



# FCC 47 CFR PART 15 SUBPART B

## TEST REPORT

*For*

**Applicant : TZT USA INDUSTRIES INC.**

**Address : 15520 ROCKFIELD BLVD, STE. B, IRVINE CA 92618**

**Product Name : Wireless Slate**

**Model Name : WS-10-01**

**Brand Name : N/A**

**FCC ID : UEOTZTWS1001V**

**Report No. : MOST100608F1**

**Date of Issue : June. 30, 2010**

**Issued by : Most Technology Service Co., Ltd.**

**Address : No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China**

**Tel : 86-755-8617 0306**

**Fax : 86-755-8617 0310**

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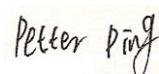
**1. VERIFICATION OF CONFORMITY**

**Equipment Under Test:** Wireless Slate  
**Brand Name:** N/A  
**Model Number:** WS-10-01  
**Series Number:** N/A  
**Model Difference description:** N/A  
**FCC ID:** UEOTZTWS1001V  
**Applicant:** TZT USA INDUSTRIES INC.  
15520 ROCKFIELD BLVD, STE. B, IRVINE CA 92618  
**Manufacturer:** TZT USA INDUSTRIES INC.  
15520 ROCKFIELD BLVD, STE. B, IRVINE CA 92618  
**Technical Standards:** FCC Part 15 B  
**File Number:** MOST100608F1  
**Date of test:** June. 18 ~ June. 30, 2010  
**Deviation:** None  
**Condition of Test Sample:** Normal  
**Test Result:** PASS

The above equipment was tested by MOST for compliance with the requirements set forth in FCC Part 15 and the Technical Standards mentioned above. This said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment and the level of the immunity endurance of the equipment are within the compliance requirements.

The test results of this report relate only to the tested sample identified in this report.

Tested by (+ signature):



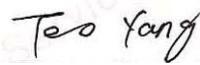
Petter Ping June. 30, 2010

Review by (+ signature):



July Wen June. 30, 2010

Approved by (+ signature):



Terry Yang June. 30, 2010

## 2. GENERAL INFORMATION

### 2.1 PRODUCT INFORMATION

**Housing Type:** Plastic

**EUT Rating Voltage:** DC 3.7V by battery/ DC 5V by the adapter (AC 100-240V 50/60Hz) /DC 5V by USB port

**Voltage During Test:** AC 120V/60Hz

**I/O Type of EUT:** USB Port

**I/O Q'TY:** 1

**Model Number:** WS-10-01

**Series Number:** N/A

**Description of Differences:** N/A

**NOTE:**

1. Please refer to Appendix 2 for the photographs of the EUT. For a more detailed features description about the EUT, please refer to User's Manual.

### 2.2 OBJECTIVE

Perform FCC Part 15 Subpart B tests for FCC Marking.

### 2.3 TEST STANDARDS AND RESULTS

Test items and the results are as bellow:

| EMISSION                     |           |        |                    |
|------------------------------|-----------|--------|--------------------|
| Standard                     | Item      | Result | Remarks            |
| FCC 47 CFR Part 15 Subpart B | Conducted | PASS   | Meet Class B limit |
|                              | Radiated  | PASS   | Meet Class B limit |

Note: 1. The test result judgment is decided by the limit of measurement standard  
2. The information of measurement uncertainty is available upon the customer's request.

## 2.4 ENVIRONMENTAL CONDITIONS

During the measurement the environmental conditions were within the listed ranges:

- Temperature: 15-35°C
- Humidity: 30-60 %
- Atmospheric pressure: 86-106 kPa

## 2.5 MEASUREMENT UNCERTAINTY

The uncertainty is calculated using the methods suggested in the “Guide to the Expression of Uncertainty in Measurement” (GUM) published by ISO.

- Uncertainty of Conducted Emission,  $U_c = \pm 1.8\text{dB}$
- Uncertainty of Radiated Emission,  $U_c = \pm 3.2\text{dB}$

### 3. TEST METHODOLOGY

#### 3. 1 TEST FACILITY

Test Site: Most Technology Service Co.,ltd

Location: No.5, Langshan 2nd Rd, North Hi-Tech Industrial park, Nanshan, Shenzhen, Guangdong, China

Description: There is one 3m semi-anechoic an area test sites and two line conducted labs for final test. The Open Area Test Sites and the Line Conducted labs are constructed and calibrated to meet the FCC requirements in documents ANSI C63.4:2003 and CISPR 16 requirements. The FCC Registration Number is **490827**.  
The **CNAS** Registration Number is **CNAS L3573**.

Site Filing: The site description is on file with the Federal Communications Commission, 7435 Oakland Mills Road, Columbia, MD 21046.

Instrument Tolerance: All measuring equipment is in accord with ANSI C63.4:2003 and CISPR 16 requirements that meet industry regulatory agency and accreditation agency requirement.

Ground Plane: Two conductive reference ground planes were used during the Line Conducted Emission, one in vertical and the other in horizontal. The dimensions of these ground planes are as below. The vertical ground plane was placed distancing 40 cm to the rear of the wooden test table on where the EUT and the support equipment were placed during test. The horizontal ground plane projected 50 cm beyond the footprint of the EUT system and distanced 80 cm to the wooden test table. For Radiated Emission Test, one horizontal conductive ground plane extended at least 1m beyond the periphery of the EUT and the largest measuring antenna, and covered the entire area between the EUT and the antenna. It has no holes or gaps having longitudinal dimensions larger than one-tenth of a wavelength at the highest frequency of measurement up to 1GHz.

### 3.2 GENERAL TEST PROCEDURES

#### Conducted Emissions

The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in Section 13.1.4.1 of ANSI C63.4:2003, Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-peak and average detector modes.

#### Radiated Emissions

The EUT is placed on a turn table, which is 0.8 m above ground plane. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in Section 13.1.4.1 of ANSI C63.4:2003.

## 4 SETUP OF EQUIPMENT UNDER TEST

### 4.1 SETUP CONFIGURATION OF EUT

See test photographs attached in Appendix 1 for the actual connections between EUT and support equipment.

### 4.2 SUPPORT EQUIPMENT

| Device Type | Brand  | Model     | Series No.                   | Data Cable          | Power Cord          |
|-------------|--------|-----------|------------------------------|---------------------|---------------------|
| PC          | Lenovo | T3900-SY2 | SS05750640                   | N/A                 | 1.8M<br>Un-Shielded |
| MONITOR     | Dell   | E178FPc   | CN-0WR979-64180-761-1S<br>KS | 1.6M<br>Un-Shielded | 1.8M<br>Un-Shielded |
| KEYBOARD    | Unis   | WN10      | WN10200807005590             | 1.6M<br>Un-Shielded | N/A                 |
| MOUSE       | Lenovo | M-UAE96   | E-C011-05-3735(B)            | 1.6M<br>Un-Shielded | N/A                 |

*Remark:*

*All the equipment/cables were placed in the worst-case [-configuration to maximize the emission during the test.*

*Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.*

#### 4. 3 TEST EQUIPMENT LIST

**Instrumentation:** The following list contains equipment used at MOST for testing. The equipment conforms to the CISPR 16-1 / ANSI C63.2 Specifications for Electromagnetic Interference and Field Strength Instrumentation from 10 kHz to 1.0 GHz or above.

| No. | Equipment                            | Manufacturer      | Model No.      | S/N         | Calculator due date |
|-----|--------------------------------------|-------------------|----------------|-------------|---------------------|
| 1   | Test Receiver                        | Rohde & Schwarz   | ESCI           | 100492      | 2011/03/14          |
| 2   | L.I.S.N.                             | Rohde & Schwarz   | ENV216         | 100093      | 2011/03/14          |
| 3   | Coaxial Switch                       | Anritsu Corp      | MP59B          | 6200283933  | 2011/03/14          |
| 4   | Terminator                           | Hubersuhner       | 50Ω            | No.1        | 2011/03/14          |
| 5   | RF Cable                             | SchwarzBeck       | N/A            | No.1        | 2011/03/14          |
| 6   | Test Receiver                        | Rohde & Schwarz   | ESPI           | 101202      | 2011/03/14          |
| 7   | Bilog Antenna                        | Sunol             | JB3            | A121206     | 2011/03/14          |
| 8   | Test Antenna - Horn                  | Schwarzbeck       | BBHA 9120C     | --          | 2011/03/14          |
| 9   | Test Antenna - Bi-Log                | Schwarzbeck       | VULB 9163      | --          | 2011/03/14          |
| 10  | Cable                                | Resenberger       | N/A            | NO.1        | 2011/03/14          |
| 11  | Cable                                | SchwarzBeck       | N/A            | NO.2        | 2011/03/14          |
| 12  | Cable                                | SchwarzBeck       | N/A            | NO.3        | 2011/03/14          |
| 13  | DC Power Filter                      | DuoJi             | DL2×30B        | N/A         | 2011/03/14          |
| 14  | Single Phase Power Line Filter       | DuoJi             | FNF 202B30     | N/A         | 2011/03/14          |
| 15  | 3 Phase Power Line Filter            | DuoJi             | FNF 402B30     | N/A         | 2011/03/14          |
| 16  | Test Receiver                        | Rohde & Schwarz   | ESCI           | 100492      | 2011/03/14          |
| 17  | Absorbing Clamp                      | Luthi             | MDS21          | 3635        | 2011/03/14          |
| 18  | Coaxial Switch                       | Anritsu Corp      | MP59B          | 6200283933  | 2011/03/14          |
| 19  | AC Power Source                      | Kikusui           | AC40MA         | LM003232    | 2011/03/14          |
| 20  | Test Analyzer                        | Kikusui           | KHA1000        | LM003720    | 2011/03/14          |
| 21  | Line Impedance Network               | Kikusui           | LIN40MA-PCR-L  | LM002352    | 2011/03/14          |
| 22  | ESD Tester                           | Kikusui           | KES4021        | LM003537    | 2011/03/14          |
| 23  | EMCPRO System                        | EM Test           | UCS-500-M4     | V0648102026 | 2011/03/14          |
| 24  | Signal Generator                     | IFR               | 2032           | 203002/100  | 2011/03/14          |
| 25  | Amplifier                            | A&R               | 150W1000       | 301584      | 2011/03/14          |
| 26  | CDN                                  | FCC               | FCC-801-M2-25  | 47          | 2011/03/14          |
| 27  | CDN                                  | FCC               | FCC-801-M3-25  | 107         | 2011/03/14          |
| 28  | EM Injection Clamp                   | FCC               | F-203I-23mm    | 403         | 2011/03/14          |
| 29  | RF Cable                             | MIYAZAKI          | N/A            | No.1/No.2   | 2011/03/14          |
| 30  | Universal Radio Communication Tester | ROHDE&SCHWARZ     | CMU200         | 0304789     | 2011/03/14          |
| 31  | Telecommunication Antenna            | European Antennas | PSA 75301R/170 | 0304213     | 2011/03/14          |

**NOTE:** Equipments listed above have been calibrated and are in the period of validation.

## 5. 47 CFR PART 15B REQUIREMENTS

### 5.1 GENERAL INFORMATION

#### **EUT Function and Test Mode**

The EUT has been tested under normal operating (TX) and standby (RX) condition.

The field strength of radiation emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis).

The following data show only with the worst case setup.

The worst case of Y axis was reported.

Based on client request, all normal using modes were tested but only the worst test data of the worst mode is reported by this report.

## 6. LINE CONDUCTED EMISSION TEST

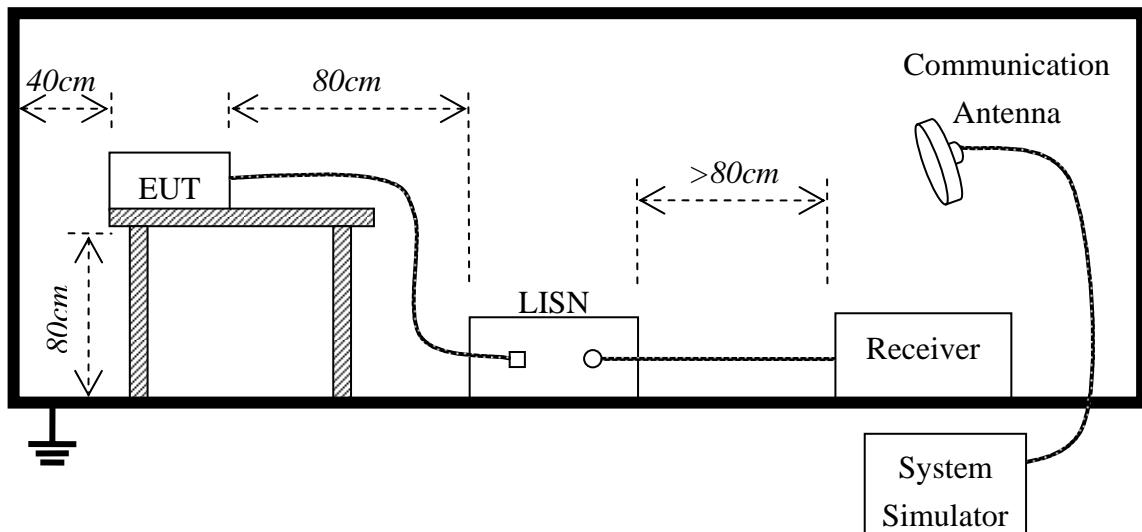
### 6.1. LIMITS OF LINE CONDUCTED EMISSION TEST

| Frequency     | Maximum RF Line Voltage |                |
|---------------|-------------------------|----------------|
|               | Q.P.( dBuV)             | Average( dBuV) |
| 150kHz-500kHz | 66-56                   | 56-46          |
| 500kHz-5MHz   | 56                      | 46             |
| 5MHz-30MHz    | 60                      | 50             |

**\*\*Note:** 1. the lower limit shall apply at the transition frequency.

2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz

### 6.2. BLOCK DIAGRAM OF TEST SETUP



### 6.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST

- 1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per FCC Part 15 (see Test Facility for the dimensions of the ground plane used). When the EUT is floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2) Support equipment, if needed, was placed as per FCC Part 15.
- 3) All I/O cables were positioned to simulate typical actual usage as per FCC Part 15.
- 4) The EUT received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
- 5) All support equipments received power from a second LISN supplying power of AC 120V/60Hz, if any.
- 6) The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7) Analyzer / Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.
- 8) During the above scans, the emissions were maximized by cable manipulation.
- 9) The following test mode(s) were scanned during the preliminary test:

| Preliminary Conducted Emission Test |            |                  |                    |                                     |
|-------------------------------------|------------|------------------|--------------------|-------------------------------------|
| Frequency Range Investigated        |            | 150KHz TO 30 MHz |                    |                                     |
| Mode of operation                   | Date       | Report No.       | Data#              | Worst Mode                          |
| Charging Mode                       | 2010-06-25 | MOST100608F1     | WS-10-01_0_( L, N) | <input checked="" type="checkbox"/> |
| PC Mode                             | 2010-06-25 | MOST100608F1     | WS-10-01_1_( L, N) | <input type="checkbox"/>            |

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

### 6.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

EUT and support equipment was set up on the test bench as per step 9 of the preliminary test.

A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less -2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.

The test data of the worst case condition(s) was reported on the Summary Data page.

## 6.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST



Address: No.5, Langshan 2nd Rd., North Hi-Tech Industrial park  
Guangdong, China  
Tel: 0755-86170306 Fax 0755-86170310

### Conducted Emission Measurement

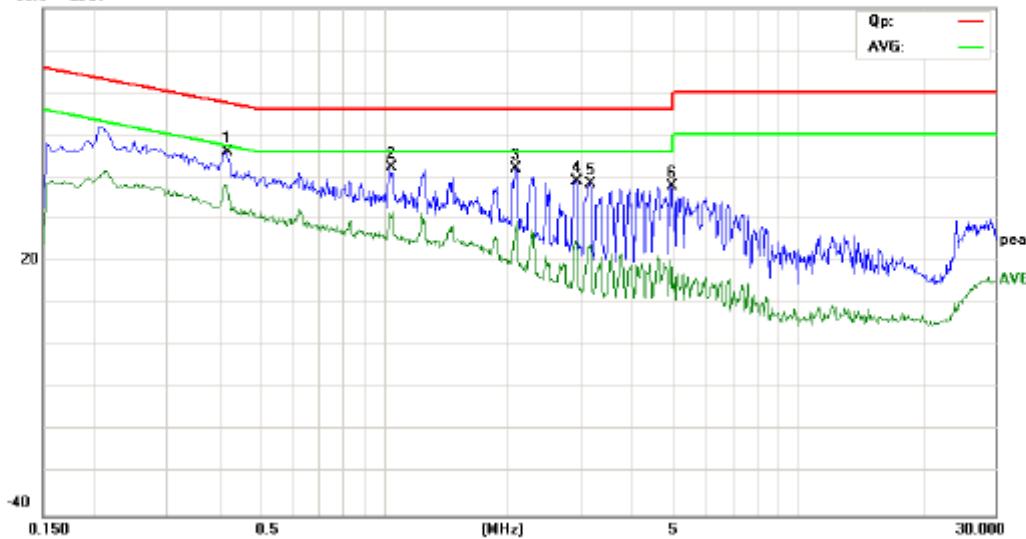
File: MOST-10-01

Data #3

Date: 10/06/25/

Time: 16:00:00

80.0 dBuV



Site: site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: Wireless Slate

MN: WS-10-01

Mode: Charging Mode

Note:

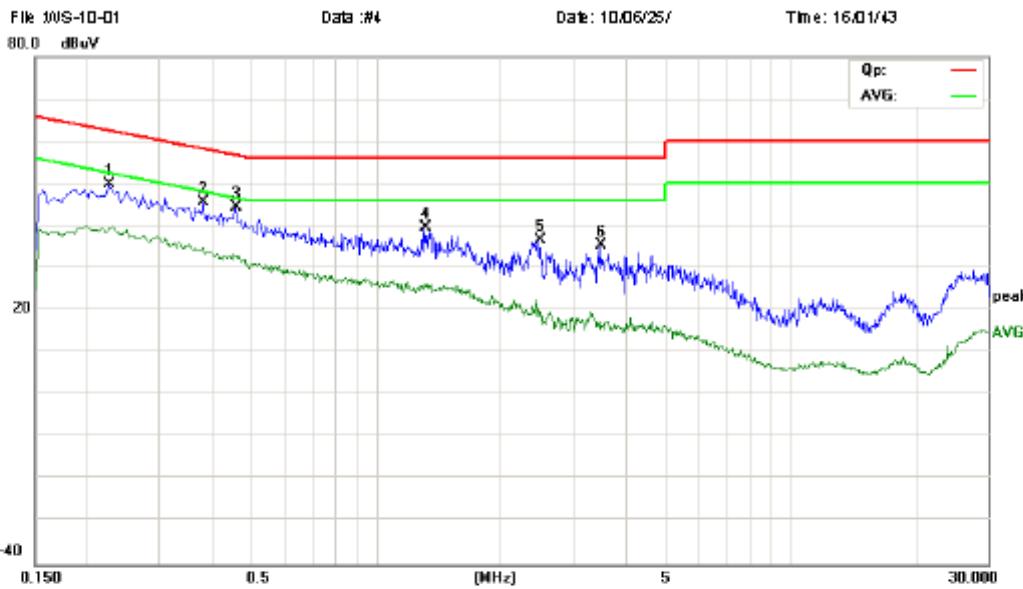
| No. | Mk. | Freq.  | Reading | Correct | Measure- | Limit | Over   | Detector | Comment |
|-----|-----|--------|---------|---------|----------|-------|--------|----------|---------|
|     |     |        | Level   | Factor  | ment     |       |        |          |         |
|     |     | MHz    | dBuV    | dB      | dBuV     | dBuV  | dB     |          |         |
| 1   | *   | 0.4180 | 35.39   | 10.55   | 45.94    | 57.49 | -11.55 | peak     |         |
| 2   |     | 1.0420 | 32.47   | 9.96    | 42.43    | 56.00 | -13.57 | peak     |         |
| 3   |     | 2.0820 | 32.87   | 9.08    | 41.95    | 56.00 | -14.05 | peak     |         |
| 4   |     | 2.9100 | 29.05   | 9.91    | 38.96    | 56.00 | -17.04 | peak     |         |
| 5   |     | 3.1460 | 28.18   | 10.15   | 38.33    | 56.00 | -17.67 | peak     |         |
| 6   |     | 4.9300 | 26.07   | 11.93   | 38.00    | 56.00 | -18.00 | peak     |         |

\*:Maximum data x:Over limit !:over margin



Address: No.5, Langshan 2nd Rd., North Hi-Tech Industrial park  
Guangdong, China  
Tel: 0755-86170306 Fax: 0755-86170310

### Conducted Emission Measurement



Site: site #1 Phase: **L1** Temperature: 26  
Limit: FCC Part15 B Class B QP Power: AC 120V/60Hz Humidity: 60 %  
EUT: Wireless Slate  
M/N: WS-10-01  
Mode: Charging Mode  
Note:

| No. Mk. | Freq.<br>MHz | Reading<br>Level | Correct<br>Factor | Measure-<br>ment | Limit | Over   | Detector | Comment |
|---------|--------------|------------------|-------------------|------------------|-------|--------|----------|---------|
|         |              | dBuV             | dB                | dBuV             | dB    |        |          |         |
| 1       | 0.2260       | 38.13            | 11.83             | 49.96            | 62.60 | -12.64 | peak     |         |
| 2       | 0.3820       | 34.99            | 10.79             | 45.78            | 58.24 | -12.46 | peak     |         |
| 3 *     | 0.4580       | 34.22            | 10.28             | 44.50            | 56.73 | -12.23 | peak     |         |
| 4       | 1.3100       | 29.97            | 9.69              | 39.66            | 56.00 | -16.34 | peak     |         |
| 5       | 2.4860       | 27.09            | 9.49              | 36.58            | 56.00 | -19.42 | peak     |         |
| 6       | 3.4740       | 25.10            | 10.47             | 35.57            | 56.00 | -20.43 | peak     |         |

\*:Maximum data x:Over limit !:over margin

## 7. RADIATED EMISSION TEST

### 7.1. LIMITS OF RADIATED DISTURBANCES AT 3M DISTANCES FOR CLASS B

According to FCC section 15.249(d), radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a).

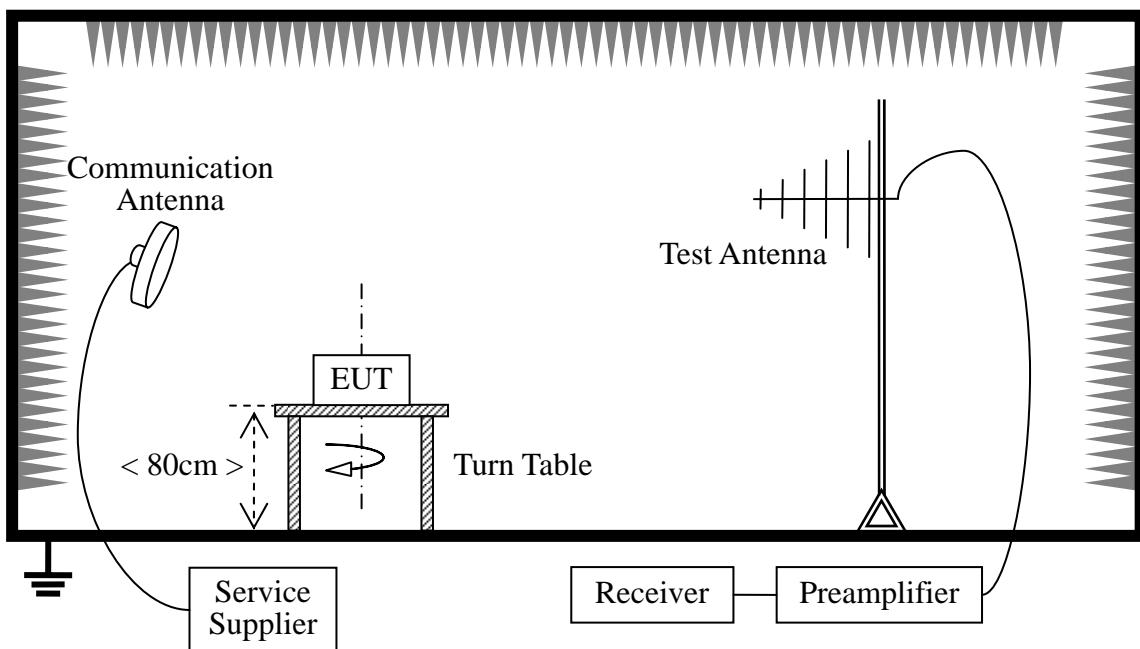
According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

| Frequency (MHz) | Field Strength ( $\mu$ V/m) | Measurement Distance (m) |
|-----------------|-----------------------------|--------------------------|
| 0.009 - 0.490   | $2400/F(\text{kHz})$        | 300                      |
| 0.490 - 1.705   | $24000/F(\text{kHz})$       | 30                       |
| 1.705 - 30.0    | 30                          | 30                       |
| 30 - 88         | 100                         | 3                        |
| 88 - 216        | 150                         | 3                        |
| 216 - 960       | 200                         | 3                        |
| Above 960       | 500                         | 3                        |

As shown in FCC section 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector. When average radiated emission measurements are specified in this part, including emission measurements below 1000MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit for the frequency being investigated unless a different peak emission limit is otherwise specified in the rules.

### 7.2 TEST DESCRIPTION

#### Test Setup:



The EUT is powered by the Battery charged with the AC Adapter which is powered by 120V, 60Hz AC mains supply. The Module is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading. During the measurement, the EUT is activated and transmitting with the other Bluetooth device (Supply by the Applicant) during the test.

For the Test Antenna:

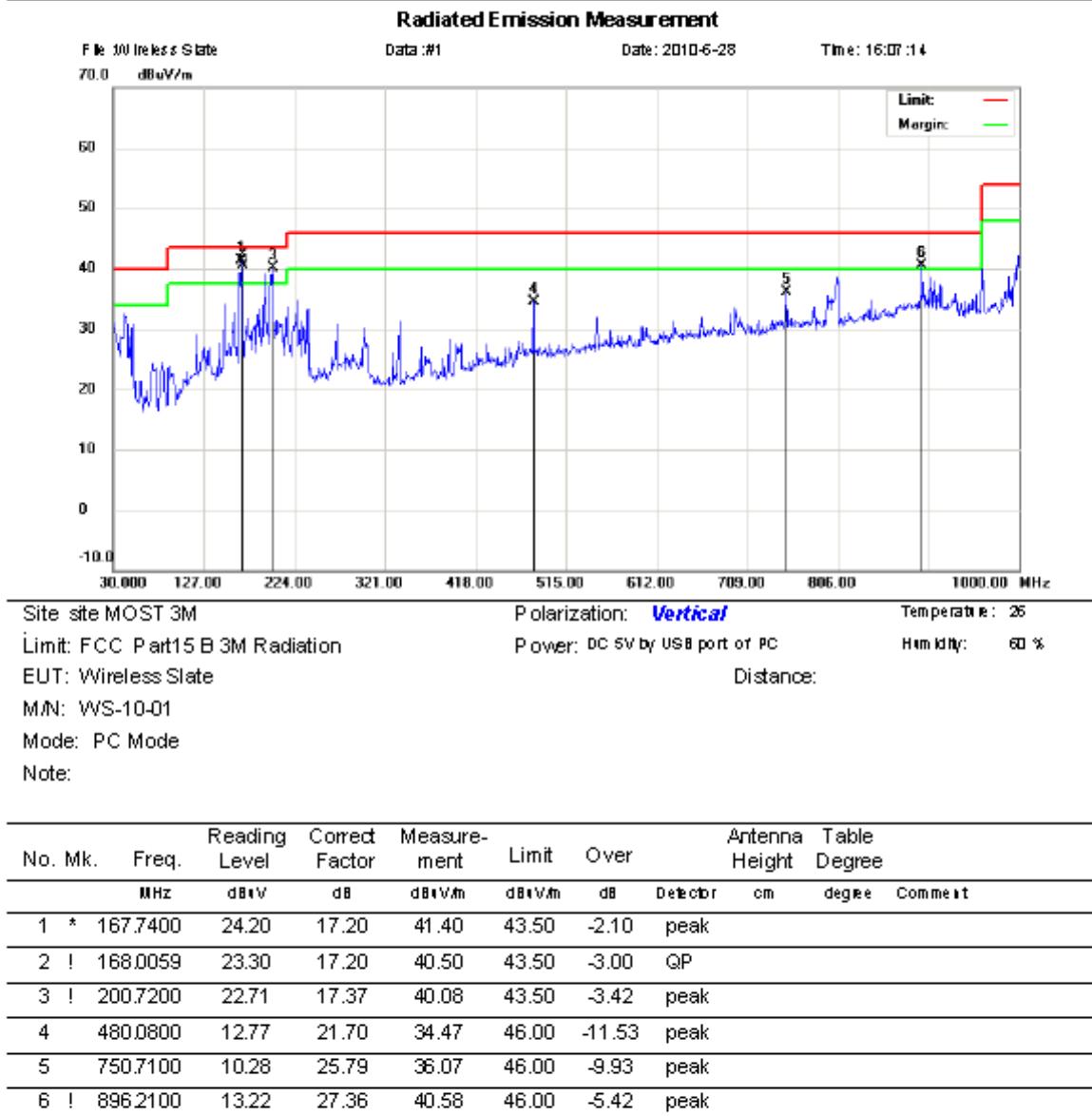
- (a) In the frequency range of 9 kHz to 30MHz, magnetic field is measured with Loop Test Antenna. The Test Antenna is positioned with its plane vertical at 1m distance from the EUT. The center of the Loop Test Antenna is 1m above the ground. During the measurement the Loop Test Antenna rotates about its vertical axis for maximum response at each azimuth about the EUT.
- (b) In the frequency range above 30MHz, Bi-Log Test Antenna (30MHz to 1GHz) and Horn Test Antenna (above 1GHz) are used. Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength. The emission levels at both horizontal and vertical polarizations should be tested.

| Preliminary Radiated Emission Test |            |              |                    |                                     |
|------------------------------------|------------|--------------|--------------------|-------------------------------------|
| Frequency Range Investigated       |            |              | 30 MHz TO 1000 MHz |                                     |
| Mode of operation                  | Date       | Report No.   | Data#              | Worst Mode                          |
| Charging Mode                      | 2010-06-28 | MOST100608F1 | WS-10-01_0_( H, V) | <input type="checkbox"/>            |
| PC Mode                            | 2010-06-28 | MOST100608F1 | WS-10-01_1_( H, V) | <input checked="" type="checkbox"/> |
| Normal Working                     | 2010-06-28 | MOST100608F1 | WS-10-01_2_( H, V) | <input type="checkbox"/>            |

### 7.3 TEST RESULT



Address: No.5, Langshan 2nd Rd., North Hi-Tech Industrial park  
Guangdong, China  
Tel: 0755-86170306 Fax 0755-86170310

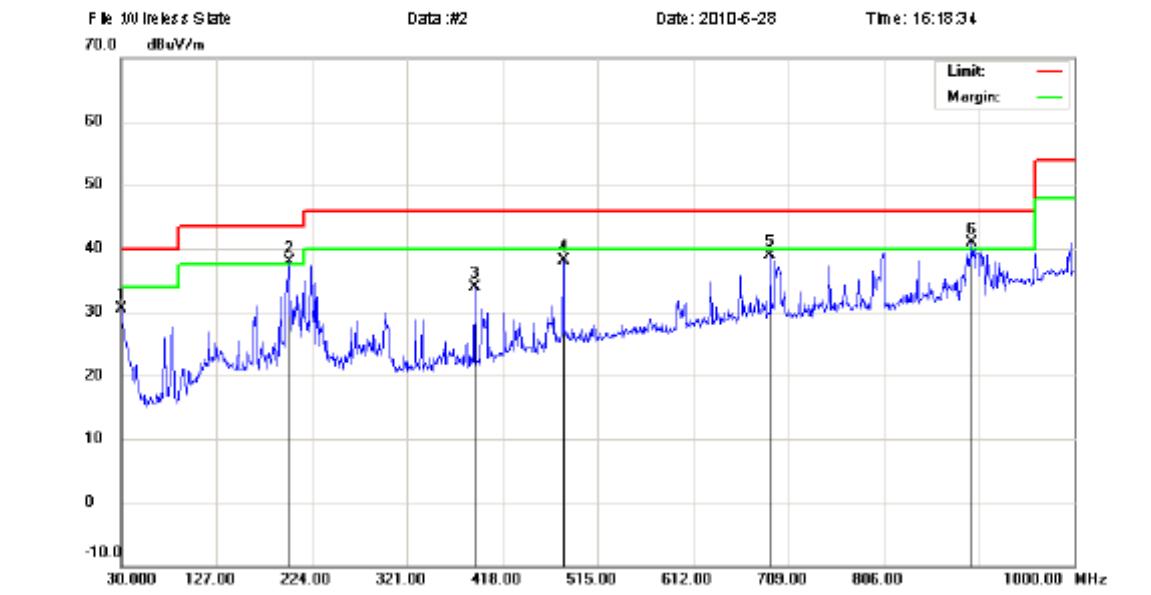


\*:Maximum data    x:Over limit    !:over margin



Address: No.5, Langshan 2nd Rd., North Hi-Tech Industrial park  
Guangdong, China  
Tel: 0755-86170306 Fax 0755-86170310

### Radiated Emission Measurement



Site: site MOST 3M

Polarization: **Horizontal**

Temperature: 25

Limit: FCC Part15 B 3M Radiation

Power: DC 5V by USB port of PC

Humidity: 60 %

EUT: Wireless Slate

Distance:

M/N: WS-10-01

Mode: PC Mode

Note:

| No. Mk. | Freq.<br>MHz | Reading       | Correct      | Measure-       | Limit<br>dBuV/m | Over<br>dB | Detector | Antenna<br>Height<br>cm | Table<br>Degree |
|---------|--------------|---------------|--------------|----------------|-----------------|------------|----------|-------------------------|-----------------|
|         |              | Level<br>dBuV | Factor<br>dB | ment<br>dBuV/m |                 |            |          |                         |                 |
| 1       | 30.0000      | 5.62          | 24.80        | 30.42          | 40.00           | -9.58      | peak     |                         |                 |
| 2 !     | 200.7200     | 20.57         | 17.37        | 37.94          | 43.50           | -5.56      | peak     |                         |                 |
| 3       | 389.8700     | 15.65         | 18.30        | 33.95          | 46.00           | -12.05     | peak     |                         |                 |
| 4       | 480.0800     | 16.48         | 21.70        | 38.18          | 46.00           | -7.82      | peak     |                         |                 |
| 5       | 690.5700     | 14.54         | 24.42        | 38.96          | 46.00           | -7.04      | peak     |                         |                 |
| 6 *     | 896.2100     | 13.61         | 27.36        | 40.97          | 46.00           | -5.03      | peak     |                         |                 |

\*:Maximum data x:Over limit !:over margin



Address: No.5, Langshan 2nd Rd., North Hi-Tech Industrial park  
 Guangdong, China  
 Tel: 0755-86170306 Fax 0755-86170310

### Radiated Emission Measurement

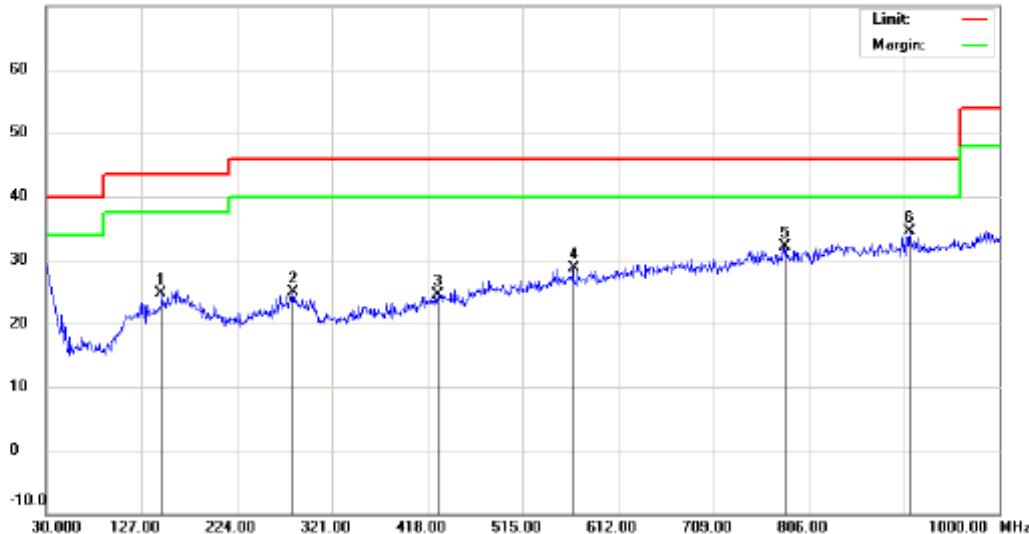
File: WS-10-01

Data #8

Date: 2010-6-28

Time: 12:10:17

70.0 dBuV/m



Site: site MOST 3M

Polarization: **Vertical**

Temperature: 25

Limit: FCC Part15 B 3M Radiation

Power: AC 120V60Hz

Humidity: 60 %

EUT: Wireless Slate

Distance:

M/N: WS-10-01

Mode: Charging Mode

Note:

| No. Mk. | Freq.<br>MHz | Reading       | Correct | Measure- | Limit<br>dBuV/m | Over<br>dB | Detector | Antenna<br>Height<br>cm | Table<br>Degree |
|---------|--------------|---------------|---------|----------|-----------------|------------|----------|-------------------------|-----------------|
|         |              | Level<br>dBuV | Factor  | ment     |                 |            |          |                         |                 |
| 1       | 147.3700     | 7.92          | 16.71   | 24.63    | 43.50           | -18.87     | peak     |                         |                 |
| 2       | 281.2300     | 5.47          | 19.41   | 24.88    | 46.00           | -21.12     | peak     |                         |                 |
| 3       | 428.6700     | 4.19          | 20.30   | 24.49    | 46.00           | -21.51     | peak     |                         |                 |
| 4       | 566.4099     | 5.97          | 22.79   | 28.76    | 46.00           | -17.24     | peak     |                         |                 |
| 5       | 780.7799     | 5.87          | 26.18   | 32.05    | 46.00           | -13.95     | peak     |                         |                 |
| 6 *     | 908.8200     | 6.87          | 27.58   | 34.45    | 46.00           | -11.55     | peak     |                         |                 |

\*:Maximum data x:Over limit !:over margin



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#### Radiated Emission Measurement

FCC ID: WS-10-01

Data #9

Date: 2010-6-28

Time: 12:11:27

70.0 dBuV/m



Site: site MOST 3M

Polarization: **Horizontal**

Temperature: 25

Limit: FCC Part15 B 3M Radiation

Power: AC 120V60Hz

Humidity: 60 %

EUT: Wireless Slate

Distance:

M/N: WS-10-01

Mode: Charging Mode

Note:

| No. Mk. | Freq.<br>MHz | Reading<br>Level | Correct<br>Factor | Measure-<br>ment | Limit  | Over   | Antenna<br>Height<br>cm | Table<br>Degree | Comment |
|---------|--------------|------------------|-------------------|------------------|--------|--------|-------------------------|-----------------|---------|
|         |              | dBuV             | dB                | dBuV/m           | dBuV/m | dB     | Detector                | degree          |         |
| 1       | 126.0300     | 5.05             | 17.70             | 22.75            | 43.50  | -20.75 | peak                    |                 |         |
| 2       | 296.7500     | 5.21             | 19.30             | 24.51            | 46.00  | -21.49 | peak                    |                 |         |
| 3       | 470.3800     | 4.75             | 21.22             | 25.97            | 46.00  | -20.03 | peak                    |                 |         |
| 4       | 579.0200     | 5.36             | 22.88             | 28.24            | 46.00  | -17.76 | peak                    |                 |         |
| 5       | 781.7500     | 5.63             | 26.16             | 31.79            | 46.00  | -14.21 | peak                    |                 |         |
| 6 *     | 908.8200     | 6.15             | 27.58             | 33.73            | 46.00  | -12.27 | peak                    |                 |         |

\*:Maximum data x:Over limit !:over margin

-----END OF REPORT-----