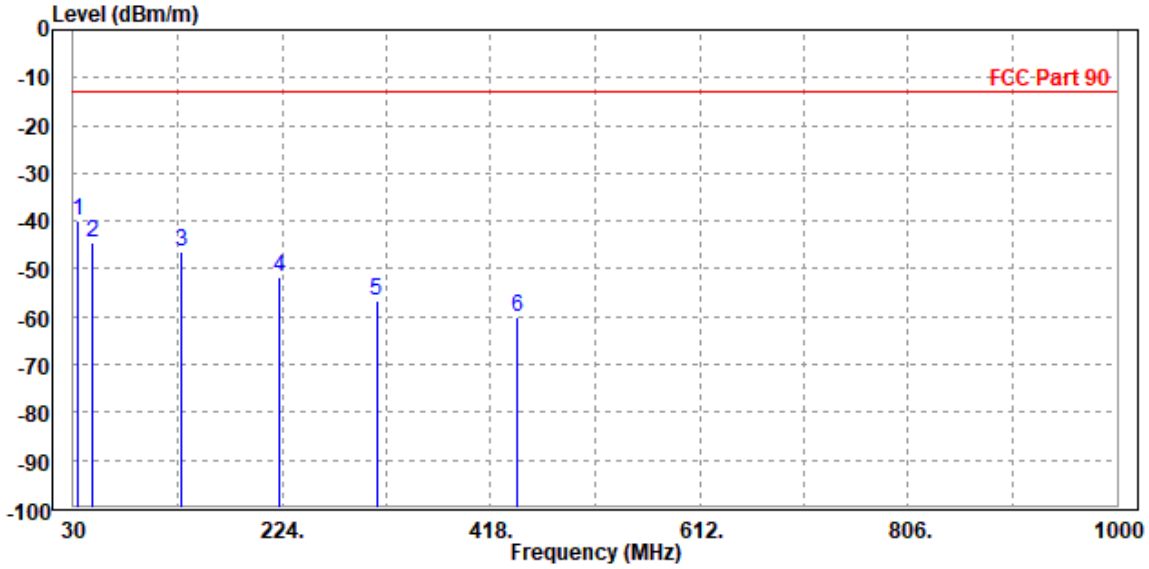
| MODE | TX channel 26740 | FREQUENCY RANGE | Below 1000MHz |
|---|---|---|---|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | DC 5/9V from adapter |
| TESTED BY | Jacky Liu | | |
| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 PP | 35.120 | -35.16 | -47.62 | -13.00 | -22.16 | 12.46 | Peak | Horizontal |
| 2 | 48.160 | -42.86 | -47.66 | -13.00 | -29.86 | 4.80 | Peak | Horizontal |
| 3 | 133.260 | -52.23 | -34.98 | -13.00 | -39.23 | -17.25 | Peak | Horizontal |
| 4 | 213.360 | -53.75 | -36.77 | -13.00 | -40.75 | -16.98 | Peak | Horizontal |
| 5 | 312.680 | -56.07 | -42.69 | -13.00 | -43.07 | -13.38 | Peak | Horizontal |
| 6 | 378.410 | -53.16 | -41.98 | -13.00 | -40.16 | -11.18 | Peak | Horizontal |



| MODE | TX channel 26740 | FREQUENCY RANGE | Below 1000MHz |
|---|---|---|---|
| ENVIRONMENTAL CONDITIONS | 23deg. C, 70%RH | INPUT POWER | DC 5/9V from adapter |
| TESTED BY | Jacky Liu | | |
| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | |

| | Freq | Level | Read Level | Limit Line | Over Limit | Factor | Remark | Pol/Phase |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBm/m | dBm | dBm/m | dB | dB/m | | |
| 1 PP | 33.450 | -39.91 | -40.65 | -13.00 | -26.91 | 0.74 | Peak | Vertical |
| 2 | 46.990 | -44.37 | -40.58 | -13.00 | -31.37 | -3.79 | Peak | Vertical |
| 3 | 129.754 | -46.47 | -35.28 | -13.00 | -33.47 | -11.19 | Peak | Vertical |
| 4 | 220.980 | -51.78 | -40.77 | -13.00 | -38.78 | -11.01 | Peak | Vertical |
| 5 | 311.740 | -56.51 | -45.26 | -13.00 | -43.51 | -11.25 | Peak | Vertical |
| 6 | 442.680 | -60.11 | -50.75 | -13.00 | -47.11 | -9.36 | Peak | Vertical |




## ABOVE 1GHz DATA

**Note:** For higher frequency, the emission is too low to be detected.

# 4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

# 5 INFORMATION ON THE TESTING LABORATORIES

We, BV 7LAYERS COMMUNICATIONS TECHNOLOGY (SHENZHEN) CO. LTD., were founded in 2015 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

**Shenzhen EMC/RF Lab**:
Tel: +86-755-88696566
Fax: +86-755-88696577

**Email:** customerservice.sw@cn.bureauveritas.com
**Web Site**: www.cps.bureauveritas.com

The address and road map of all our labs can be found in our web site also.

# 6 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

**---END---**