

FCC REPORT

Applicant: Grand Electronics INC.

Address of Applicant: 11650 Brentcross Dr Tomball Texas United States 77377

Equipment Under Test (EUT)

Product Name: Tablet PC

Model No.: i7, i7s

Trade mark: neutab.

FCC ID: 2AGNK-I7

Applicable standards: FCC CFR Title 47 Part 15 Subpart B

Date of sample receipt: 27 Dec., 2017

Date of Test: 27 Dec., 2017 to 22 Feb., 2018

Date of report issued: 26 Feb., 2018

Test Result: PASS *

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

Authorized Signature:



Bruce Zhang
Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the CCIS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

2 Version

| Version No. | Date | Description |
|-------------|---------------|-------------|
| 00 | 26 Feb., 2018 | Original |
| | | |
| | | |
| | | |
| | | |

Tested by:

Mike.ou

Date:

26 Feb., 2018

Test Engineer

Reviewed by:

Wimer Zhang

Date:

26 Feb., 2018

Project Engineer

3 Contents

| | Page |
|---|-----------|
| 1 COVER PAGE..... | 1 |
| 2 VERSION | 2 |
| 3 CONTENTS | 3 |
| 4 TEST SUMMARY..... | 4 |
| 5 GENERAL INFORMATION..... | 5 |
| 5.1 CLIENT INFORMATION | 5 |
| 5.2 GENERAL DESCRIPTION OF E.U.T. | 5 |
| 5.3 TEST MODE..... | 5 |
| 5.4 MEASUREMENT UNCERTAINTY..... | 5 |
| 5.5 DESCRIPTION OF SUPPORT UNITS | 6 |
| 5.6 RELATED SUBMITTAL(s) / GRANT (s)..... | 6 |
| 5.7 LABORATORY FACILITY | 6 |
| 5.8 LABORATORY LOCATION | 6 |
| 5.9 TEST INSTRUMENTS LIST..... | 7 |
| 6 TEST RESULTS AND MEASUREMENT DATA..... | 8 |
| 6.1 CONDUCTED EMISSION..... | 8 |
| 6.2 RADIATED EMISSION | 11 |
| 7 TEST SETUP PHOTO | 17 |
| 8 EUT CONSTRUCTIONAL DETAILS | 18 |

4 Test Summary

| Test Item | Section in CFR 47 | Result |
|--|-------------------|--------|
| Conducted Emission | Part 15.107 | Pass |
| Radiated Emission | Part 15.109 | Pass |
| <i>Remark:</i> <i>Pass: The EUT complies with the essential requirements in the standard.</i> <i>N/A: The EUT not applicable of the test item.</i> | | |

5 General Information

5.1 Client Information

| | |
|------------------------|---|
| Applicant: | Grand Electronics INC. |
| Address of Applicant: | 11650 Brentcross Dr Tomball Texas United States 77377 |
| Manufacturer/ Factory: | Dongguan Digi-in Digital Technology Co., Ltd |
| Address: | Jiatian Industrial Park, Wulian, Fenggang Town, Dongguan City, Guangdong, China |

5.2 General Description of E.U.T.

| | |
|---------------|---|
| Product Name: | Tablet PC |
| Model No.: | i7, i7s |
| Power supply: | Rechargeable Li-ion Battery DC3.7V-2500mAh |
| AC adapter: | Model: UF22P1501 Input: AC100-240V 50/60Hz 500mA Output: DC 5.0V, 2.1A/ DC 9.0V, 1.67A/ DC 12.0V, 1.25A |
| Remark: | The Model No.: i7, I7s were identical inside, the electrical circuit design, layout, components and internal wiring, with only difference being model name. |

5.3 Test Mode

| Operating mode | Detail description |
|-------------------------|---|
| PC mode | Keep the EUT in Downloading mode (Worst case) |
| Charging+Recording mode | Keep the EUT in Charging+Recording mode |
| Charging+Playing mode | Keep the EUT in Charging+Playing mode |

The sample was placed 0.8m above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

5.4 Measurement Uncertainty

| Items | Expanded Uncertainty (Confidence of 95%) |
|-------------------------------------|--|
| Conducted Emission (9kHz ~ 30MHz) | 2.14 dB (k=2) |
| Radiated Emission (9kHz ~ 30MHz) | 4.24 dB (k=2) |
| Radiated Emission (30MHz ~ 1000MHz) | 4.35 dB (k=2) |
| Radiated Emission (1GHz ~ 18GHz) | 4.44 dB (k=2) |
| Radiated Emission (18GHz ~ 26.5GHz) | 4.56 dB (k=2) |

5.5 Description of Support Units

| Manufacturer | Description | Model | Serial Number | FCC ID/DoC |
|--------------|--------------------|-------------|---------------|------------|
| DELL | PC | OPTIPLEX745 | N/A | DoC |
| DELL | MONITOR | E178FPC | N/A | DoC |
| DELL | KEYBOARD | SK-8115 | N/A | DoC |
| DELL | MOUSE | MOC5UO | N/A | DoC |
| HP | Printer | CB495A | 05257893 | DoC |
| MERCURY | Wireless router | MW150R | 12922104015 | FCC ID |
| NAKAMICHI | Bluetooth earphone | T8 | N/A | FCC ID |

5.6 Related Submittal(s) / Grant (s)

This is an original grant, no related submittals and grants.

5.7 Laboratory Facility

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

- **FCC - Registration No.: 727551**

Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been accredited as a testing laboratory by FCC (Federal Communications Commission). The Registration No. is 727551.

- **IC - Registration No.: 10106A-1**

The 3m Semi-anechoic chamber of Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

- **CNAS - Registration No.: CNAS L6048**

Shenzhen Zhongjian Nanfang Testing Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6048.

- **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/4346-01.pdf>

5.8 Laboratory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Address: No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road, Bao'an District, Shenzhen, Guangdong, China

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info@ccis-cb.com, Website: <http://www.ccis-cb.com>

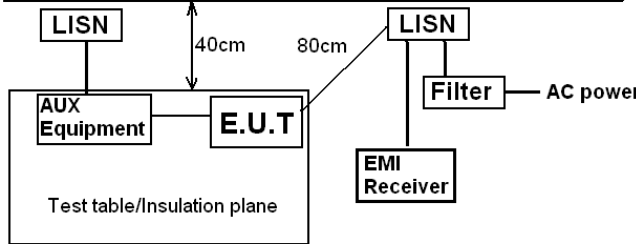
5.9 Test Instruments list

| Radiated Emission: | | | | | | |
|--------------------|------------------------------|-----------------------------------|-----------------|---------------|----------------------|--------------------------|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal. Date (mm-dd-yy) | Cal. Due date (mm-dd-yy) |
| 1 | 3m SAC | SAEMC | 9(L)*6(W)* 6(H) | CCIS0001 | 07-22-2017 | 07-21-2020 |
| 2 | BiConiLog Antenna | SCHWARZBECK | VULB9163 | CCIS0005 | 02-25-2017 | 02-24-2018 |
| | | | | | 02-20-2018 | 02-19-2019 |
| 3 | Horn Antenna | SCHWARZBECK | BBHA9120D | CCIS0006 | 02-25-2017 | 02-24-2018 |
| | | | | | 02-20-2018 | 02-19-2019 |
| 4 | Pre-amplifier (10kHz-1.3GHz) | HP | 8447D | CCIS0003 | 02-25-2017 | 02-24-2018 |
| | | | | | 02-20-2018 | 02-19-2019 |
| 5 | Pre-amplifier (1GHz-18GHz) | Compliance Direction Systems Inc. | PAP-1G18 | CCIS0011 | 02-25-2017 | 02-24-2018 |
| | | | | | 02-20-2018 | 02-19-2019 |
| 6 | Spectrum analyzer 9k-30GHz | Rohde & Schwarz | FSP30 | CCIS0023 | 02-25-2017 | 02-24-2018 |
| | | | | | 02-20-2018 | 02-19-2019 |
| 7 | EMI Test Receiver | Rohde & Schwarz | ESRP7 | CCIS0167 | 02-25-2017 | 02-24-2018 |
| | | | | | 02-20-2018 | 02-19-2019 |
| 8 | EMI Test Software | AUDIX | E3 | N/A | N/A | N/A |
| 9 | Coaxial Cable | N/A | N/A | CCIS0018 | 02-25-2017 | 02-24-2018 |
| | | | | | 02-20-2018 | 02-19-2019 |
| 10 | Coaxial Cable | N/A | N/A | CCIS0020 | 02-25-2017 | 02-24-2018 |
| | | | | | 02-20-2018 | 02-19-2019 |

| Conducted Emission: | | | | | | |
|---------------------|-------------------|--------------------|-----------------------|---------------|---------------------|-------------------------|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) |
| 1 | Shielding Room | ZhongShuo Electron | 11.0(L)x4.0(W)x3.0(H) | CCIS0061 | 07-22-2017 | 07-21-2020 |
| 2 | EMI Test Receiver | Rohde & Schwarz | ESCI | CCIS0002 | 02-25-2017 | 02-24-2018 |
| | | | | | 02-20-2018 | 02-19-2019 |
| 3 | LISN | CHASE | MN2050D | CCIS0074 | 02-25-2017 | 02-24-2018 |
| | | | | | 02-20-2018 | 02-19-2019 |
| 4 | LISN | Rohde & Schwarz | ESH3-Z5 | 8438621/010 | 07-21-2017 | 07-20-2018 |
| 5 | Coaxial Cable | CCIS | N/A | CCIS0086 | 02-25-2017 | 02-24-2018 |
| | | | | | 02-20-2018 | 02-19-2019 |
| 6 | EMI Test Software | AUDIX | E3 | N/A | N/A | N/A |

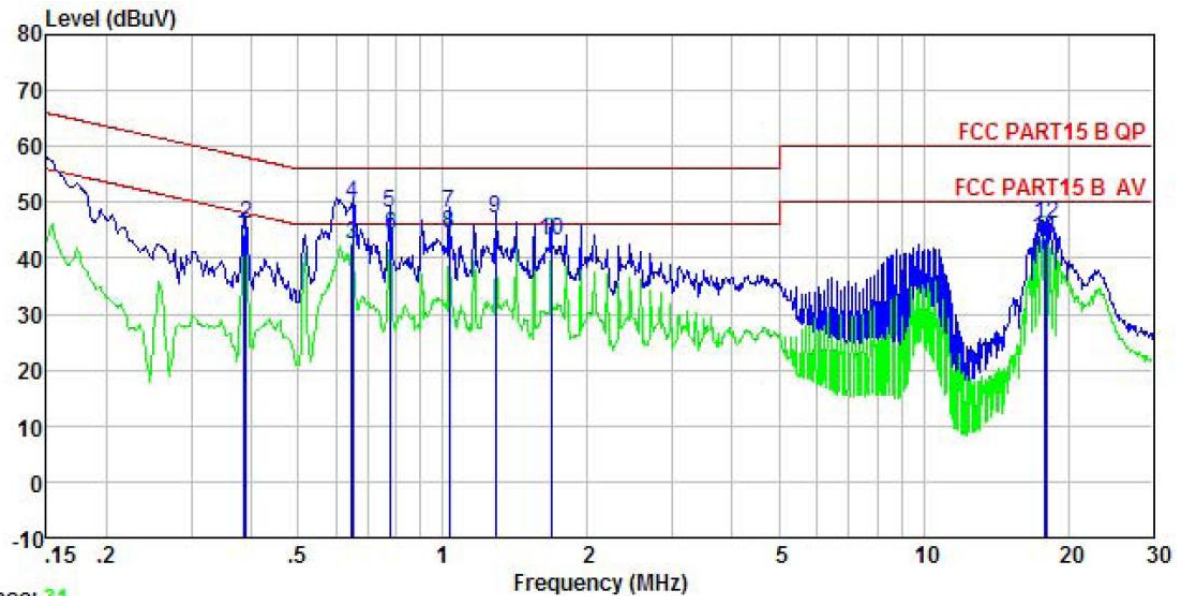
6 Test results and Measurement Data

6.1 Conducted Emission

| | | | | | | |
|--|---|--------------|---------|-----------|---------|--------|
| Test Requirement: | FCC Part 15 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: | 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 | | |
| * Decreases with the logarithm of the frequency. | | | | | | |
| Test setup: | <div><p style="text-align: center;">Reference Plane</p><p>Remark: E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m</p></div> | | | | | |
| Test procedure | <div><div></div><div><ol style="list-style-type: none">1. 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.2. 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).3. 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.: | 23 °C | Humid.: | 56% | Press.: | 101kPa |
| Test Instruments: | Refer to section 5.9 for details | | | | | |
| Test mode: | Refer to section 5.3 for details | | | | | |
| Test results: | Pass | | | | | |

Measurement data:

Test Phase: Line



Trace: 31

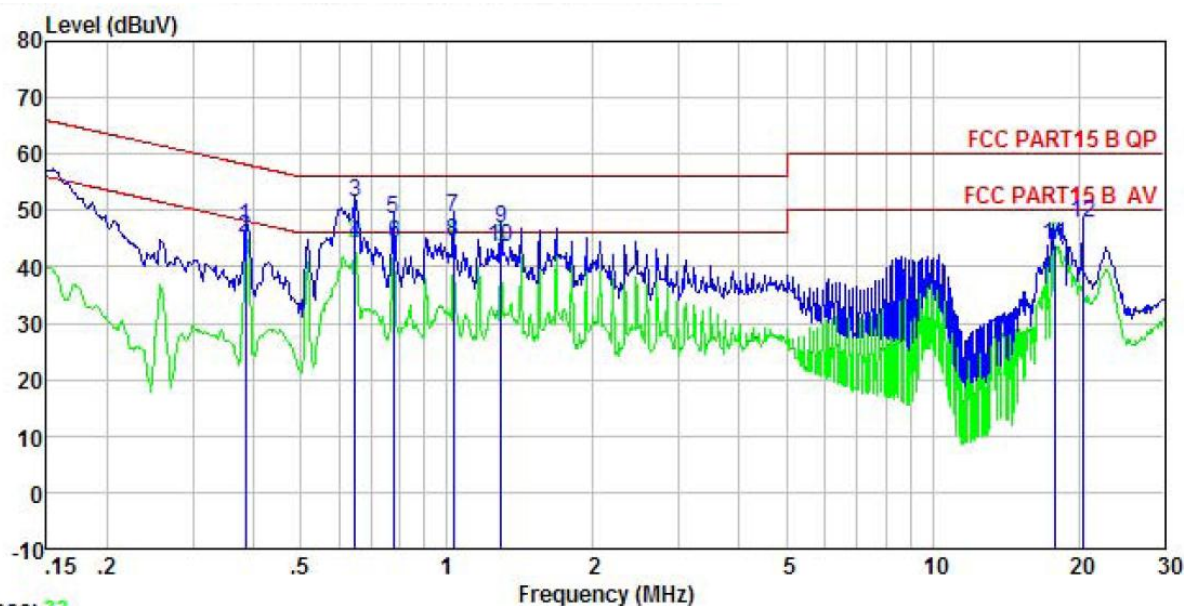
Site : CCIS Shielding Room
 Condition : FCC PART15 B QP LISN(RS) LINE
 EUT : Tablet PC
 Model : i7
 Test Mode : PC mode
 Power Rating : AC120V/60Hz
 Environment : Temp: 23 °C Humi:56% Atmos:101KPa
 Test Engineer: Mike
 Remark :

| | Freq | Read Level | LISN Factor | Cable Loss | Level | Limit Line | Over Limit | Remark |
|----|--------|------------|-------------|------------|-------|------------|------------|---------|
| | MHz | dBuV | dB | dB | dBuV | dBuV | dB | |
| 1 | 0.385 | 32.73 | 0.75 | 10.72 | 44.20 | 48.17 | -3.97 | Average |
| 2 | 0.389 | 34.64 | 0.75 | 10.72 | 46.11 | 58.08 | -11.97 | QP |
| 3 | 0.647 | 30.98 | 0.77 | 10.77 | 42.52 | 46.00 | -3.48 | Average |
| 4 | 0.651 | 38.40 | 0.77 | 10.77 | 49.94 | 56.00 | -6.06 | QP |
| 5 | 0.775 | 36.63 | 0.77 | 10.80 | 48.20 | 56.00 | -7.80 | QP |
| 6 | 0.779 | 32.47 | 0.77 | 10.80 | 44.04 | 46.00 | -1.96 | Average |
| 7 | 1.032 | 36.62 | 0.78 | 10.87 | 48.27 | 56.00 | -7.73 | QP |
| 8 | 1.032 | 32.79 | 0.78 | 10.87 | 44.44 | 46.00 | -1.56 | Average |
| 9 | 1.289 | 35.52 | 0.78 | 10.90 | 47.20 | 56.00 | -8.80 | QP |
| 10 | 1.680 | 31.49 | 0.78 | 10.94 | 43.21 | 46.00 | -2.79 | Average |
| 11 | 17.849 | 31.74 | 0.70 | 10.92 | 43.36 | 50.00 | -6.64 | Average |
| 12 | 18.039 | 34.36 | 0.70 | 10.92 | 45.98 | 60.00 | -14.02 | QP |

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Final Level = Receiver Read level + LISN Factor + Cable Loss.

Test Phase: Neutral



Trace: 33

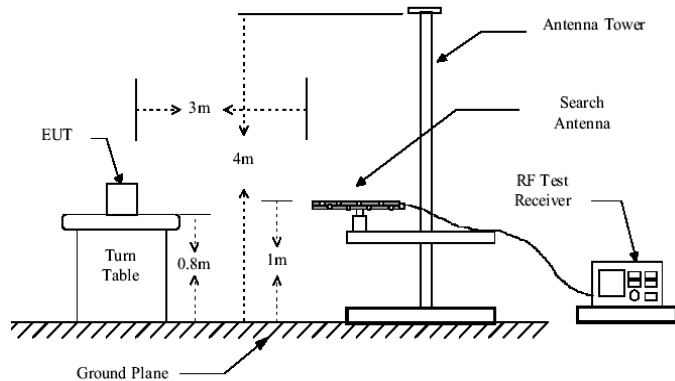
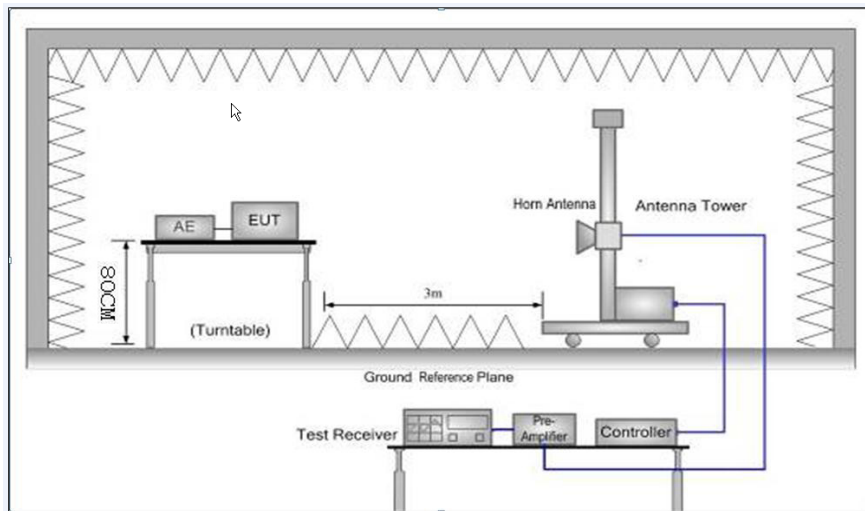
Site : CCIS Shielding Room
 Condition : FCC PART15 B QP LISN(RS) NEUTRAL
 EUT : Tablet PC
 Model : i7
 Test Mode : PC mode
 Power Rating : AC120V/60Hz
 Environment : Temp: 23 °C Humi:56% Atmos:101KPa
 Test Engineer: Mike
 Remark :

| | Freq | Read Level | LISN Factor | Cable Loss | Level | Limit Line | Over Limit | Remark |
|----|--------|------------|-------------|------------|-------|------------|------------|---------|
| | MHz | dBuV | dB | dB | dBuV | dBuV | dB | |
| 1 | 0.385 | 35.79 | 0.62 | 10.72 | 47.13 | 58.17 | -11.04 | QP |
| 2 | 0.385 | 33.86 | 0.62 | 10.72 | 45.20 | 48.17 | -2.97 | Average |
| 3 | 0.647 | 39.97 | 0.63 | 10.77 | 51.37 | 56.00 | -4.63 | QP |
| 4 | 0.647 | 32.59 | 0.63 | 10.77 | 43.99 | 46.00 | -2.01 | Average |
| 5 | 0.775 | 36.86 | 0.65 | 10.80 | 48.31 | 56.00 | -7.69 | QP |
| 6 | 0.779 | 32.74 | 0.65 | 10.80 | 44.19 | 46.00 | -1.81 | Average |
| 7 | 1.032 | 37.20 | 0.67 | 10.87 | 48.74 | 56.00 | -7.26 | QP |
| 8 | 1.032 | 33.04 | 0.67 | 10.87 | 44.58 | 46.00 | -1.42 | Average |
| 9 | 1.296 | 35.37 | 0.67 | 10.90 | 46.94 | 56.00 | -9.06 | QP |
| 10 | 1.296 | 32.00 | 0.67 | 10.90 | 43.57 | 46.00 | -2.43 | Average |
| 11 | 17.849 | 32.29 | 0.69 | 10.92 | 43.90 | 50.00 | -6.10 | Average |
| 12 | 20.377 | 36.32 | 0.69 | 10.93 | 47.94 | 60.00 | -12.06 | QP |

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Final Level = Receiver Read level + LISN Factor + Cable Loss.

6.2 Radiated Emission

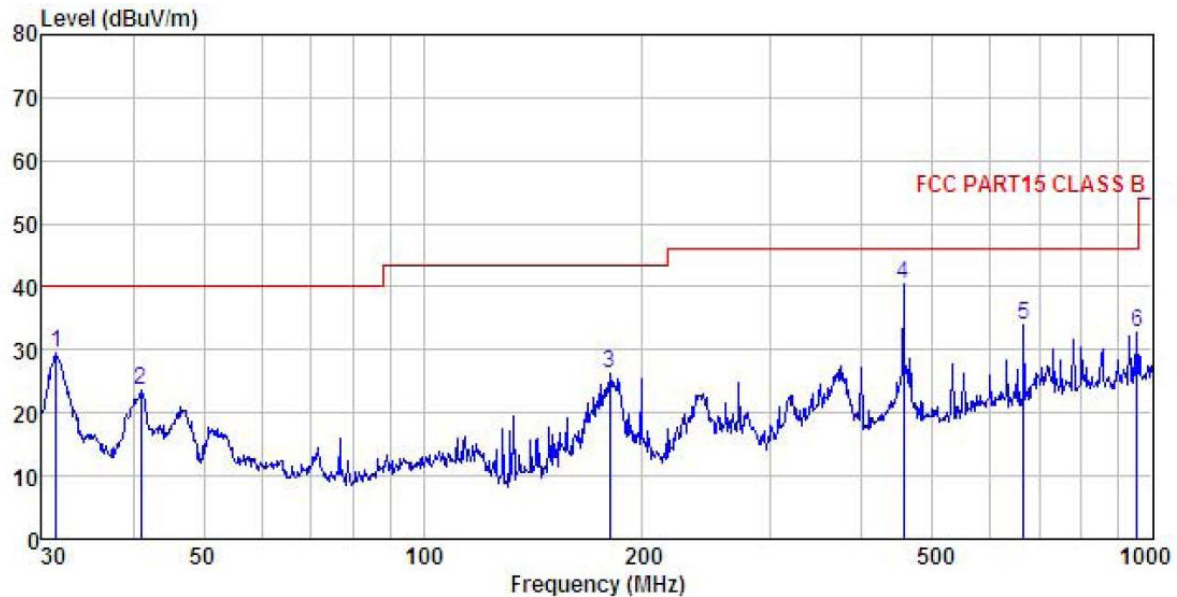
| | | | | | |
|-----------------------|--|------------|--------------------|--------|------------------|
| Test Requirement: | FCC Part 15 B Section 15.109 | | | | |
| Test Method: | ANSI C63.4:2014 | | | | |
| Test Frequency Range: | 30MHz to 6000MHz | | | | |
| Test site: | Measurement Distance: 3m (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 |
| Limit: | Frequency | | Limit (dBuV/m @3m) | | Remark |
| | 30MHz-88MHz | | 40.0 | | Quasi-peak Value |
| | 88MHz-216MHz | | 43.5 | | Quasi-peak Value |
| | 216MHz-960MHz | | 46.0 | | Quasi-peak Value |
| | 960MHz-1GHz | | 54.0 | | Quasi-peak Value |
| | Above 1GHz | | 54.0 | | Average Value |
| Test setup: | | | 74.0 | | Peak Value |
| | Below 1GHz | | | | |
| Test setup: |  | | | | |
| | Above 1GHz | | | | |
| Test setup: |  | | | | |

| | | | | | | |
|-------------------|---|-------|---------|-----|---------|---------|
| Test Procedure: | <ol style="list-style-type: none"> 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. 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. 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. 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. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 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. | | | | | |
| Test environment: | Temp.: | 25 °C | Humid.: | 55% | Press.: | 1 01kPa |
| Test Instruments: | Refer to section 5.9 for details | | | | | |
| Test mode: | Refer to section 5.3 for details | | | | | |
| Test results: | Passed | | | | | |
| Remark: | All of the observed value above 6GHz were the noise floor , which were no recorded | | | | | |

Measurement Data:

Below 1GHz

Test Polarization: Horizontal



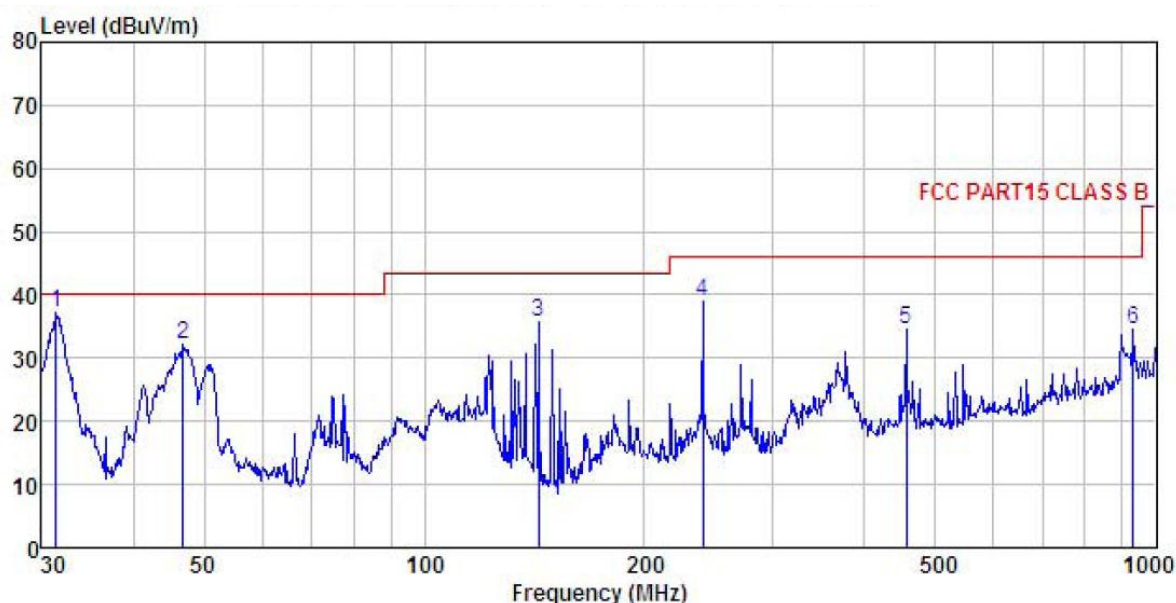
Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m VULB9163(30M2G) HORIZONTAL
 EUT : Tablet PC
 Model : i7
 Test mode : PC mode
 Power Rating : AC 120V/60Hz
 Environment : Temp:25.5°C Humi:55% 101KPa
 Test Engineer: Mike
 REMARK :

| | Freq | ReadAntenna | Cable | Preamp | Limit | Over | |
|---|---------|-------------|-------|--------|-------|--------|--------|
| | Level | Factor | Loss | Factor | Line | Limit | Remark |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m |
| 1 | 31.399 | 47.35 | 11.43 | 0.85 | 29.97 | 29.66 | 40.00 |
| 2 | 40.988 | 38.44 | 13.73 | 1.22 | 29.89 | 23.50 | 40.00 |
| 3 | 180.017 | 43.03 | 9.50 | 2.73 | 28.97 | 26.29 | 43.50 |
| 4 | 455.906 | 50.58 | 15.58 | 3.25 | 28.88 | 40.53 | 46.00 |
| 5 | 665.804 | 40.08 | 18.50 | 3.96 | 28.74 | 33.80 | 46.00 |
| 6 | 952.094 | 34.74 | 21.59 | 4.22 | 27.71 | 32.84 | 46.00 |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

Test Polarization: Vertical



Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m VULB9163(30M2G) VERTICAL
 EUT : Tablet PC
 Model : i7
 Test mode : PC mode
 Power Rating : AC 120V/60Hz
 Environment : Temp:25.5°C Humi:55% 101KPa
 Test Engineer: Mike
 REMARK :

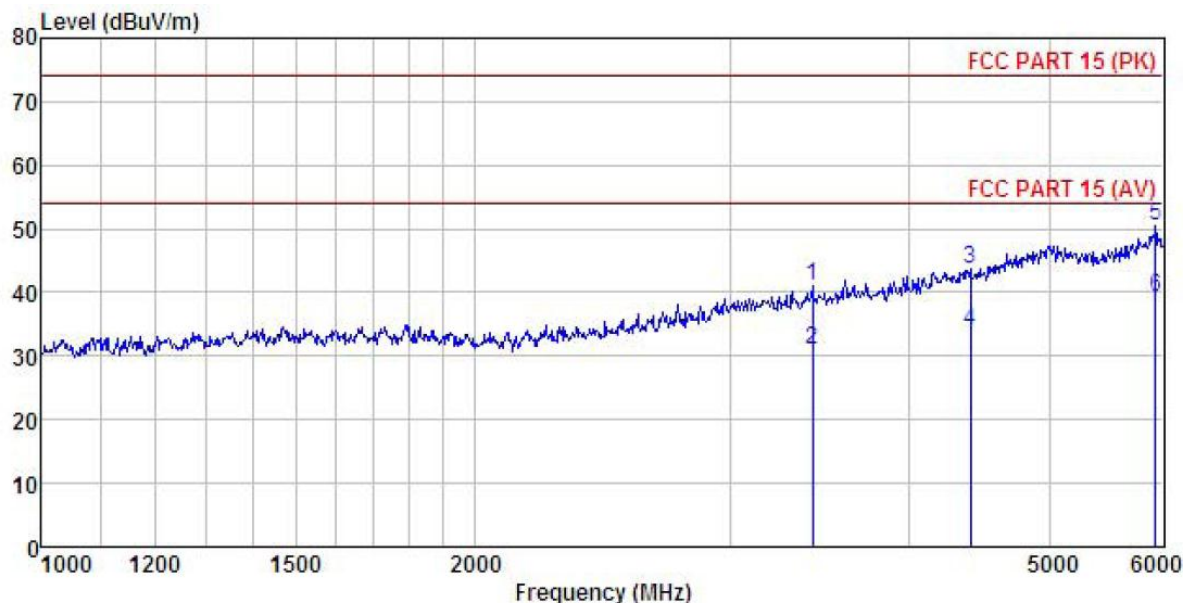
| | Freq | Read | Antenna | Cable | Preamp | Level | Limit | Over | |
|---|---------|-------|---------|-------|--------|--------|--------|--------|--------|
| | MHz | Level | Factor | Loss | Factor | Level | Line | Limit | Remark |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 31.399 | 54.86 | 11.43 | 0.85 | 29.97 | 37.17 | 40.00 | -2.83 | QP |
| 2 | 46.830 | 46.34 | 14.40 | 1.28 | 29.85 | 32.17 | 40.00 | -7.83 | QP |
| 3 | 143.326 | 54.03 | 8.38 | 2.44 | 29.25 | 35.60 | 43.50 | -7.90 | QP |
| 4 | 239.987 | 53.01 | 11.85 | 2.82 | 28.59 | 39.09 | 46.00 | -6.91 | QP |
| 5 | 455.906 | 44.68 | 15.58 | 3.25 | 28.88 | 34.63 | 46.00 | -11.37 | QP |
| 6 | 932.272 | 37.24 | 21.18 | 4.03 | 27.78 | 34.67 | 46.00 | -11.33 | QP |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

Above 1GHz

Test Polarization: Horizontal



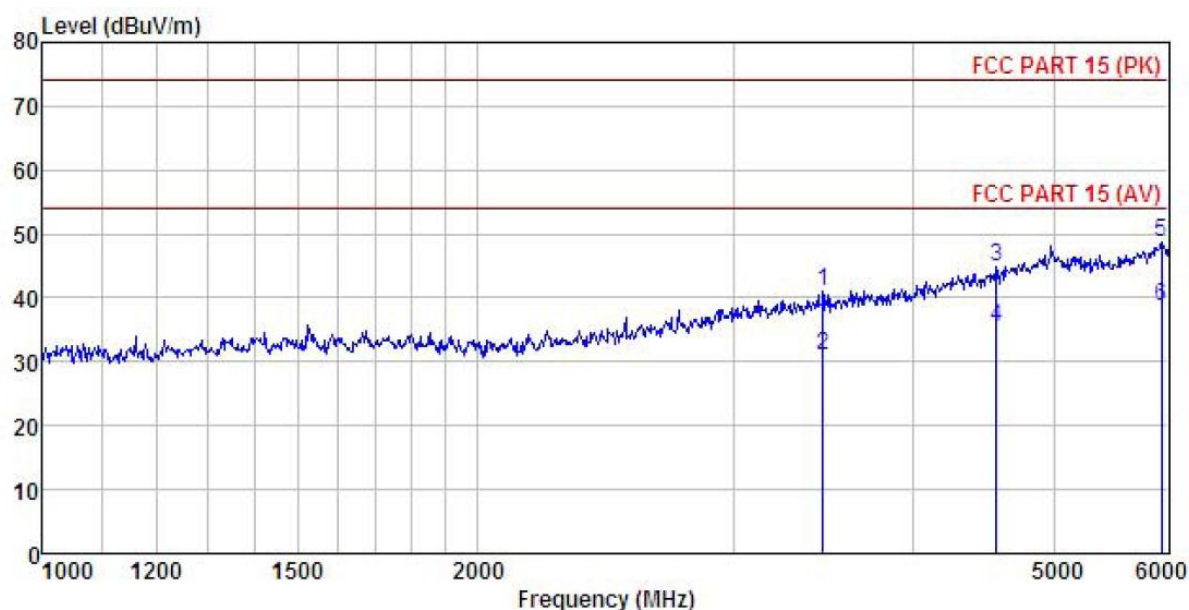
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120(1G18G) HORIZONTAL
 EUT : Tablet PC
 Model : i7
 Test mode : PC mode
 Power Rating : AC 120V/60Hz
 Environment : Temp:25.5°C Humi:55% 101KPa
 Test Engineer: Mike
 REMARK :

| | Freq | ReadAntenna | Cable Preamp | Limit | Over | |
|---|----------|--------------|--------------|-------|-------|--------|
| | | Level Factor | Loss Factor | Line | Limit | Remark |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m |
| 1 | 3424.443 | 46.44 | 27.46 | 5.66 | 41.38 | 41.13 |
| 2 | 3424.443 | 36.42 | 27.46 | 5.66 | 41.38 | 31.11 |
| 3 | 4408.687 | 46.39 | 29.15 | 6.71 | 41.97 | 43.77 |
| 4 | 4408.687 | 36.67 | 29.15 | 6.71 | 41.97 | 34.05 |
| 5 | 5925.216 | 48.25 | 31.61 | 7.92 | 42.04 | 50.42 |
| 6 | 5925.216 | 37.09 | 31.61 | 7.92 | 42.04 | 39.26 |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
2. The emission levels of other frequencies are very lower than the limit and not show in test report.

Test Polarization: Vertical



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120(1G18G) VERTICAL
 EUT : Tablet PC
 Model : i7
 Test mode : PC mode
 Power Rating : AC 120V/60Hz
 Environment : Temp:25.5°C Humi:55% 101KPa
 Test Engineer: Mike
 REMARK :

| | Freq | Read | Antenna | Cable | Preamp | Level | Limit | Over | |
|---|----------|-------|---------|-------|--------|--------|--------|--------|---------|
| | MHz | Level | Factor | Loss | Factor | Level | Line | Limit | Remark |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 3461.456 | 46.24 | 27.48 | 5.71 | 41.42 | 40.96 | 74.00 | -33.04 | Peak |
| 2 | 3461.456 | 36.42 | 27.48 | 5.71 | 41.42 | 31.14 | 54.00 | -22.86 | Average |
| 3 | 4561.357 | 47.06 | 29.56 | 6.86 | 42.11 | 44.93 | 74.00 | -29.07 | Peak |
| 4 | 4561.357 | 37.56 | 29.56 | 6.86 | 42.11 | 35.43 | 54.00 | -18.57 | Average |
| 5 | 5935.842 | 46.69 | 31.61 | 7.92 | 42.04 | 48.77 | 74.00 | -25.23 | Peak |
| 6 | 5935.842 | 36.48 | 31.61 | 7.92 | 42.04 | 38.56 | 54.00 | -15.44 | Average |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
2. The emission levels of other frequencies are very lower than the limit and not show in test report.