

# TEST REPORT

**Applicant:** Shenzhen Sunchip Technology Co., Ltd

**Address of Applicant:** 201-301, Building A4, No. 90, Dayang Road, FuYong town, Bao'an District, Shenzhen, China

**Manufacturer:** Shenzhen Sunchip Technology Co., Ltd

**Address of Manufacturer:** 201-301, Building A4, No. 90, Dayang Road, FuYong town, Bao'an District, Shenzhen, China

**Equipment Under Test (EUT)**

Product Name: Sunchip VR Mobile All-in-One

Model No.: V5K

**FCC ID:** 2ALNC-V5K

**Applicable standards:** FCC CFR Title 47 Part 15 Subpart B:2016

**Date of sample receipt:** March 16, 2017

**Date of Test:** March 17-23, 2017

**Date of report issued:** March 27, 2017

**Test Result :** PASS \*

\* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



**Robinson Lo**

**Laboratory Manager**

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

## 2 Version

| Version No. | Date           | Description |
|-------------|----------------|-------------|
| 00          | March 27, 2017 | Original    |
|             |                |             |
|             |                |             |
|             |                |             |
|             |                |             |

Prepared by:

*Bill. yuan*

Project Engineer

Date:

March 27, 2017

Reviewed by:

*Andy. wa*

Reviewer

Date:

March 27, 2017

## 3 Contents

|     |   |    |
|-----|---|----|
| 1   | COVER PAGE.....                             | 1  |
| 2   | VERSION.....                                | 2  |
| 3   | CONTENTS .....                              | 3  |
| 4   | TEST SUMMARY .....                          | 4  |
| 5   | GENERAL INFORMATION.....                    | 5  |
| 5.1 | GENERAL DESCRIPTION OF EUT .....            | 5  |
| 5.2 | TEST MODE AND TEST VOLTAGE .....            | 5  |
| 5.3 | DESCRIPTION OF SUPPORT UNITS .....          | 5  |
| 5.4 | DEVIATION FROM STANDARDS .....              | 5  |
| 5.5 | ABNORMALITIES FROM STANDARD CONDITIONS..... | 5  |
| 5.6 | TEST FACILITY.....                          | 6  |
| 5.7 | TEST LOCATION.....                          | 6  |
| 6   | TEST INSTRUMENTS LIST .....                 | 7  |
| 7   | TEST RESULTS AND MEASUREMENT DATA.....      | 8  |
| 7.1 | RADIATED EMISSION .....                     | 8  |
| 7.2 | CONDUCTED EMISSIONS .....                   | 14 |
| 8   | TEST SETUP PHOTO .....                      | 17 |
| 9   | EUT CONSTRUCTIONAL DETAILS .....            | 18 |

## 4 Test Summary

| Test Item          | Section in CFR 47 | Result |
|--------------------|-------------------|--------|
| Conducted Emission | Part15.107        | Pass   |
| Radiated Emissions | Part15.109        | Pass   |

*Pass: The EUT comply with the essential requirements in the standard.*

## 5 General Information

### 5.1 General Description of EUT

|               |   |
|---------------|---|
| Product Name: | Sunchip VR Mobile All-in-One  |
| Model No.:    | V5K   |
| Power supply: | Adapter:<br>Model: FLD0710-5.0V2.50A<br>Input voltage: AC 100-240V 50/60Hz 0.3A<br>Output voltage: DC5V 2.5A<br>Or<br>DC3.8V 4000mAh Li-ion Battery |

### 5.2 Test mode and Test voltage

|                      |                                       |
|----------------------|---------------------------------------|
| <b>Test mode:</b>    |                                       |
| SD card play mode    | Keep the EUT in SD card playing mode. |
| USB play mode        | Keep the EUT in USB playing mode.     |
| PC mode              | Keep the EUT in exchanging data mode. |
| <b>Test voltage:</b> |                                       |
| AC 120V/60Hz         |                                       |

### 5.3 Description of Support Units

|       |
|-------|
| None. |
|-------|

### 5.4 Deviation from Standards

| Manufacturer | Description | Model   | Serial Number |
|--------------|-------------|---------|---------------|
| Apple        | PC          | A1278   | C1MN99ERDTY3  |
| DELL         | KEYBOARD    | SK-8115 | N/A           |
| DELL         | MOUSE       | N/A     | N/A           |

### 5.5 Abnormalities from Standard Conditions

|       |
|-------|
| None. |
|-------|

## 5.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **FCC —Registration No.: 600491**

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. Registration 600491, June 22, 2016.

- **Industry Canada (IC) —Registration No.: 9079A-2**

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A-2, August 15, 2016

## 5.7 Test Location

The test was performed at:

Global United Technology Services Co., Ltd.

Address: No. 301-309, 3/F., Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Tel: 0755-27798480

Fax: 0755-27798960

## 6 Test Instruments list

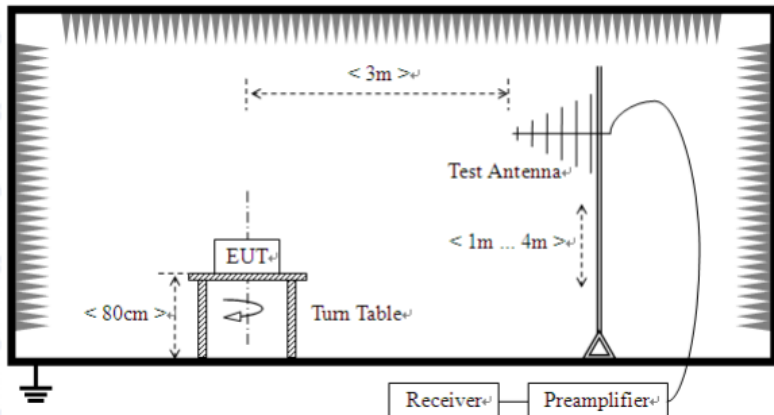
| Radiated Emission: |                            |                  |                       |               |                     |                         |
|--------------------|----------------------------|------------------|-----------------------|---------------|---------------------|-------------------------|
| Item               | Test Equipment             | Manufacturer     | Model No.             | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) |
| 1                  | 3m Semi- Anechoic Chamber  | ZhongYu Electron | 9.0(L)*6.0(W)* 6.0(H) | GTS250        | July. 03 2015       | July. 02 2020           |
| 2                  | Control Room               | ZhongYu Electron | 6.2(L)*2.5(W)* 2.4(H) | GTS251        | N/A                 | N/A                     |
| 3                  | ESU EMI Test Receiver      | R&S              | ESU26                 | GTS203        | June.29 2016        | June.28 2017            |
| 4                  | BiConiLog Antenna          | SCHWARZBECK      | VULB9163              | GTS214        | June.29 2016        | June.28 2017            |
| 5                  | Double-ridged horn antenna | SCHWARZBECK      | 9120D                 | GTS208        | June.29 2016        | June.28 2017            |
| 6                  | Horn Antenna               | ETS-LINDGREN     | 3160-09               | GTS218        | June.29 2016        | June.28 2017            |
| 7                  | RF Amplifier               | HP               | 8347A                 | GTS204        | June.29 2016        | June.28 2017            |
| 8                  | Broadband Preamplifier     | SCHWARZBECK      | BBV9718               | GTS535        | June.29 2016        | June.28 2017            |
| 9                  | EMI Test Software          | AUDIX            | E3                    | N/A           | N/A                 | N/A                     |
| 10                 | Coaxial Cable              | GTS              | N/A                   | GTS211        | June.29 2016        | June.28 2017            |
| 11                 | Coaxial Cable              | GTS              | N/A                   | GTS210        | June.29 2016        | June.28 2017            |
| 12                 | Coaxial Cable              | GTS              | N/A                   | GTS212        | June.29 2016        | June.28 2017            |
| 13                 | Thermo meter               | N/A              | N/A                   | GTS256        | June.29 2016        | June.28 2017            |

| Conducted Emission |                          |                  |                      |               |                     |                         |
|--------------------|--------------------------|------------------|----------------------|---------------|---------------------|-------------------------|
| Item               | Test Equipment           | Manufacturer     | Model No.            | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) |
| 1                  | Shielding Room           | ZhongYu Electron | 7.3(L)x3.1(W)x2.9(H) | GTS252        | May.16 2014         | May.15 2019             |
| 2                  | EMI Test Receiver        | R&S              | ESCI 7               | GTS552        | June. 29 2016       | June. 28 2017           |
| 3                  | Coaxial Switch           | ANRITSU CORP     | MP59B                | GTS225        | June. 29 2016       | June. 28 2017           |
| 4                  | Artificial Mains Network | SCHWARZBECK MESS | NSLK8127             | GTS226        | June. 29 2016       | June. 28 2017           |
| 5                  | Coaxial Cable            | GTS              | N/A                  | GTS227        | June. 29 2016       | June. 28 2017           |
| 6                  | EMI Test Software        | AUDIX            | E3                   | N/A           | N/A                 | N/A                     |
| 7                  | Thermo meter             | KTJ              | TA328                | GTS233        | June. 29 2016       | June. 28 2017           |

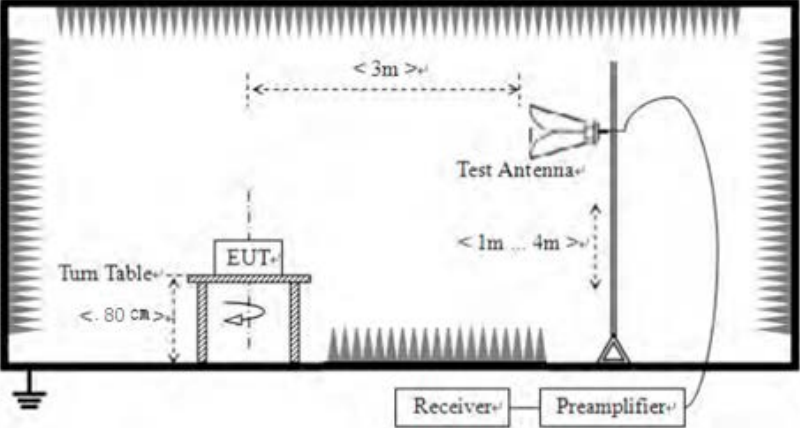
| General used equipment: |                |              |           |               |                     |                         |
|-------------------------|----------------|--------------|-----------|---------------|---------------------|-------------------------|
| Item                    | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Date (dd-mm-yy) | Cal.Due date (dd-mm-yy) |
| 1                       | Barometer      | ChangChun    | DYM3      | GTS257        | June. 29 2016       | June. 28 2017           |

## 7 Test Results and Measurement Data

### 7.1 Radiated Emission

|                       |   |            |                    |        |                  |
|-----------------------|---|------------|--------------------|--------|------------------|
| Test Requirement:     | FCC Part15 B Section 15.109   |            |                    |        |                  |
| Test Method:          | ANSI C63.4:2014   |            |                    |        |                  |
| Test Frequency Range: | 30MHz to 25000MHz   |            |                    |        |                  |
| Test site:            | Measurement Distance: 3m (Semi-Anechoic Chamber)  |            |                    |        |                  |
| Receiver setup:       | Frequency   | Detector   | RBW                | VBW    | Remark           |
|                       | 30MHz-1GHz  | Quasi-peak | 120kHz             | 300kHz | Quasi-peak Value |
|                       | Above 1GHz  | Peak       | 1MHz               | 3MHz   | Peak Value       |
|                       |   | Peak       | 1MHz               | 10Hz   | Average Value    |
| Limit:                | Frequency   |            | Limit (dBuV/m @3m) |        | Remark           |
|                       | 30MHz-88MHz   |            | 40.00              |        | Quasi-peak Value |
|                       | 88MHz-216MHz  |            | 43.50              |        | Quasi-peak Value |
|                       | 216MHz-960MHz   |            | 46.00              |        | Quasi-peak Value |
|                       | 960MHz-1GHz   |            | 54.00              |        | Quasi-peak Value |
|                       | Above 1GHz  |            | 54.00              |        | Average Value    |
|                       |   |            | 74.00              |        | Peak Value       |
| Test setup:           | Below 1GHz  |            |                    |        |                  |
|                       | <div></div> |            |                    |        |                  |
|                       | Above 1GHz  |            |                    |        |                  |

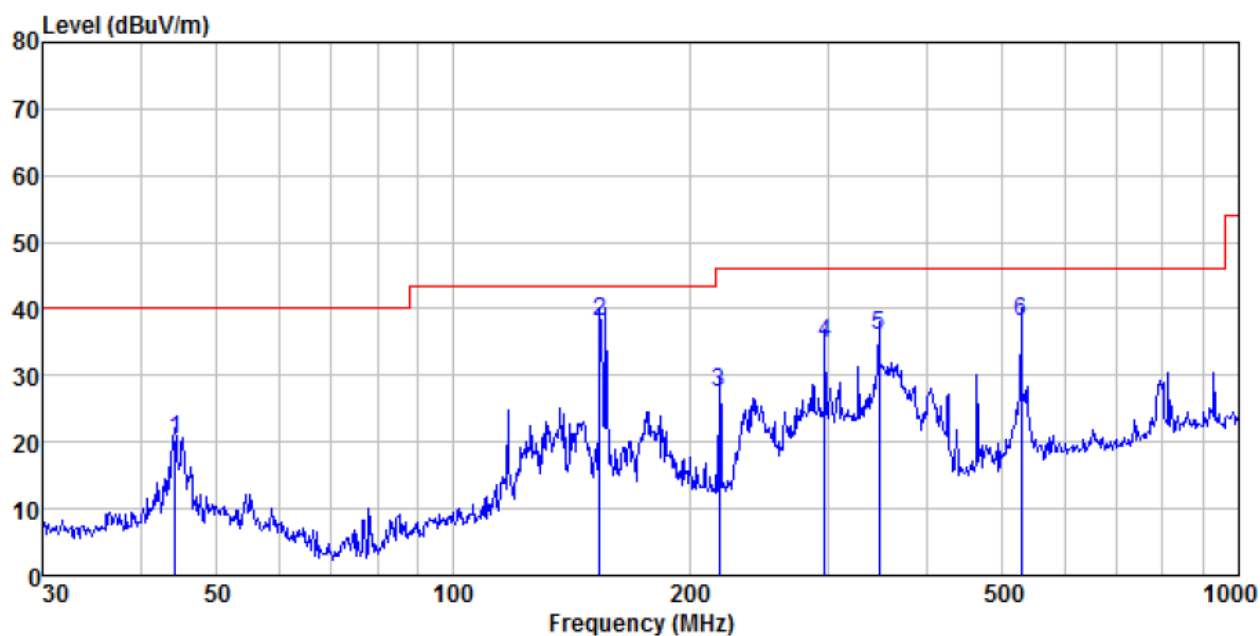


|                     |   |
|---------------------|---|
|                     |   |
| Test Procedure:     | <ol style="list-style-type: none"> <li>1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li> <li>4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</li> </ol> |
| Test environment:   | Temp.: 25 °C Humid.: 52% Press.: 1 012mbar  |
| Measurement Record: | Uncertainty: $\pm 4.50\text{dB}$  |
| Test Instruments:   | Refer to section 6 for details  |
| Test mode:          | Refer to section 5.2 for details, only show the worst case.   |
| Test results:       | Pass  |

## Measurement Data

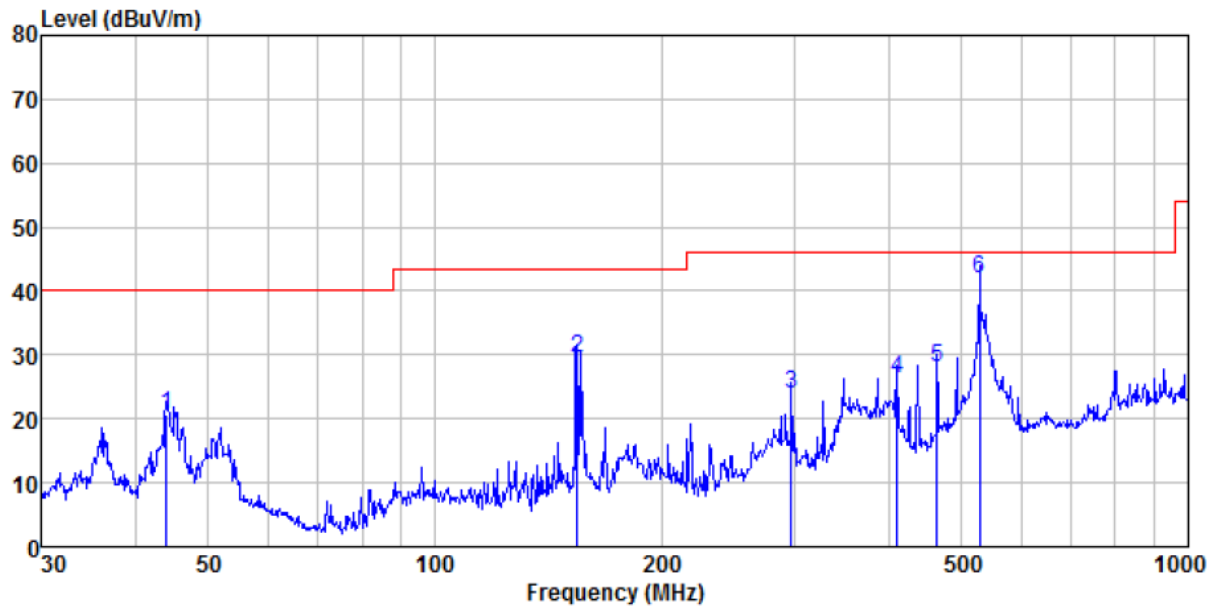
Below 1GHz

|            |         |                   |            |
|------------|---------|-------------------|------------|
| Test mode: | PC mode | Antenna Polarity: | Horizontal |
|------------|---------|-------------------|------------|



| Freq<br>MHz | Reading<br>level<br>dBuV | Antenna<br>factor<br>dB/m | Cable<br>loss<br>dB | Preamp<br>factor<br>dB | level<br>dBuV/m | Limit<br>level<br>dBuV/m | Over<br>limit<br>dB | Remark |
|-------------|--------------------------|---------------------------|---------------------|------------------------|-----------------|--------------------------|---------------------|--------|
| 44.275      | 37.34                    | 12.25                     | 0.71                | 30.02                  | 20.28           | 40.00                    | -19.72              | QP     |
| 153.739     | 58.05                    | 7.85                      | 1.59                | 29.39                  | 38.10           | 43.50                    | -5.40               | QP     |
| 218.309     | 44.13                    | 10.78                     | 1.95                | 29.38                  | 27.48           | 46.00                    | -18.52              | QP     |
| 297.224     | 49.01                    | 13.40                     | 2.35                | 29.99                  | 34.77           | 46.00                    | -11.23              | QP     |
| 348.027     | 48.73                    | 14.44                     | 2.61                | 29.75                  | 36.03           | 46.00                    | -9.97               | QP     |
| 528.246     | 45.87                    | 18.03                     | 3.43                | 29.30                  | 38.03           | 46.00                    | -7.97               | QP     |

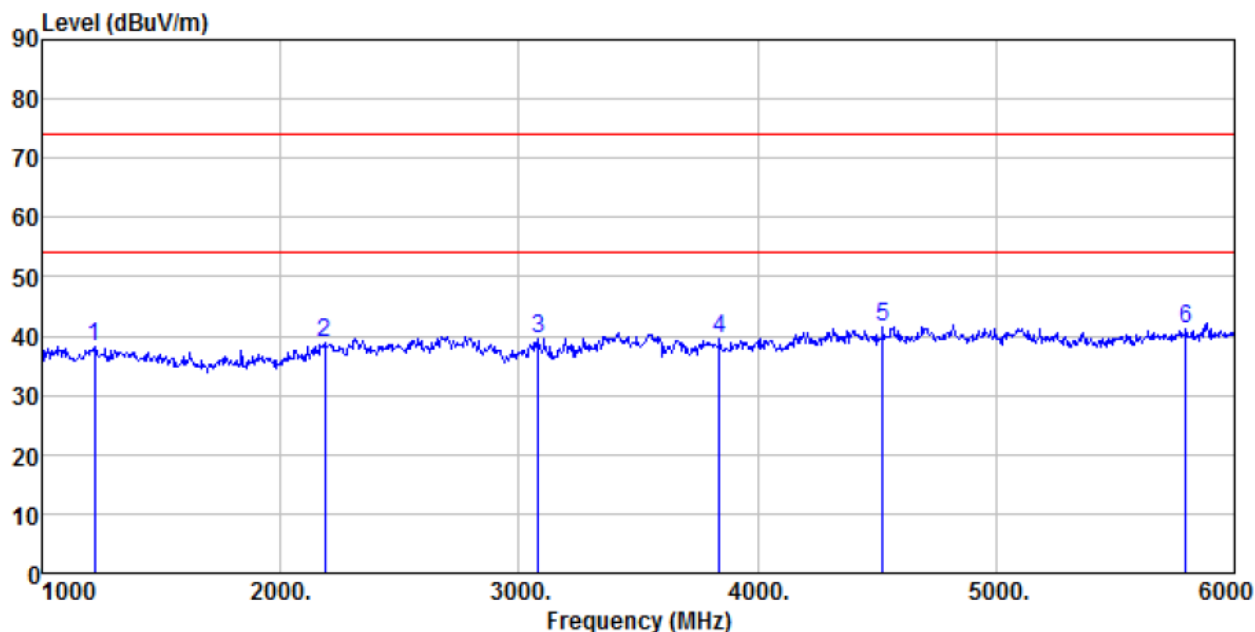
|            |         |                   |          |
|------------|---------|-------------------|----------|
| Test mode: | PC mode | Antenna Polarity: | Vertical |
|------------|---------|-------------------|----------|



| Freq<br>MHz | Reading<br>level<br>dBuV | Antenna<br>factor<br>dB/m | Cable<br>loss<br>dB | Preamp<br>factor<br>dB | level<br>dBuV/m | Limit<br>level<br>dBuV/m | Over<br>limit<br>dB | Remark |
|-------------|--------------------------|---------------------------|---------------------|------------------------|-----------------|--------------------------|---------------------|--------|
| 43.966      | 37.83                    | 12.25                     | 0.71                | 30.02                  | 20.77           | 40.00                    | -19.23              | QP     |
| 154.279     | 49.50                    | 7.85                      | 1.59                | 29.39                  | 29.55           | 43.50                    | -13.95              | QP     |
| 297.224     | 38.05                    | 13.40                     | 2.35                | 29.99                  | 23.81           | 46.00                    | -22.19              | QP     |
| 410.383     | 37.17                    | 15.68                     | 2.91                | 29.48                  | 26.28           | 46.00                    | -19.72              | QP     |
| 463.970     | 37.58                    | 16.77                     | 3.15                | 29.37                  | 28.13           | 46.00                    | -17.87              | QP     |
| 528.246     | 49.78                    | 18.03                     | 3.43                | 29.30                  | 41.94           | 46.00                    | -4.06               | QP     |

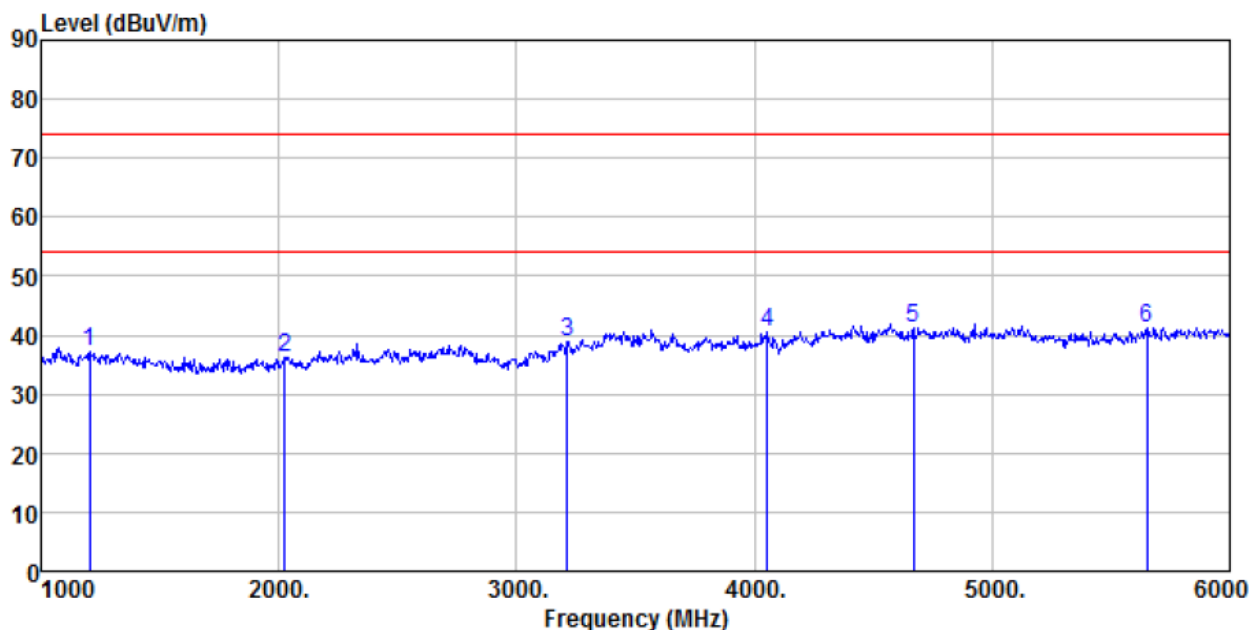
## Above 1GHz

|            |         |                   |            |
|------------|---------|-------------------|------------|
| Test mode: | PC mode | Antenna Polarity: | Horizontal |
|------------|---------|-------------------|------------|



| Freq<br>MHz | Reading<br>level<br>dBuV | Antenna<br>factor<br>dB/m | Cable<br>loss<br>dB | Preamp<br>factor<br>dB | level<br>dBuV/m | Limit<br>level<br>dBuV/m | Over<br>limit<br>dB | Remark |
|-------------|--------------------------|---------------------------|---------------------|------------------------|-----------------|--------------------------|---------------------|--------|
| 1220.000    | 41.39                    | 25.43                     | 4.48                | 33.13                  | 38.17           | 74.00                    | -35.83              | Peak   |
| 2185.000    | 40.25                    | 27.85                     | 5.17                | 34.25                  | 39.02           | 74.00                    | -34.98              | Peak   |
| 3080.000    | 38.12                    | 28.68                     | 6.10                | 33.24                  | 39.66           | 74.00                    | -34.34              | Peak   |
| 3840.000    | 34.77                    | 29.42                     | 7.60                | 32.36                  | 39.43           | 74.00                    | -34.57              | Peak   |
| 4525.000    | 33.62                    | 31.37                     | 8.36                | 31.95                  | 41.40           | 74.00                    | -32.60              | Peak   |
| 5795.000    | 31.03                    | 32.63                     | 9.93                | 32.25                  | 41.34           | 74.00                    | -32.66              | Peak   |

|            |         |                   |          |
|------------|---------|-------------------|----------|
| Test mode: | PC mode | Antenna Polarity: | Vertical |
|------------|---------|-------------------|----------|



| Freq<br>MHz | Reading<br>level<br>dBuV | Antenna<br>factor<br>dB/m | Cable<br>loss<br>dB | Preamp<br>factor<br>dB | level<br>dBuV/m | Limit<br>level<br>dBuV/m | Over<br>limit<br>dB | Remark |
|-------------|--------------------------|---------------------------|---------------------|------------------------|-----------------|--------------------------|---------------------|--------|
| 1205.000    | 40.50                    | 25.37                     | 4.47                | 33.10                  | 37.24           | 74.00                    | -36.76              | Peak   |
| 2025.000    | 39.50                    | 26.29                     | 4.99                | 34.44                  | 36.34           | 74.00                    | -37.66              | Peak   |
| 3215.000    | 36.92                    | 28.68                     | 6.39                | 33.08                  | 38.91           | 74.00                    | -35.09              | Peak   |
| 4055.000    | 34.85                    | 29.81                     | 7.92                | 32.11                  | 40.47           | 74.00                    | -33.53              | Peak   |
| 4670.000    | 33.01                    | 31.61                     | 8.48                | 32.02                  | 41.08           | 74.00                    | -32.92              | Peak   |
| 5650.000    | 31.58                    | 32.36                     | 9.72                | 32.34                  | 41.32           | 74.00                    | -32.68              | Peak   |

## Note:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

**Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor**

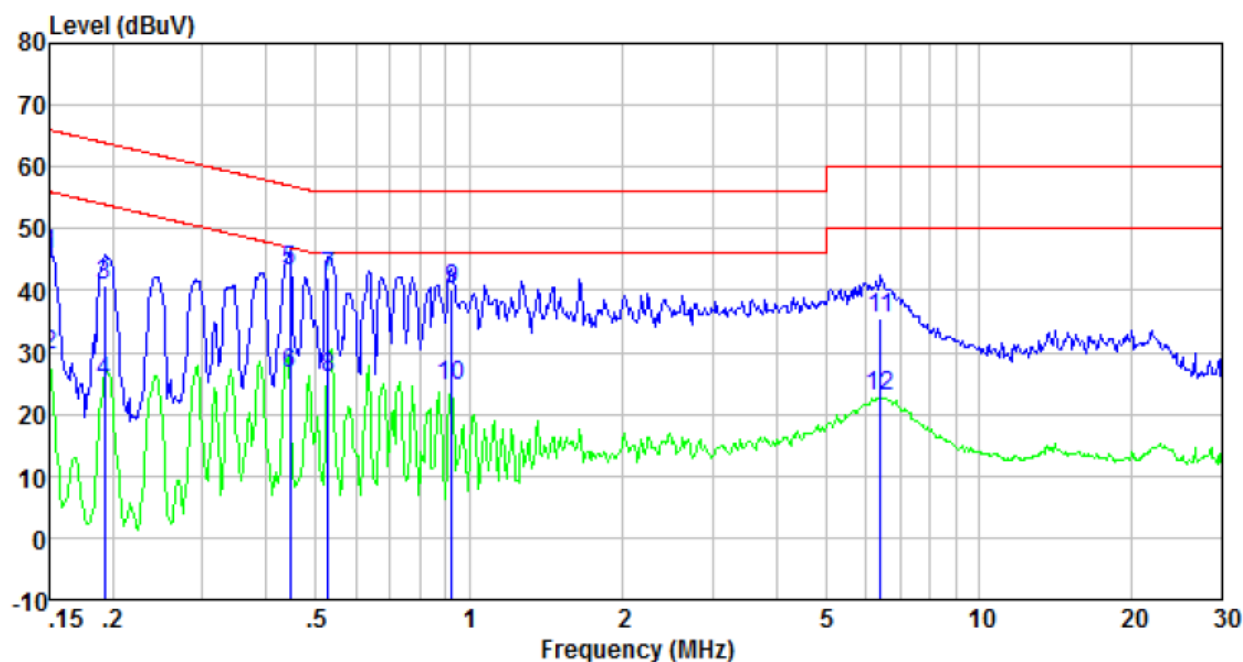
For above 6GHz , no emission found. Only report worse case from 30MHz to 6GHz.

## 7.2 Conducted Emissions

| Test Requirement:     | FCC Part15 B Section 15.107  |           |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
|-----------------------|--|-----------|---------|-----|---------|-----------------------|--------------|--|------------|---------|----------|-----------|-----------|-------|----|----|--------|----|----|
| Test Method:          | ANSI C63.4:2014  |           |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
| Test Frequency Range: | 150kHz to 30MHz  |           |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
| Class / Severity:     | Class B  |           |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
| Receiver setup:       | RBW=9kHz, VBW=30kHz  |           |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
| Limit:                | <table><tr><th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBμV)</th></tr><tr><th>Quasi-peak</th><th>Average</th></tr><tr><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr><tr><td>0.5-5</td><td>56</td><td>46</td></tr><tr><td>0.5-30</td><td>60</td><td>50</td></tr></table>   |           |         |     |         | Frequency range (MHz) | Limit (dBμV) |  | Quasi-peak | Average | 0.15-0.5 | 66 to 56* | 56 to 46* | 0.5-5 | 56 | 46 | 0.5-30 | 60 | 50 |
| Frequency range (MHz) | Limit (dBμV)   |           |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
|                       | Quasi-peak   | Average   |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
| 0.15-0.5              | 66 to 56*  | 56 to 46* |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
| 0.5-5                 | 56   | 46        |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
| 0.5-30                | 60   | 50        |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
| Test setup:           | <div><p style="text-align: center;"><b>Reference Plane</b></p><p style="text-align: center;">Test table/Insulation plane</p><p><i>Remark</i><br/>E.U.T: Equipment Under Test<br/>LISN: Line Impedance Stabilization Network<br/>Test table height=0.8m</p></div>   |           |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
| Test procedure        | <div><div>1.</div><div>The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment.</div></div> <div><div>2.</div><div>The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs).</div></div> <div><div>3.</div><div>Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2014 on conducted measurement.</div></div> |           |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
| Test environment:     | Temp.:   | 25 °C     | Humid.: | 52% | Press.: | 1 012mbar             |              |  |            |         |          |           |           |       |    |    |        |    |    |
| Test Instruments:     | Refer to section 6 for details   |           |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
| Test mode:            | Refer to section 5.2 for details,only show the worst case.   |           |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |
| Test results:         | Pass   |           |         |     |         |                       |              |  |            |         |          |           |           |       |    |    |        |    |    |

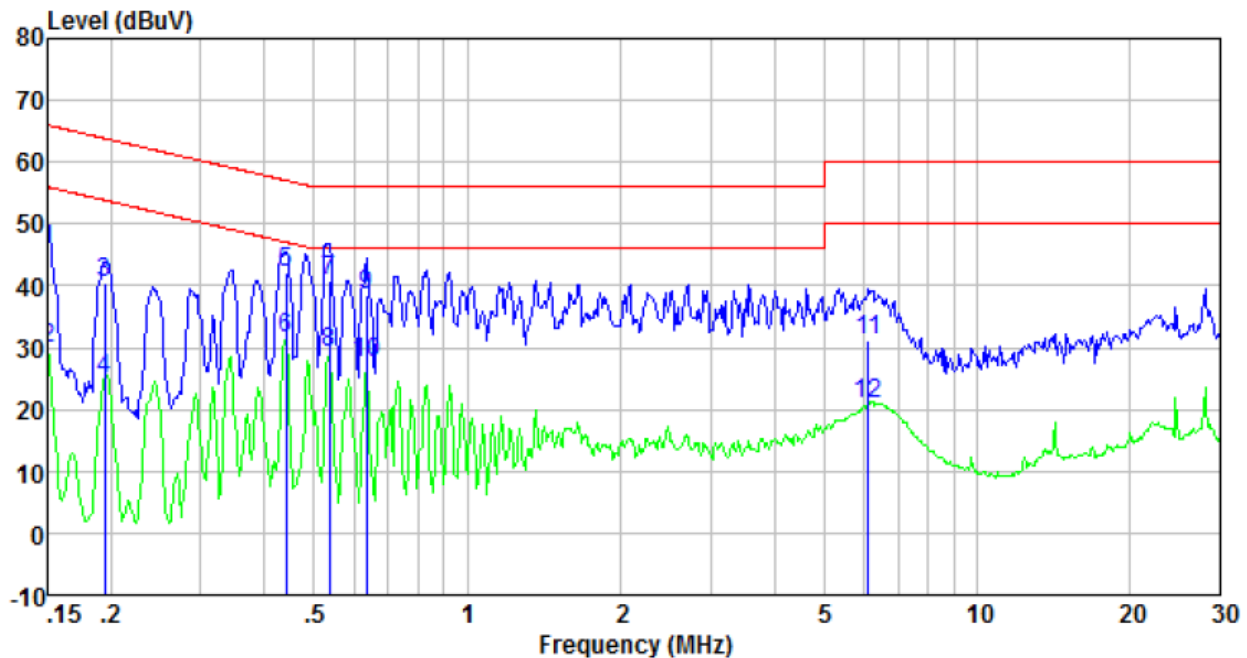
### Measurement Data

|            |         |                 |      |
|------------|---------|-----------------|------|
| Test mode: | PC mode | Phase Polarity: | Line |
|------------|---------|-----------------|------|



| Freq<br>MHz | Reading<br>level<br>dBuV | IISN/ISN<br>factor<br>dB | Cable<br>loss<br>dB | level<br>dBuV | Limit<br>level<br>dBuV | Over<br>limit<br>dB | Remark  |
|-------------|--------------------------|--------------------------|---------------------|---------------|------------------------|---------------------|---------|
| 0.15        | 45.28                    | 0.42                     | 0.12                | 45.82         | 66.00                  | -20.18              | QP      |
| 0.15        | 28.83                    | 0.42                     | 0.12                | 29.37         | 56.00                  | -26.63              | Average |
| 0.19        | 40.40                    | 0.43                     | 0.13                | 40.96         | 63.93                  | -22.97              | QP      |
| 0.19        | 24.59                    | 0.43                     | 0.13                | 25.15         | 53.93                  | -28.78              | Average |
| 0.44        | 42.71                    | 0.40                     | 0.11                | 43.22         | 56.98                  | -13.76              | QP      |
| 0.44        | 26.06                    | 0.40                     | 0.11                | 26.57         | 46.98                  | -20.41              | Average |
| 0.53        | 41.65                    | 0.36                     | 0.11                | 42.12         | 56.00                  | -13.88              | QP      |
| 0.53        | 25.56                    | 0.36                     | 0.11                | 26.03         | 46.00                  | -19.97              | Average |
| 0.92        | 39.75                    | 0.26                     | 0.13                | 40.14         | 56.00                  | -15.86              | QP      |
| 0.92        | 24.14                    | 0.26                     | 0.13                | 24.53         | 46.00                  | -21.47              | Average |
| 6.42        | 35.27                    | 0.21                     | 0.16                | 35.64         | 60.00                  | -24.36              | QP      |
| 6.42        | 22.43                    | 0.21                     | 0.16                | 22.80         | 50.00                  | -27.20              | Average |

|            |         |                 |         |
|------------|---------|-----------------|---------|
| Test mode: | PC mode | Phase Polarity: | Neutral |
|------------|---------|-----------------|---------|



| Freq<br>MHz | Reading<br>level<br>dBuV | LISN/ISN<br>factor<br>dB | Cable<br>loss<br>dB | level<br>dBuV | Limit<br>level<br>dBuV | Over<br>limit<br>dB | Remark  |
|-------------|--------------------------|--------------------------|---------------------|---------------|------------------------|---------------------|---------|
| 0.15        | 45.26                    | 0.41                     | 0.12                | 45.79         | 66.00                  | -20.21              | QP      |
| 0.15        | 29.19                    | 0.41                     | 0.12                | 29.72         | 56.00                  | -26.28              | Average |
| 0.19        | 40.01                    | 0.41                     | 0.13                | 40.55         | 63.84                  | -23.29              | QP      |
| 0.19        | 24.48                    | 0.41                     | 0.13                | 25.02         | 53.84                  | -28.82              | Average |
| 0.44        | 41.82                    | 0.38                     | 0.11                | 42.31         | 57.07                  | -14.76              | QP      |
| 0.44        | 31.18                    | 0.38                     | 0.11                | 31.67         | 47.07                  | -15.40              | Average |
| 0.53        | 40.43                    | 0.32                     | 0.11                | 40.86         | 56.00                  | -15.14              | QP      |
| 0.53        | 28.61                    | 0.32                     | 0.11                | 29.04         | 46.00                  | -16.96              | Average |
| 0.63        | 38.23                    | 0.26                     | 0.13                | 38.62         | 56.00                  | -17.38              | QP      |
| 0.63        | 27.16                    | 0.26                     | 0.13                | 27.55         | 46.00                  | -18.45              | Average |
| 6.12        | 30.94                    | 0.21                     | 0.16                | 31.31         | 60.00                  | -28.69              | QP      |
| 6.12        | 20.40                    | 0.21                     | 0.16                | 20.77         | 50.00                  | -29.23              | Average |

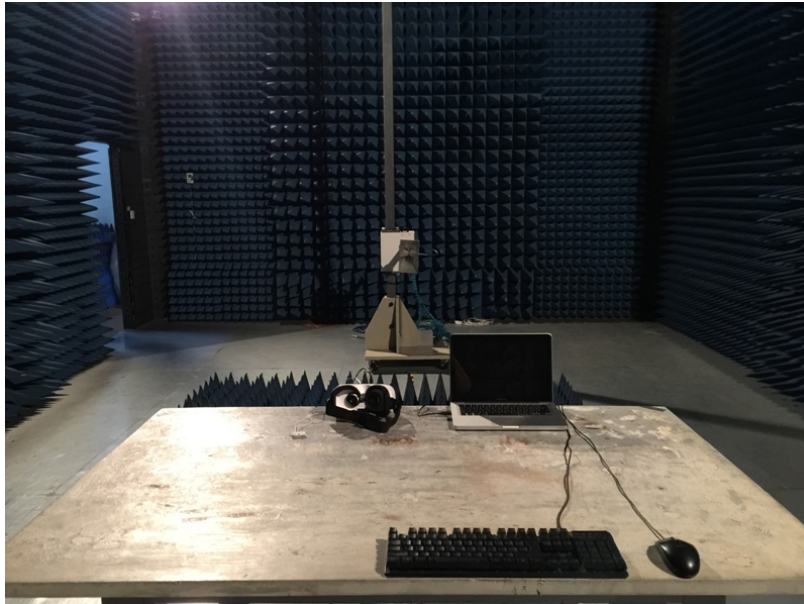
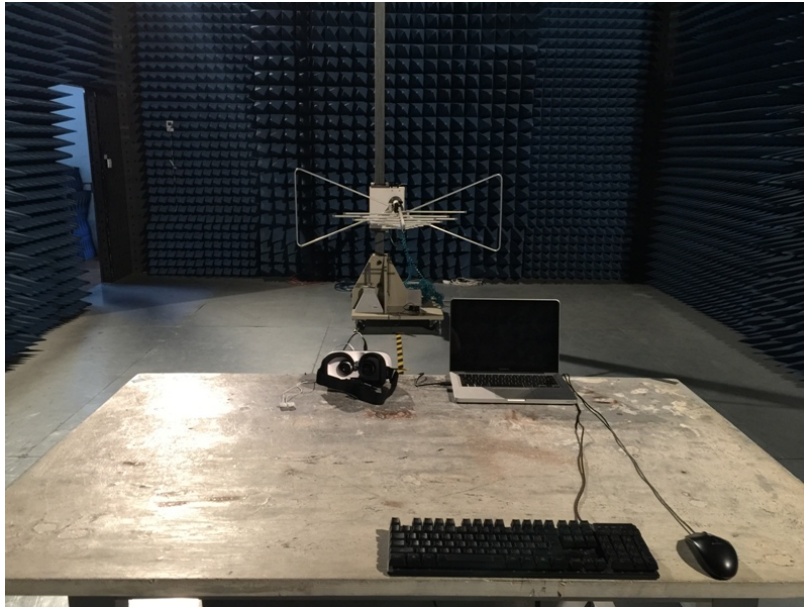
#### Notes:

- The following Quasi-Peak and Average measurements were performed on the EUT:
- Final Test Level = Receiver Reading + LISN Factor + Cable Loss.



## 8 Test Setup Photo

Radiated Emission:



## Conducted Emission



## 9 EUT Constructional Details

Reference to the test report No. GTS201703000086F01

-----End-----