

FCC Report

Applicant: Kobian Canada Inc.,
Address of Applicant: 560 Denison Street, Unit#5, Markham Ontario L3R 2M8
Canada
Equipment Under Test (EUT)
Product Name: Tablet PC
Model No.: 10DTB38-32GB, W10
FCC ID: YH5-10DTB38
Applicable standards: FCC CFR Title 47 Part 15 Subpart B:2014
Date of sample receipt: May 07, 2015
Date of Test: May 07-14, 2015
Date of report issue: May 14, 2015
Test Result : PASS *

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

Authorized Signature:

A circular logo for GTS Global United Technology Services Co., Ltd. with the text 'GTS' in the center and 'GLOBAL TESTING' below it. The logo is stamped in blue ink. A handwritten signature in black ink is written over the logo.

Robinson Lo

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 GTS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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2 Version

| Version No. | Date | Description |
|-------------|--------------|-------------|
| 00 | May 14, 2015 | Original |
| | | |
| | | |
| | | |
| | | |

Prepared By:

Sam. Gao

Date:

May 14, 2015

Project Engineer

Check By:

Hank. yan

Date:

May 14, 2015

Reviewer

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4 Test Summary

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

PASS: The EUT complies with the essential requirements in the standard.

4.1 Measurement Uncertainty

| Test Item | Frequency Range | Measurement Uncertainty | Notes |
|----------------------------------|-----------------|-------------------------|-------|
| Radiated Emission | 9kHz ~ 30MHz | ± 4.34dB | (1) |
| Radiated Emission | 30MHz ~ 1000MHz | ± 4.24dB | (1) |
| Radiated Emission | 1GHz ~ 26.5GHz | ± 4.68dB | (1) |
| AC Power Line Conducted Emission | 0.15MHz ~ 30MHz | ± 3.45dB | (1) |

Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

5 General Information

5.1 Client Information

| | |
|--------------------------|--|
| Applicant: | Kobian Canada Inc., |
| Address of Applicant: | 560 Denison Street, Unit#5, Markham Ontario L3R 2M8 Canada |
| Manufacturer: | Kobian Canada Inc., |
| Address of Manufacturer: | 560 Denison Street, Unit#5, Markham Ontario L3R 2M8 Canada |
| Factory: | Kobian Canada Inc., |
| Address of Factory: | 560 Denison Street, Unit#5, Markham Ontario L3R 2M8 Canada |

5.2 General Description of EUT

| | |
|--|--|
| Product Name: | Tablet PC |
| Model No.: | 10DTB38-32GB, W10 |
| Test Model No.: | 10DTB38-32GB |
| <i>Remark: All above models are identical in the same PCB layout, interior structure and electrical circuits. The only differences are the model name and appearance color for commercial purpose.</i> | |
| Power Supply: | Adapter 1: Model No.:HK15-HASF0502000 Input: AC 100-240V, 50/60Hz, 0.35A Output: DC 5.0V, 2000mA Adapter 2: Model No.:GT-WCBU05000200-303 Input: AC 100-240V, 50-60Hz, 0.4A Output: DC 5.0V, 2000mA Or DC 3.7V Li-ion battery 7900mAh |
| Remark: | Two adapters were tested, and the adapter 1 is worse. So only the data of adapter is reported. |

5.3 Test mode

| | |
|------------|-------------------------|
| Test mode: | |
| PC mode | Keep the EUT in PC mode |

5.4 Test Facility

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

- **CNAS —Registration No.: CNAS L5775**

CNAS has accredited Global United Technology Services Co., Ltd. To ISO/IEC 17025 General Requirements for the competence of testing and calibration laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

- **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 28, 2013.

- **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, June 26, 2013.

5.5 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Room 301-309, 3th Floor, Block A, Huafeng Jinyuan Business Building, No. 300 Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, China

Tel: 0755-27798480

Fax: 0755-27798960

5.6 Description of Support Units

| Manufacturer | Description | Model | Serial Number | FCC ID/DoC |
|--------------|-------------|---------|---------------|------------|
| DELL | KEYBOARD | SK-8115 | N/A | DOC |
| DELL | MOUSE | N/A | N/A | DOC |

5.7 Deviation from Standards

Biconical, log.per. antenna and horn antenna were used instead of dipole antenna. Semi-anechoic Chamber was used as alternation of open air test sites, and all test suites were performed with radiated method in it.

5.8 Abnormalities from Standard Conditions

None.

5.9 Other Information Requested by the Customer

None.

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 | Mar. 27 2015 | Mar. 26 2016 |
| 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 | July 01 2014 | June 30 2015 |
| 4 | BiConiLog Antenna | SCHWARZBECK | VULB9163 | GTS214 | July 01 2014 | June 30 2015 |
| 5 | Double -ridged waveguide horn | SCHWARZBECK | 9120D | GTS208 | June 27 2014 | June 26 2015 |
| 6 | RF Amplifier | HP | 8347A | GTS204 | July 01 2014 | June 30 2015 |
| 7 | Preamplifier | HP | 8349B | GTS206 | July 01 2014 | June 30 2015 |
| 8 | EMI Test Software | AUDIX | E3 | N/A | N/A | N/A |
| 9 | Coaxial cable | GTS | N/A | GTS210 | Mar. 28 2015 | Mar. 27 2016 |
| 10 | Coaxial Cable | GTS | N/A | GTS211 | Mar. 28 2015 | Mar. 27 2016 |

| 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 | 7.0(L)x3.0(W)x3.0(H) | GTS264 | July 01 2014 | June 30 2015 |
| 2 | EMI Test Receiver | Rohde & Schwarz | ESCS30 | GTS223 | July 01 2014 | June 30 2015 |
| 3 | 10dB Pulse Limita | Rohde & Schwarz | N/A | GTS224 | July 01 2014 | June 30 2015 |
| 4 | Coaxial Switch | ANRITSU CORP | MP59B | GTS225 | July 01 2014 | June 30 2015 |
| 5 | LISN | SCHWARZBECK MESS-ELEKTRONIK | NSLK 8127 | GTS226 | July 01 2014 | June 30 2015 |
| 6 | Coaxial Cable | GTS | N/A | GTS227 | July 01 2014 | June 30 2015 |
| 7 | EMI Test Software | AUDIX | E3 | N/A | N/A | N/A |

| General used equipment: | | | | | | |
|-------------------------|----------------|--------------|-----------|---------------|---------------------|-------------------------|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal.Date (mm-dd-yy) | Cal.Due date (mm-dd-yy) |
| 1 | Barometer | ChangChun | DYM3 | GTS257 | July 08 2014 | July 07 2015 |

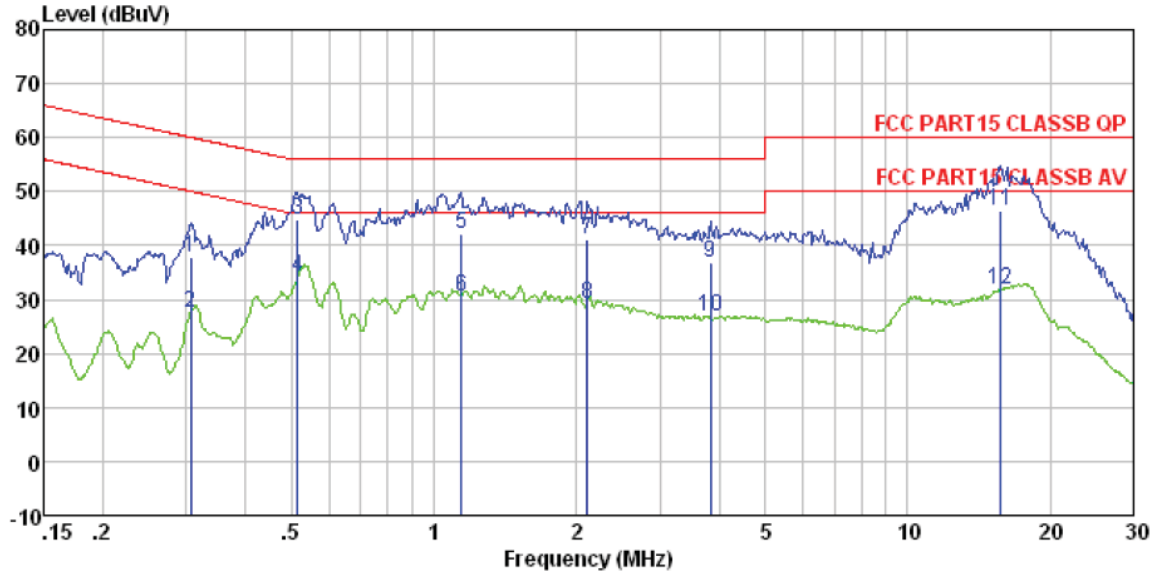
7 Test Results and Measurement Data

7.1 Conducted Emissions

| Test Requirement: | FCC Part15 B Section 15.107 | | | | | | | | | | | | | | |
|-----------------------|--|-----------------------|--------------|--|------------|---------|----------|-----------|-----------|-------|----|----|------|----|----|
| Test Method: | ANSI C63.4:2009 | | | | | | | | | | | | | | |
| Test Frequency Range: | 150KHz to 30MHz | | | | | | | | | | | | | | |
| Class / Severity: | Class B | | | | | | | | | | | | | | |
| Receiver setup: | RBW=9KHz, VBW=30KHz, Sweep time=auto | | | | | | | | | | | | | | |
| Limit: | <table border="1"> <thead> <tr> <th rowspan="2">Frequency range (MHz)</th> <th colspan="2">Limit (dBuV)</th> </tr> <tr> <th>Quasi-peak</th> <th>Average</th> </tr> </thead> <tbody> <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>5-30</td> <td>60</td> <td>50</td> </tr> </tbody> </table> <p>* Decreases with the logarithm of the frequency.</p> | Frequency range (MHz) | Limit (dBuV) | | Quasi-peak | Average | 0.15-0.5 | 66 to 56* | 56 to 46* | 0.5-5 | 56 | 46 | 5-30 | 60 | 50 |
| Frequency range (MHz) | Limit (dBuV) | | | | | | | | | | | | | | |
| | Quasi-peak | Average | | | | | | | | | | | | | |
| 0.15-0.5 | 66 to 56* | 56 to 46* | | | | | | | | | | | | | |
| 0.5-5 | 56 | 46 | | | | | | | | | | | | | |
| 5-30 | 60 | 50 | | | | | | | | | | | | | |
| Test setup: | <p>Remark E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m</p> | | | | | | | | | | | | | | |
| Test procedure: | <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.). This provides 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 refer 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: 2009 on conducted measurement. | | | | | | | | | | | | | | |
| Test Instruments: | Refer to section 6 for details | | | | | | | | | | | | | | |
| Test mode: | Refer to section 5.3 for details | | | | | | | | | | | | | | |
| Test results: | Pass | | | | | | | | | | | | | | |

Measurement Data

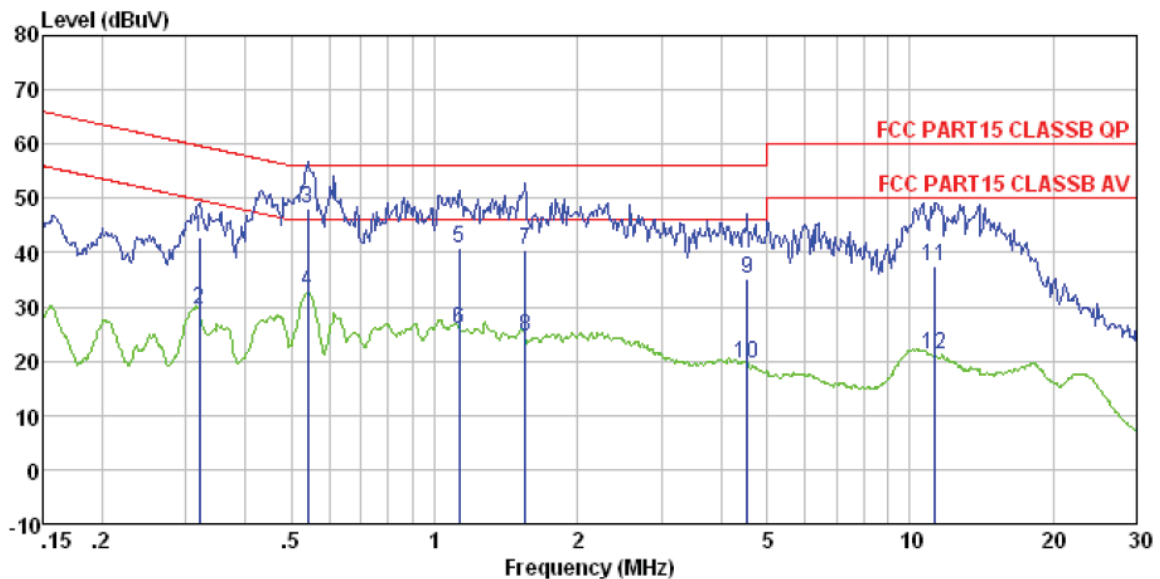
Line:



Condition : FCC PART15 CLASSB QP LISN-2013 LINE
 Job No. : 0625RF
 Test mode : PC mode
 Test Engineer: Qing

| | Read Freq | Level | LISN Factor | Cable Loss | Level | Limit Line | Over Limit | Remark |
|----|-----------|-------|-------------|------------|-------|------------|------------|---------|
| | MHz | dBuV | dB | dB | dBuV | dBuV | dB | |
| 1 | 0.307 | 37.53 | 0.11 | 0.10 | 37.74 | 60.06 | -22.32 | QP |
| 2 | 0.307 | 27.43 | 0.11 | 0.10 | 27.64 | 50.06 | -22.42 | Average |
| 3 | 0.516 | 44.60 | 0.12 | 0.11 | 44.83 | 56.00 | -11.17 | QP |
| 4 | 0.516 | 34.01 | 0.12 | 0.11 | 34.24 | 46.00 | -11.76 | Average |
| 5 | 1.141 | 41.97 | 0.13 | 0.13 | 42.23 | 56.00 | -13.77 | QP |
| 6 | 1.141 | 30.40 | 0.13 | 0.13 | 30.66 | 46.00 | -15.34 | Average |
| 7 | 2.110 | 40.77 | 0.12 | 0.15 | 41.04 | 56.00 | -14.96 | QP |
| 8 | 2.110 | 28.81 | 0.12 | 0.15 | 29.08 | 46.00 | -16.92 | Average |
| 9 | 3.840 | 36.65 | 0.19 | 0.15 | 36.99 | 56.00 | -19.01 | QP |
| 10 | 3.840 | 26.43 | 0.19 | 0.15 | 26.77 | 46.00 | -19.23 | Average |
| 11 | 15.718 | 45.90 | 0.31 | 0.22 | 46.43 | 60.00 | -13.57 | QP |
| 12 | 15.718 | 31.27 | 0.31 | 0.22 | 31.80 | 50.00 | -18.20 | Average |

Neutral:



Condition : FCC PART15 CLASSB QP LISN-2013 NEUTRAL
 Job No. : 0625RF
 Test mode : PC mode
 Test Engineer: Qing

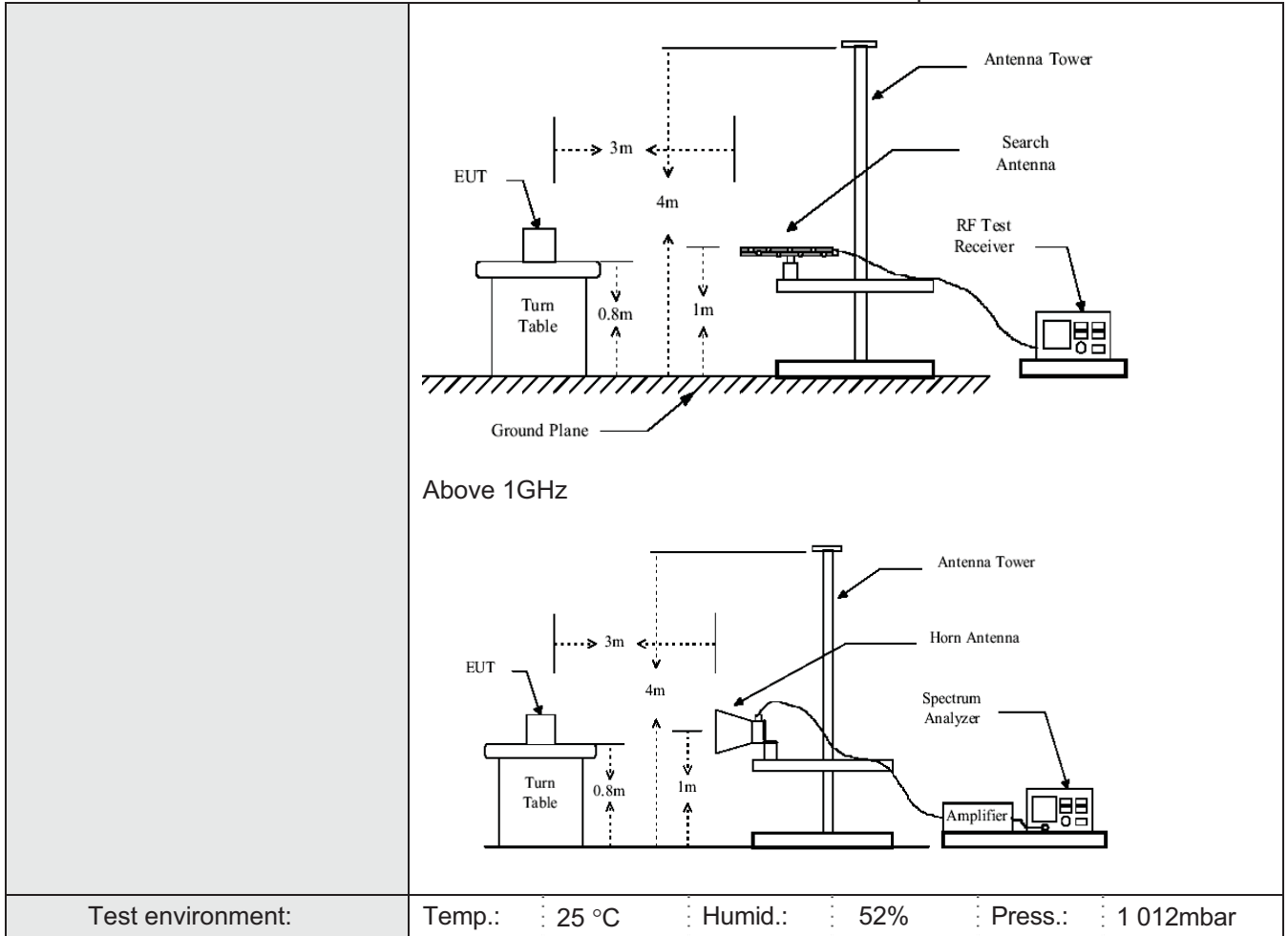
| | Freq | Read Level | LISN Factor | Cable Loss | Level | Limit Line | Over Limit | Remark |
|----|--------|------------|-------------|------------|-------|------------|------------|---------|
| | MHz | dBuV | dB | dB | dBuV | dBuV | dB | |
| 1 | 0.320 | 42.53 | 0.06 | 0.10 | 42.69 | 59.71 | -17.02 | QP |
| 2 | 0.320 | 29.21 | 0.06 | 0.10 | 29.37 | 49.71 | -20.34 | Average |
| 3 | 0.541 | 47.94 | 0.07 | 0.11 | 48.12 | 56.00 | -7.88 | QP |
| 4 | 0.541 | 32.82 | 0.07 | 0.11 | 33.00 | 46.00 | -13.00 | Average |
| 5 | 1.129 | 40.67 | 0.08 | 0.13 | 40.88 | 56.00 | -15.12 | QP |
| 6 | 1.129 | 25.82 | 0.08 | 0.13 | 26.03 | 46.00 | -19.97 | Average |
| 7 | 1.552 | 40.39 | 0.09 | 0.14 | 40.62 | 56.00 | -15.38 | QP |
| 8 | 1.552 | 24.42 | 0.09 | 0.14 | 24.65 | 46.00 | -21.35 | Average |
| 9 | 4.549 | 34.93 | 0.15 | 0.15 | 35.23 | 56.00 | -20.77 | QP |
| 10 | 4.549 | 19.41 | 0.15 | 0.15 | 19.71 | 46.00 | -26.29 | Average |
| 11 | 11.317 | 37.09 | 0.30 | 0.20 | 37.59 | 60.00 | -22.41 | QP |
| 12 | 11.317 | 20.61 | 0.30 | 0.20 | 21.11 | 50.00 | -28.89 | Average |

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
4. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.

7.2 Radiated Emission

| Test Requirement: | FCC Part15 B Section 15.109 | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|------------------|--------------------|------------------|-------------|--------|------------------|--------------|--------|------------------|------------------|------------|------------------|-------------|-------|------------------|------------|-------|---------------|---------------|------------|
| Test Method: | ANSI C63.4:2009 | | | | | | | | | | | | | | | | | | | | |
| Test Frequency Range: | 30MHz to 6GHz | | | | | | | | | | | | | | | | | | | | |
| Test site: | Measurement Distance: 3m (Semi-Anechoic Chamber) | | | | | | | | | | | | | | | | | | | | |
| Receiver setup: | <table border="1"> <thead> <tr> <th>Frequency</th> <th>Detector</th> <th>RBW</th> <th>VBW</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td>30MHz-1GHz</td> <td>Quasi-peak</td> <td>120kHz</td> <td>300kHz</td> <td>Quasi-peak Value</td> </tr> <tr> <td rowspan="2">Above 1GHz</td> <td>Peak</td> <td>1MHz</td> <td>3MHz</td> <td>Peak Value</td> </tr> <tr> <td>Peak</td> <td>1MHz</td> <td>10Hz</td> <td>Average Value</td> </tr> </tbody> </table> | 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 | |
| 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: | <table border="1"> <thead> <tr> <th>Frequency</th> <th>Limit (dBuV/m @3m)</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td>30MHz-88MHz</td> <td>40.00</td> <td>Quasi-peak Value</td> </tr> <tr> <td>88MHz-216MHz</td> <td>43.50</td> <td>Quasi-peak Value</td> </tr> <tr> <td>216MHz-960MHz</td> <td>46.00</td> <td>Quasi-peak Value</td> </tr> <tr> <td>960MHz-1GHz</td> <td>54.00</td> <td>Quasi-peak Value</td> </tr> <tr> <td rowspan="2">Above 1GHz</td> <td>54.00</td> <td>Average Value</td> </tr> <tr> <td>74.00</td> <td>Peak Value</td> </tr> </tbody> </table> | 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 |
| 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 Procedure: | <ol style="list-style-type: none"> The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 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. 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 rota table was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 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 setup: | Below 1GHz | | | | | | | | | | | | | | | | | | | | |



| | | | |
|-------------------|--------------|-------------|-------------------|
| Test environment: | Temp.: 25 °C | Humid.: 52% | Press.: 1 012mbar |
|-------------------|--------------|-------------|-------------------|

| | |
|-------------------|----------------------------------|
| Test Instruments: | Refer to section 6 for details |
| Test mode: | Refer to section 5.3 for details |
| Test results: | Pass |

Note:

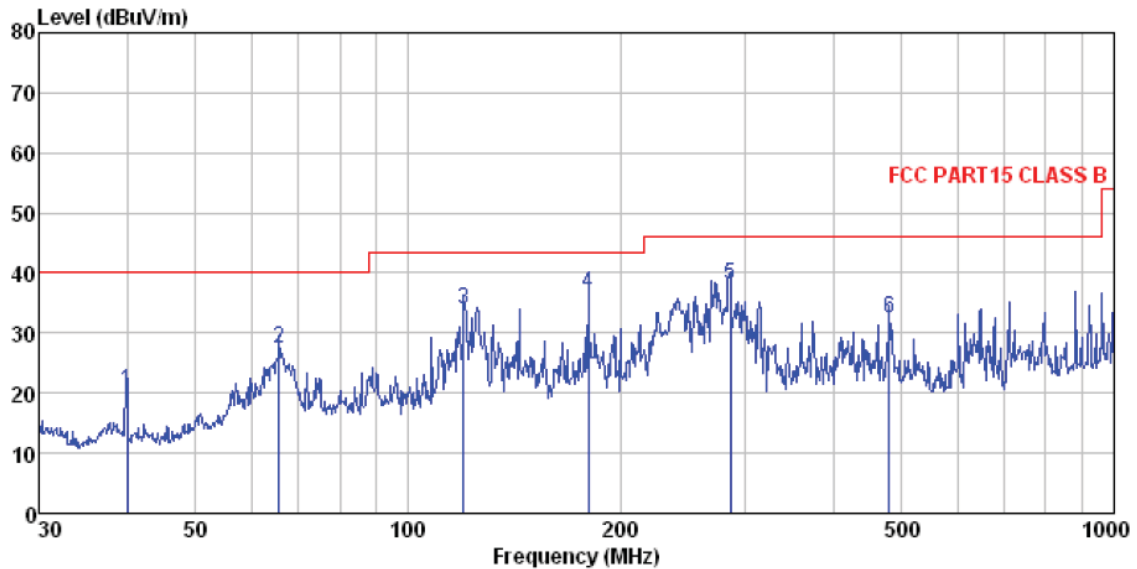
The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

$$Final\ Test\ Level = Receiver\ Reading + Antenna\ Factor + Cable\ Factor - Preamplifier\ Factor$$

Measurement Data

Below 1GHz

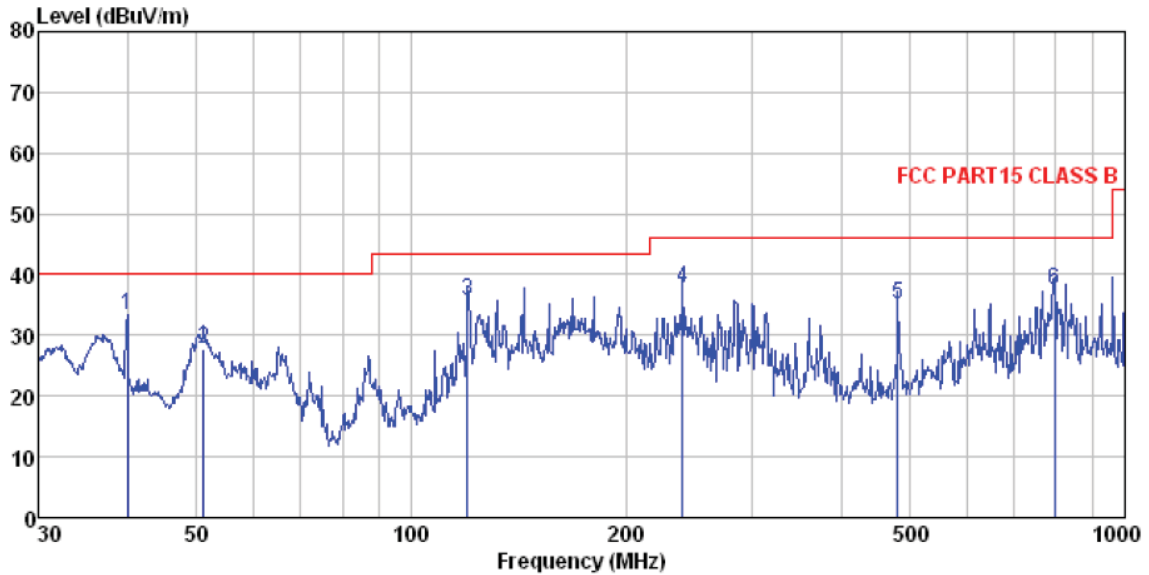
Horizontal:



Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m VULB9163-2013M HORIZONTAL
 Job No. : 0625RF
 Test Mode : PC mode
 Test Engineer: Chen

| | Read | Antenna | Cable | Preamp | Limit | Over | | |
|------|---------|---------|-------|--------|--------|--------|--------|-----------|
| Freq | Level | Factor | Loss | Factor | Line | Limit | Remark | |
| MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 39.994 | 34.12 | 15.58 | 0.66 | 30.04 | 20.32 | 40.00 | -19.68 QP |
| 2 | 65.573 | 43.98 | 12.44 | 0.90 | 29.88 | 27.44 | 40.00 | -12.56 QP |
| 3 | 119.856 | 49.79 | 12.48 | 1.36 | 29.57 | 34.06 | 43.50 | -9.44 QP |
| 4 | 180.017 | 52.38 | 11.68 | 1.74 | 29.27 | 36.53 | 43.50 | -6.97 QP |
| 5 | 285.978 | 50.93 | 14.78 | 2.29 | 29.91 | 38.09 | 46.00 | -7.91 QP |
| 6 | 480.528 | 40.55 | 18.07 | 3.22 | 29.34 | 32.50 | 46.00 | -13.50 QP |

Vertical:

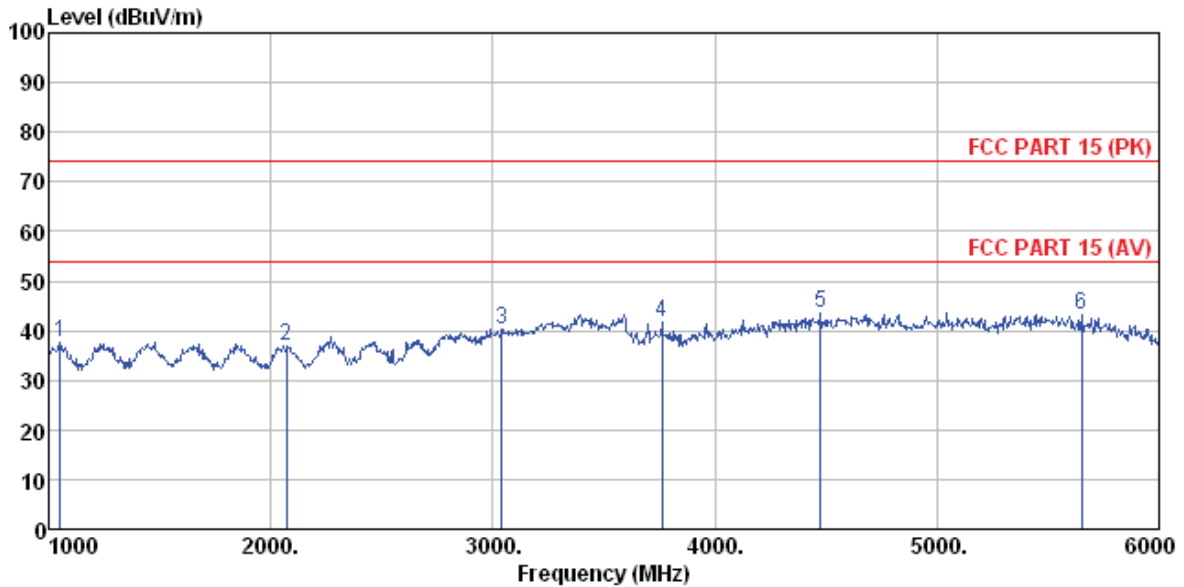


Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m VULB9163-2013M VERTICAL
 Job No. : 0625RF
 Test Mode : PC mode
 Test Engineer: Chen

| Freq | Read Level | Antenna Factor | Cable Loss | Preamp Factor | Level | Limit Line | Over Limit | Remark |
|------|------------|----------------|------------|---------------|--------|------------|------------|-----------|
| MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 39.994 | 47.05 | 15.58 | 0.66 | 30.04 | 33.25 | 40.00 | -6.75 QP |
| 2 | 51.121 | 41.74 | 15.20 | 0.78 | 29.99 | 27.73 | 40.00 | -12.27 QP |
| 3 | 119.856 | 51.43 | 12.48 | 1.36 | 29.57 | 35.70 | 43.50 | -7.80 QP |
| 4 | 239.987 | 51.08 | 14.09 | 2.07 | 29.56 | 37.68 | 46.00 | -8.32 QP |
| 5 | 480.528 | 43.31 | 18.07 | 3.22 | 29.34 | 35.26 | 46.00 | -10.74 QP |
| 6 | 796.183 | 40.23 | 22.01 | 4.45 | 29.20 | 37.49 | 46.00 | -8.51 QP |

Above 1GHz

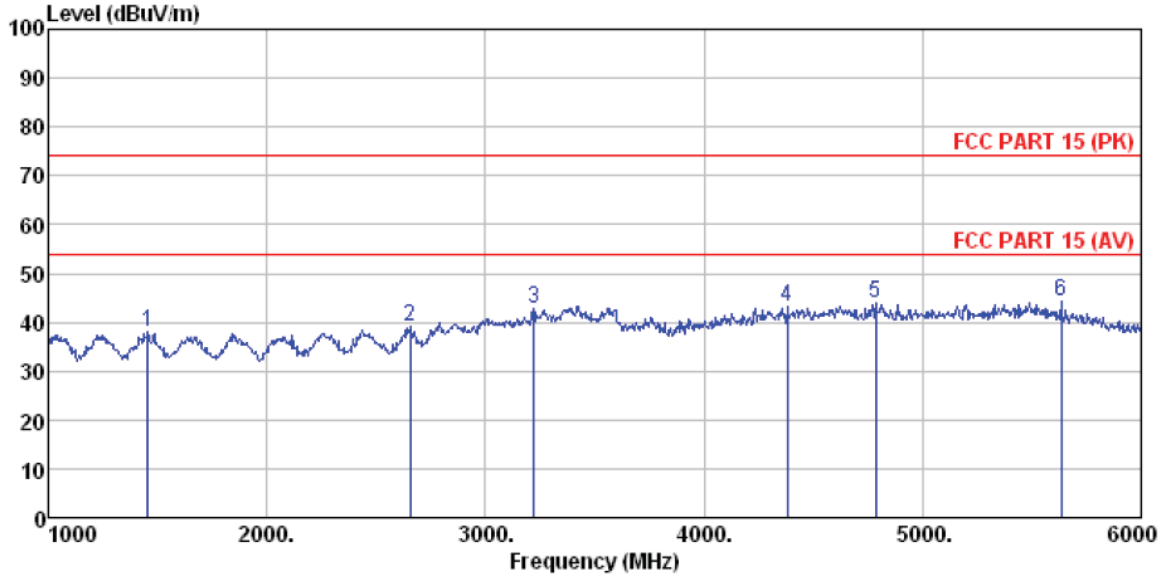
Horizontal:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 HORIZONTAL
 Job No. : 0625RF
 Test Mode : PC mode
 Test Engineer: Chen

| | Read | Antenna | Cable | Preamp | Limit | Over | |
|------|----------|---------|-------|--------|--------|--------|-------------------|
| Freq | Level | Factor | Loss | Factor | Level | Line | Limit Remark |
| MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB |
| 1 | 1050.000 | 66.26 | 0.00 | 4.34 | 32.84 | 37.76 | 74.00 -36.24 Peak |
| 2 | 2070.000 | 66.39 | 0.00 | 5.04 | 34.38 | 37.05 | 74.00 -36.95 Peak |
| 3 | 3040.000 | 67.57 | 0.00 | 6.02 | 33.28 | 40.31 | 74.00 -33.69 Peak |
| 4 | 3760.000 | 66.56 | 0.00 | 7.44 | 32.46 | 41.54 | 74.00 -32.46 Peak |
| 5 | 4475.000 | 66.99 | 0.00 | 8.31 | 31.92 | 43.38 | 74.00 -30.62 Peak |
| 6 | 5650.000 | 65.97 | 0.00 | 9.72 | 32.34 | 43.35 | 74.00 -30.65 Peak |

Vertical:

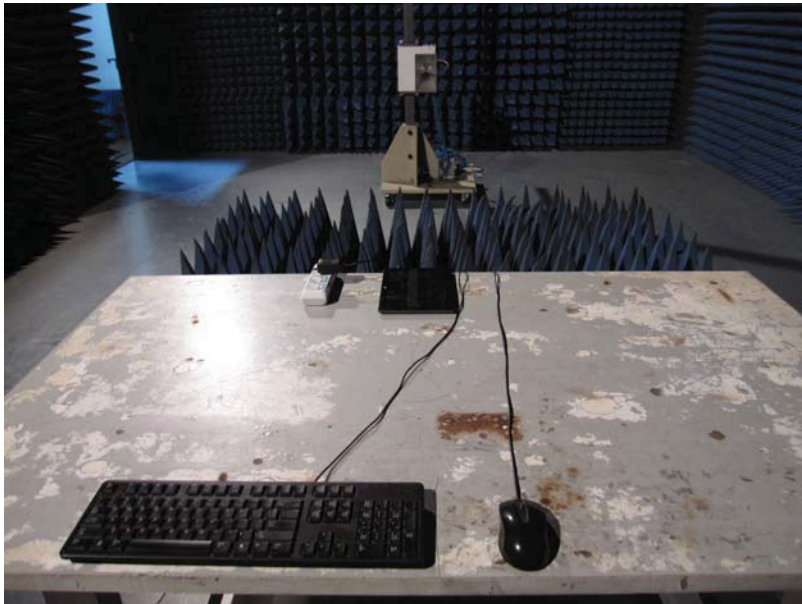


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 VERTICAL
 Job No. : 0625RF
 Test Mode : PC mode
 Test Engineer: Chen

| Freq | ReadAntenna | Cable | Preamp | Level | Limit | Over | Remark | | |
|------|--------------|-------------|--------|-------|--------|--------|--------|--------|------|
| | Level Factor | Loss Factor | Factor | | Line | Limit | | | |
| MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | | |
| 1 | 1455.000 | 66.79 | 0.00 | 4.65 | 33.53 | 37.91 | 74.00 | -36.09 | Peak |
| 2 | 2655.000 | 67.28 | 0.00 | 5.63 | 33.72 | 39.19 | 74.00 | -34.81 | Peak |
| 3 | 3220.000 | 69.27 | 0.00 | 6.41 | 33.06 | 42.62 | 74.00 | -31.38 | Peak |
| 4 | 4380.000 | 66.71 | 0.00 | 8.23 | 31.88 | 43.06 | 74.00 | -30.94 | Peak |
| 5 | 4785.000 | 67.23 | 0.00 | 8.59 | 32.08 | 43.74 | 74.00 | -30.26 | Peak |
| 6 | 5635.000 | 66.84 | 0.00 | 9.70 | 32.35 | 44.19 | 74.00 | -29.81 | Peak |

8 Test Setup Photo

Radiated Emission



Conducted Emission



9 EUT Constructional Details

Reference to the test report No. GTSE15040062501

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