



# **FCC 47 CFR PART 15 SUBPART B**

## **TEST REPORT**

*For*

**Applicant : IVIO INTERNATIONAL LTD**

**Address : 12F, No17, SEC, 1Chengde. Rd Datong Dist Taipei City, 10351,  
Taiwan(R.O.C)**

**Product Name : MD70 PLUS**

**Model Name : EVO 7**

**Brand Name : IVIO**

**FCC ID : A2CEVO7**

**Report No. : STS111122F1**

**Date of Issue : November. 27, 2011**

**Issued by : Shenzhen Super Test Service Technology Co., Ltd.**

**Address : No.5, Langshan 2nd Rd., North Hi-Tech Industrial Park,  
Nanshan Shenzhen, China**

**Tel : 86-755-2795 8522**

**Fax : 86-755-2795 8022**

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**1. VERIFICATION OF CONFORMITY**

**Equipment Under Test:** MD70 PLUS  
**Brand Name:** IVIO  
**Model Number:** EVO 7  
**Series Model Name:** N/A  
**Difference description:** N/A  
**FCC ID:** A2CEVO7  
**Applicant:** IVIO INTERNATIONAL LTD  
12F, No. 17, SEC. 1 Chengde Rd Dist Taipei City, 10351, Taiwan (R.O.C)  
IDEA INTERNATIONAL LIMITED  
**Manufacturer:** 1508, 15/F, West Tower of Coastal City, Haide 3Rd, Nanshan District,  
Shenzhen, China  
**Technical Standards:** FCC Part 15 B  
**File Number:** STS111122F1  
**Date of test:** November. 03, 2011 ~ November. 27, 2011  
**Deviation:** None  
**Condition of Test Sample:** Normal  
**Test Result:** PASS

The above equipment was tested by STS 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):



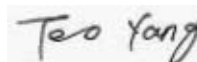
Zhang Ling November. 27, 2011

Review by (+ signature):



July Wen November. 27, 2011

Approved by (+ signature):



Terry Yang November. 27, 2011

## 2. GENERAL INFORMATION

### 2.1 PRODUCT INFORMATION

<b>EUT1- Mobile Phone</b>	
Description:	MD70 PLUS
Brand Name:	IVIO
Model Name:	EVO 7
IMEI No.:	--
Hardware Version:	md70_plus_common_P2
Software Version:	md70_plus_common
<b>Ancillary Equipment – Power Supply</b>	
Description:	Travel Charger
Model Name:	LFS0501000D-A8S
Brand Name:	Samson power
Manufacturer:	Shenzhen jinshui Technology Co., Ltd
Rated Input:	AC 100-240V, 50/60Hz, 0.2A
Rated Output:	DC 5V, 1.0A
Length USB cable:	1.25m
<b>Ancillary Equipment – Battery</b>	
Description:	Lithium-ion Battery
Model Name:	MD70PLUS
Brand Name:	TCL
Manufacturer:	TCL HYPER-POWER BATTERIES INC
Capacitance:	3500 mAh
Rated Voltage:	3.7V
Charge Limit:	4.2V

**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 (10-1-05 Edition)	§15.107	Conducted Emission	PASS	Meet Class B limit
	§15.109	Radiated Emission	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

### 3. TEST FACILITY

Test Site:	Compliance Certification Services Inc. (Kun shan) Laboratory
Location:	No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China
Description:	<p>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 C63.4:2009 and CISPR 16 requirements.</p> <p>The FCC Registration Number is <b>424105</b>.</p>
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 C63.4:2009 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.

## 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	FCC ID	Series No.	Data Cable	Power Cord
Notebook	Lenovo	8890	N/A	L3-A19107/08	N/A	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	Calibration date	Calibration due date
1	Test Receiver	Rohde & Schwarz	ESCI	100492	2011/03/14	2012/03/14
2	L.I.S.N.	Rohde & Schwarz	ENV216	100093	2011/03/14	2012/03/14
3	Coaxial Switch	Anritsu Corp	MP59B	6200283933	2011/03/14	2012/03/14
4	Terminator	Hubersuhner	50Ω	No.1	2011/03/14	2012/03/14
5	RF Cable	SchwarzBeck	N/A	No.1	2011/03/14	2012/03/14
6	Test Receiver	Rohde & Schwarz	ESPI	101202	2011/03/14	2012/03/14
7	Bilog Antenna	Sunol	JB3	A121206	2011/03/14	2012/03/14
8	Test Antenna - Horn	Schwarzbeck	BBHA 9120C	--	2011/03/14	2012/03/14
9	Test Antenna - Bi-Log	Schwarzbeck	VULB 9163	--	2011/03/14	2012/03/14
10	Cable	Resenberger	N/A	NO.1	2011/03/14	2012/03/14
11	Cable	SchwarzBeck	N/A	NO.2	2011/03/14	2012/03/14
12	Cable	SchwarzBeck	N/A	NO.3	2011/03/14	2012/03/14
13	DC Power Filter	DuoJi	DL2×30B	N/A	2011/03/14	2012/03/14
14	Single Phase Power Line Filter	DuoJi	FNF 202B30	N/A	2011/03/14	2012/03/14
15	3 Phase Power Line Filter	DuoJi	FNF 402B30	N/A	2011/03/14	2012/03/14
16	Test Receiver	Rohde & Schwarz	ESCI	100492	2011/03/14	2012/03/14
17	Absorbing Clamp	Luthi	MDS21	3635	2011/03/14	2012/03/14
18	Coaxial Switch	Anritsu Corp	MP59B	6200283933	2011/03/14	2012/03/14
19	AC Power Source	Kikusui	AC40MA	LM003232	2011/03/14	2012/03/14
20	Test Analyzer	Kikusui	KHA1000	LM003720	2011/03/14	2012/03/14
21	Line Impedence Network	Kikusui	LIN40MA-PCR-L	LM002352	2011/03/14	2012/03/14
22	ESD Tester	Kikusui	KES4021	LM003537	2011/03/14	2012/03/14
23	EMC PRO System	EM Test	UCS-500-M4	V0648102026	2011/03/14	2012/03/14
24	Signal Generator	IFR	2032	203002/100	2011/03/14	2012/03/14
25	Amplifier	A&R	150W1000	301584	2011/03/14	2012/03/14
26	CDN	FCC	FCC-801-M2-25	47	2011/03/14	2012/03/14
27	CDN	FCC	FCC-801-M3-25	107	2011/03/14	2012/03/14
28	EM Injection Clamp	FCC	F-203I-23mm	403	2011/03/14	2012/03/14
29	RF Cable	MIYAZAKI	N/A	No.1/No.2	2011/03/14	2012/03/14
30	Universal Radio Communication Tester	ROHDE&SCHWARZ	CMU200	0304789	2011/03/14	2012/03/14
31	Telecommunication Antenna	European Antennas	PSA 75301R/170	0304213	2011/03/14	2012/03/14

**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**

##### **Mode 1: Idle Mode**

The EUT was registered to the base station simulator but no call was set up.

The EUT configuration of the emission test was **EUT+ Battery+ Charger**.

##### **Mode 2: Call Mode(GSM 850/1900)**

Before the measurement, the lithium battery was completely discharge.

During the measurement, the lithium battery and the charger were installed, and the MS were in charging state. A communication link was established between the MS and a System Simulator (SS). The MS operated at GSM 850/1900MHz mid ARFCN and maximum output power.

The EUT configuration of the emission test was **EUT+ Battery+ Charger**.

##### **Mode 3: Call Mode(CDMA Cellular/PCS)**

Before the measurement, the lithium battery was completely discharge.

During the measurement, the lithium battery and the charger were installed, and the MS were in charging state. A communication link was established between the MS and a System Simulator (SS). The MS operated at mid channel and maximum output power.

The EUT configuration of the emission test was **EUT+ Battery+ Charger**.

##### **Mode 4: MP3/MP4 Mode**

During the test, the MS was playing the MP3/MP4 function continuously.

The EUT configuration of the emission test was **EUT+ Battery + Charger**.

##### **Mode 5: USB Mode**

During the test, the MS was connected with the notebook and made the data transmission function continuously.

The EUT configuration of the emission test was **EUT+ Battery+ USB Cable+ Notebook** (Lenovo 8890, SN: L3-A19107/08).

##### **Mode 6: GPRS/EGPRS Mode**

During the test, the MS was playing the GPRS/EGPRS function continuously.

The EUT configuration of the emission test was **EUT+ Battery+ Charger**.

##### **Mode 7: Camera Mode**

During the test, the MS was playing the camera function continuously.

The EUT configuration of the emission test was **EUT+ Battery+ Charger**.

**Mode 8 Bluetooth Mode**

During the measurement, the lithium battery and the charger were installed, and the MS were in charging state. A communication link was established between the EUT and the Bluetooth Earphone and a System Simulator (SS).

The MS operated at GSM 850/1900MHz mid and maximum output power.

During the test, the MS was playing the Bluetooth function continuously.

The EUT configuration of the emission test was **EUT+ Battery+ Charger+BT Earphone.**

**Mode 9: WIFI Mode**

During the test, the MS was playing the WIFI function continuously.

The EUT configuration of the emission test was **EUT+ Battery+ Charger.**

**Mode 10: GPS Mode**

During the test, the MS was playing the GPS function continuously.

The EUT configuration of the emission test was **EUT+ Battery+ Charger.**

**NOTE:**

1. All test modes are performed, only the worse cases are recorded in this report.

## 6. LINE CONDUCTED EMISSION TEST

### 6.1. LIMITS OF LINE CONDUCTED EMISSION TEST

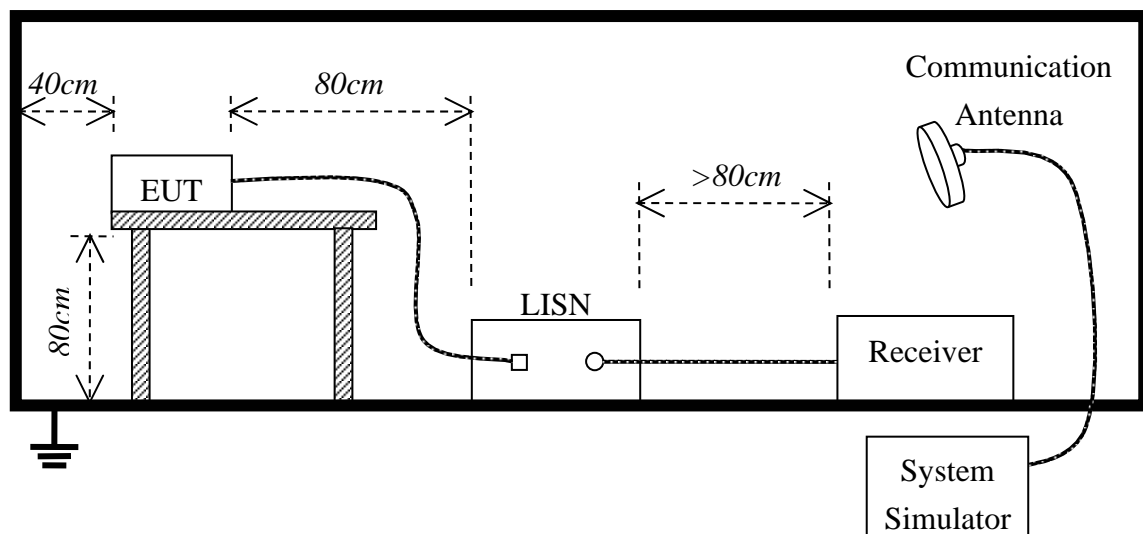
According to FCC §15.107, for equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50  $\mu$ H/50 ohms line impedance stabilization network (LISN).

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 DC 5V power by USB port of PC. The AC/DC adapter of PC which 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
Idle Mode	2011-11-08	STS111122F1	EVO 7_1_(L, N)	<input type="checkbox"/>
Call Mode(GSM 850/1900)	2011-11-08	STS111122F1	EVO 7_2_(L, N)	<input checked="" type="checkbox"/>
Call Mode(CDMA Cellular/PCS)	2011-11-08	STS111122F1	EVO 7_3_(L, N)	<input type="checkbox"/>
MP3/MP4 Mode	2011-11-08	STS111122F1	EVO 7_4_(L, N)	<input type="checkbox"/>
USB Mode	2011-11-08	STS111122F1	EVO 7_5_(L, N)	<input type="checkbox"/>
GPRS/EGPRS Mode	2011-11-08	STS111122F1	EVO 7_6_(L, N)	<input type="checkbox"/>
Camera Mode	2011-11-08	STS111122F1	EVO 7_7_(L, N)	<input type="checkbox"/>
Bluetooth Mode	2011-11-08	STS111122F1	EVO 7_8_(L, N)	<input type="checkbox"/>
WIFI Mode	2011-11-08	STS111122F1	EVO 7_9_(L, N)	<input type="checkbox"/>
GPS Mode	2011-11-08	STS111122F1	EVO 7_10_(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.

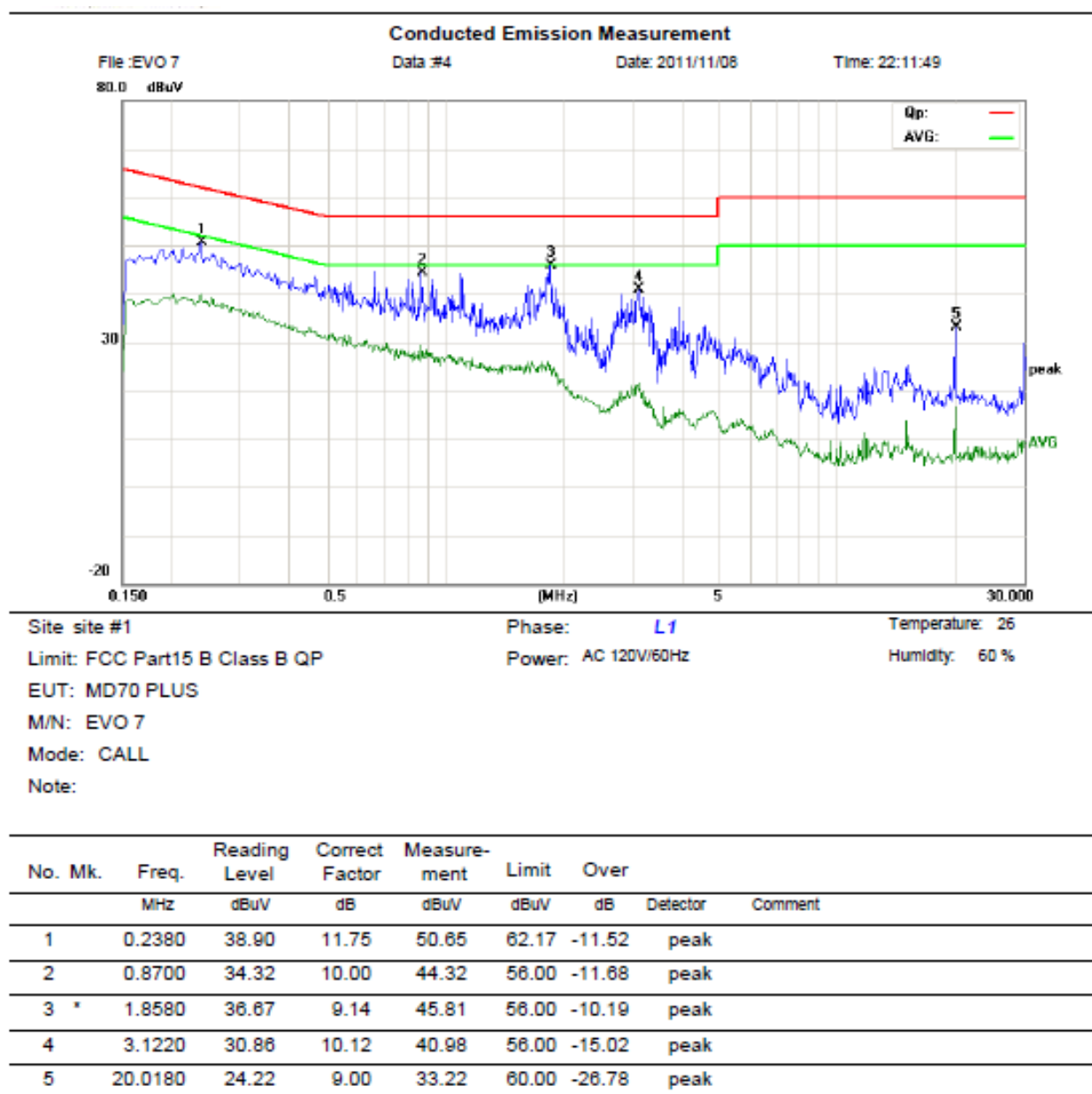
#### **6.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST**

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

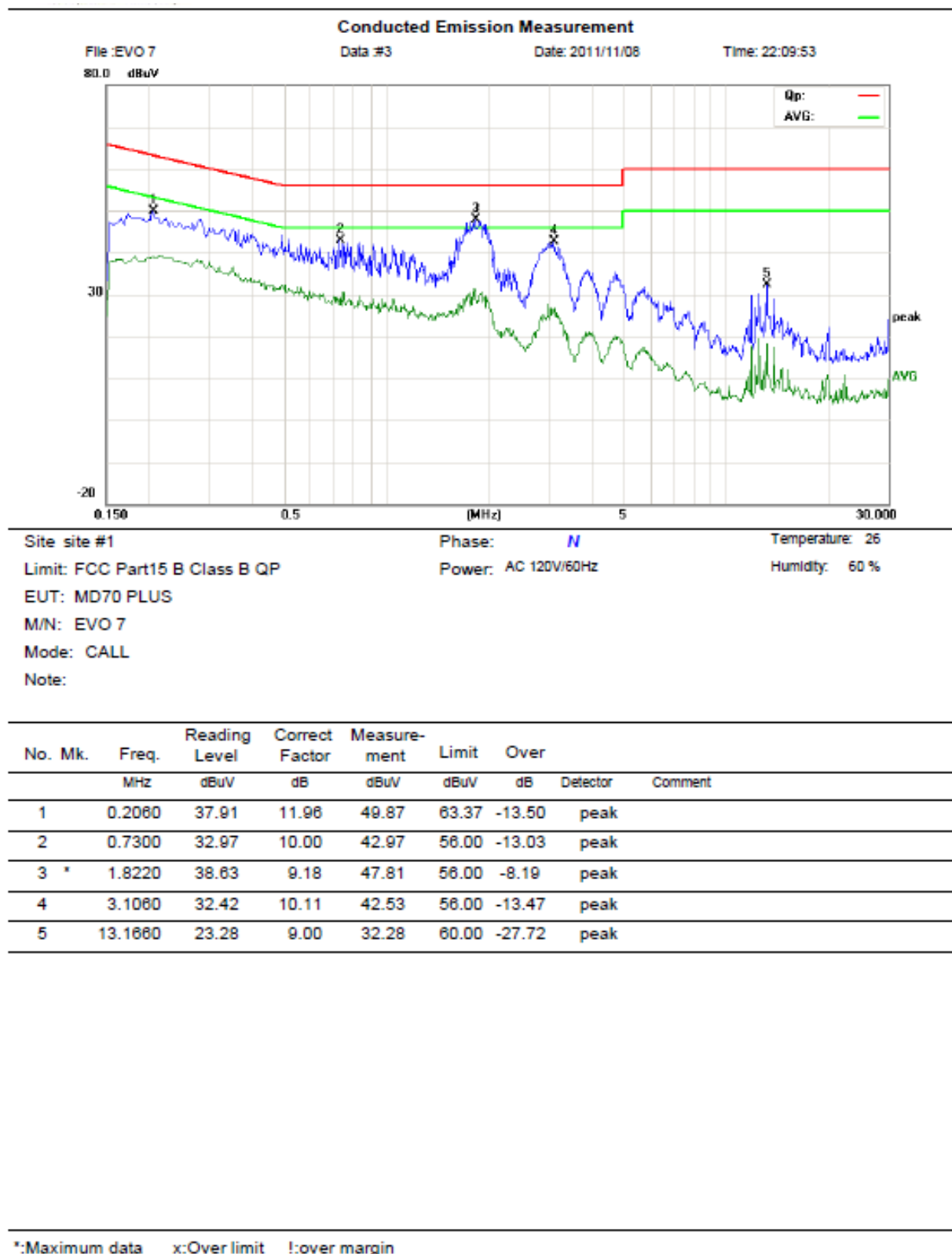
A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level 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



\*: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 §15.109, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

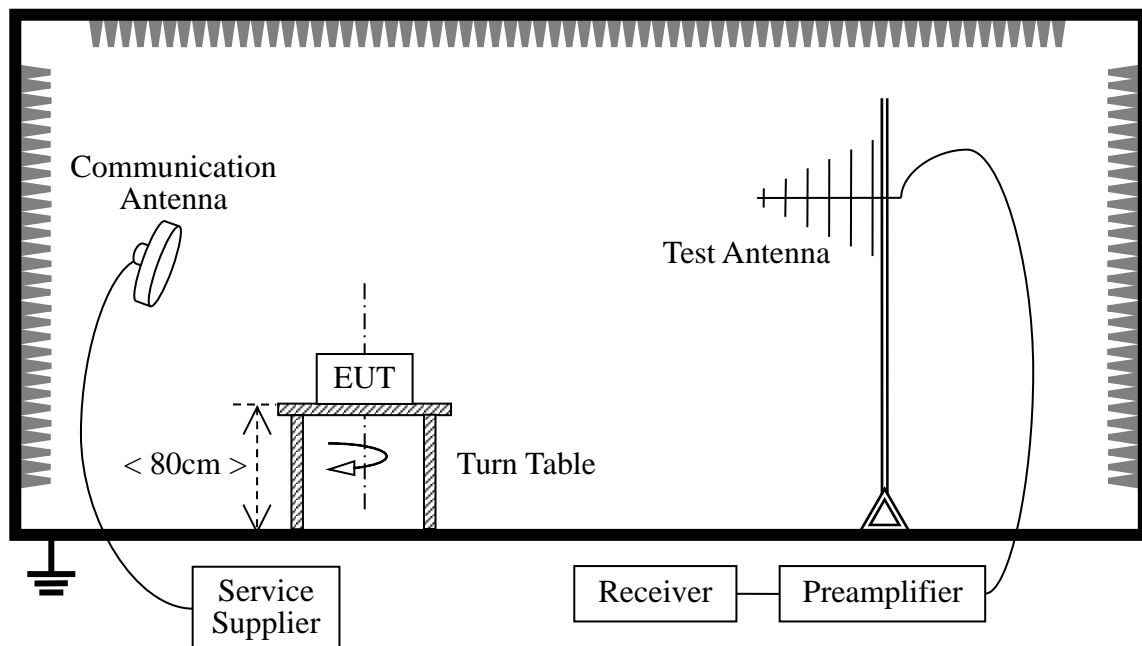
Frequency (MHz)	Field Strength ( $\mu\text{V/m}$ )	Measurement Distance (m)
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

#### NOTE:

1. Field Strength ( $\text{dB}\mu\text{V/m}$ ) =  $20 \cdot \log[\text{Field Strength } (\mu\text{V/m})]$ .
2. In the emission tables above, the tighter limit applies at the band edges.

### 7.2 TEST DESCRIPTION

#### Test Setup:



The EUT is powered by AC/DC adapter. 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) is 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
Idle Mode	2011-11-08	STS111122F1	EVO 7_1_(H, V)	<input type="checkbox"/>
Call Mode(GSM 850/1900)	2011-11-08	STS111122F1	EVO 7_2_(H, V)	<input type="checkbox"/>
Call Mode(CDMA Cellular/PCS)	2011-11-08	STS111122F1	EVO 7_3_(H, V)	<input type="checkbox"/>
MP3/MP4 Mode	2011-11-08	STS111122F1	EVO 7_4_(H, V)	<input type="checkbox"/>
USB Mode	2011-11-08	STS111122F1	EVO 7_5_(H, V)	<input checked="" type="checkbox"/>
GPRS/EGPRS Mode	2011-11-08	STS111122F1	EVO 7_6_(H, V)	<input type="checkbox"/>
Camera Mode	2011-11-08	STS111122F1	EVO 7_7_(H, V)	<input type="checkbox"/>
Bluetooth Mode	2011-11-08	STS111122F1	EVO 7_8_(H, V)	<input type="checkbox"/>
WIFI Mode	2011-11-08	STS111122F1	EVO 7_9_(H, V)	<input type="checkbox"/>
GPS Mode	2011-11-08	STS111122F1	EVO 7_10_(H, V)	<input type="checkbox"/>

**7.3 TEST RESULT****Form 9KHz to 30MHz:**

Freq. (MHz)	Ant. Pol H/V	Peak Reading (dBuV)	AV Reading (dBuV)	Ant. / CL CF (dB)	Actual Fs		Peak Limit (dBuV/m)	AV Limit (dBuV/m)	AV Margin (dB)
					Peak (dBuV/m)	AV (dBuV/m)			
N/A	H								>20
N/A	V								>20

**-No detected in below 30MHz.**

## Radiated Emission Measurement

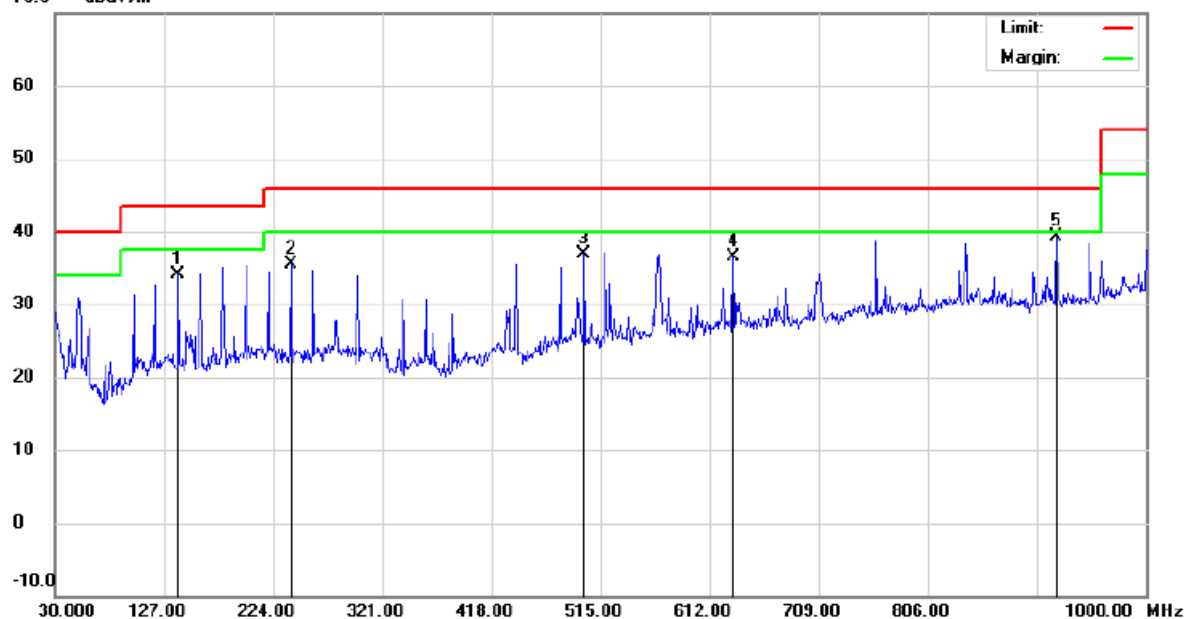
File :EVO7

Data :#13

Date: 2011-11-24

Time: 22:24:19

70.0 dBuV/m



Site site #1

Polarization: **Vertical**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: DC 5V From PC

Humidity: 61 %

EUT: MD70 PLUS

Distance:

M/N: EVO7

Mode: USB

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		139.6100	16.95	17.22	34.17	43.50	-9.33	peak			
2		239.5200	18.35	17.17	35.52	46.00	-10.48	peak			
3		500.4500	15.58	21.40	36.98	46.00	-9.02	peak			
4		633.3400	12.69	23.80	36.49	46.00	-9.51	peak			
5	*	920.4600	11.67	27.67	39.34	46.00	-6.66	peak			

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

## Radiated Emission Measurement

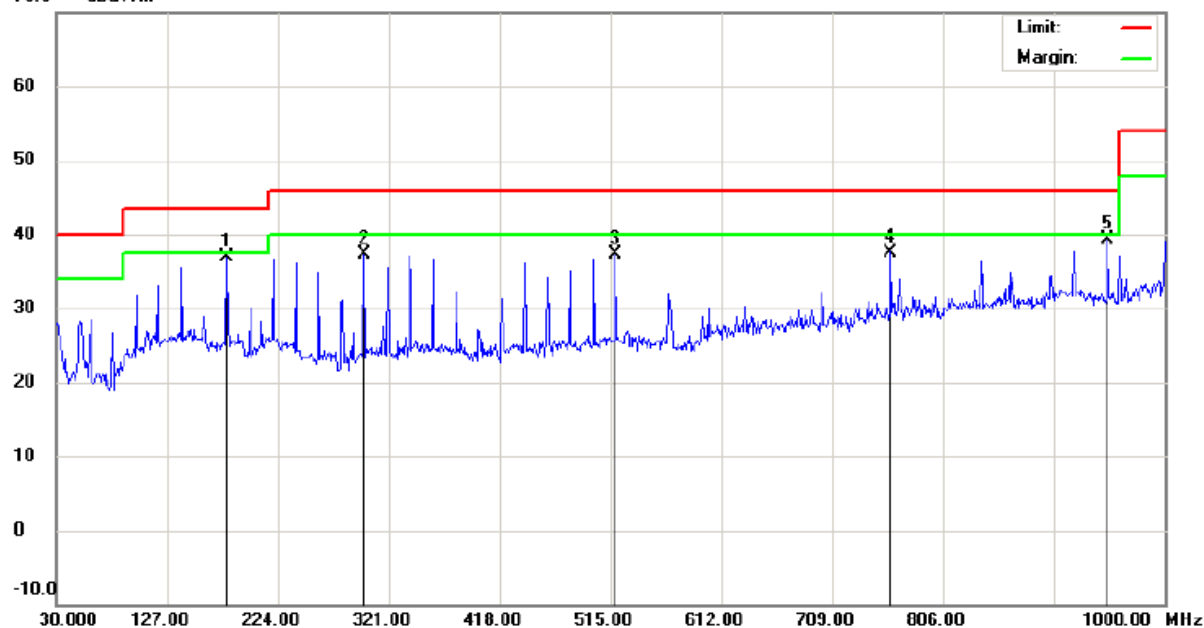
File :EVO7

Data :#14

Date: 2011-11-24

Time: 22:27:48

70.0 dBuV/m



Site site #1

Polarization: **Horizontal**

Temperature: 26

Limit: FCC Part15 B 3M Radiation

Power: DC 5V From PC

Humidity: 61 %

EUT: MD70 PLUS

Distance:

M/N: EVO7

Mode: USB

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	179.3800	20.26	16.73	36.99	43.50	-6.51	peak			
2		299.6600	18.05	19.30	37.35	46.00	-8.65	peak			
3		519.8500	15.43	21.79	37.22	46.00	-8.78	peak			
4		760.4100	11.98	25.62	37.60	46.00	-8.40	peak			
5		950.5300	11.29	27.92	39.21	46.00	-6.79	peak			

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

**Above 1 GHz:****Operation Mode:** Call Mode**Test Date:** 2011-11-08**Temperature:** 24°C**Tested by:** Habby Guo**Humidity:** 70 % RH**Polarity:** Ver. / Hor.

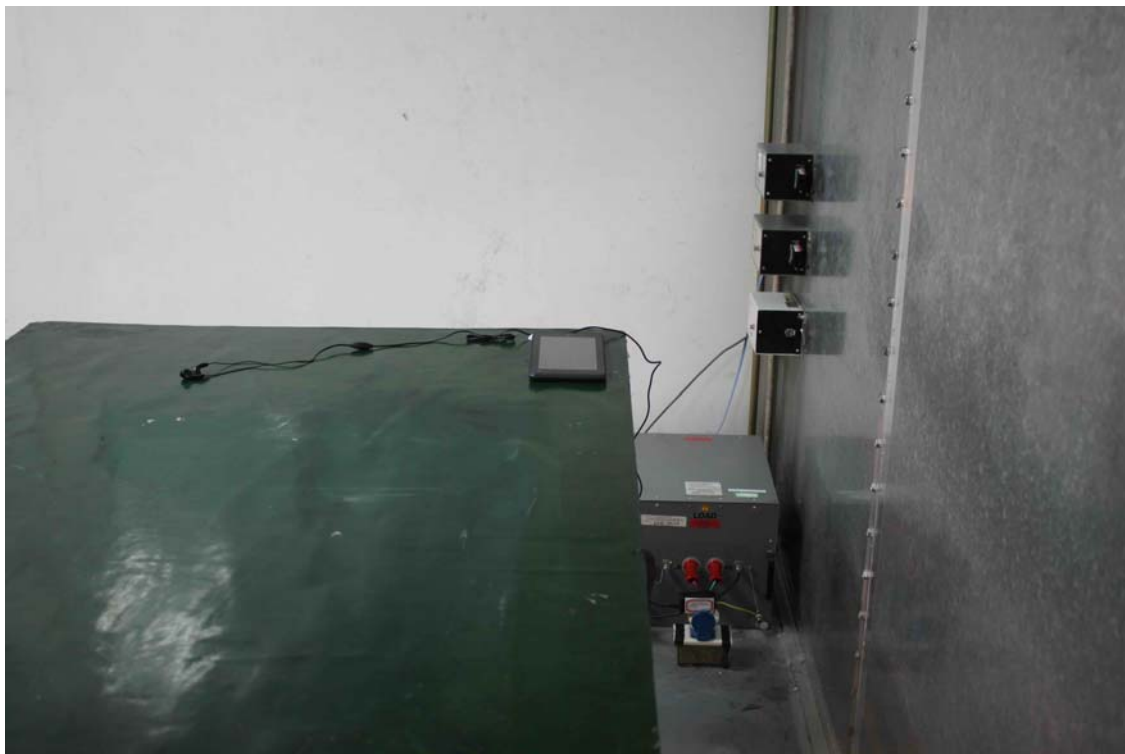
Freq.	Ant. Pol	Peak	AV	Ant. / CL	Actual Fs		Peak	AV	AV
(MHz)	H/V	Reading	Reading	CF			Limit	Limit	Margin
		(dBuV)	(dBuV)	(dB)	Peak	AV	(dBuV/m)	(dBuV/m)	(dB)
					(dBuV/m)	(dBuV/m)			
1128.50	H	53.21	32.29	14.14	67.35	46.43	74	54	-7.57
1542.34	H	49.79	27.41	18.32	68.11	45.73	74	54	-8.27
N/A	H								
1128.50	V	55.19	34.08	14.14	69.33	48.22	74	54	-5.78
1542.34	V	50.83	26.74	18.32	69.15	45.06	74	54	-8.94
N/A	V								

**Notes:**

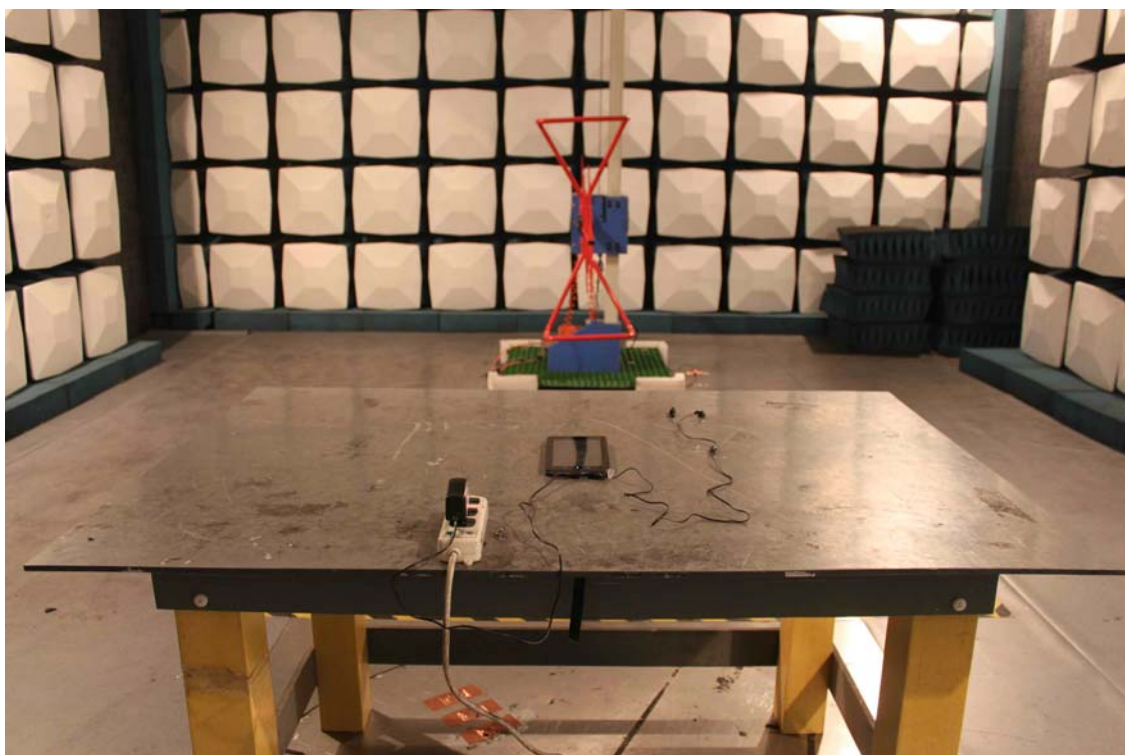
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
3. The frequency that above 1GHz, the emission measurements of basic frequency and harmonic frequency is not suitable, and is mainly from the environment noise.

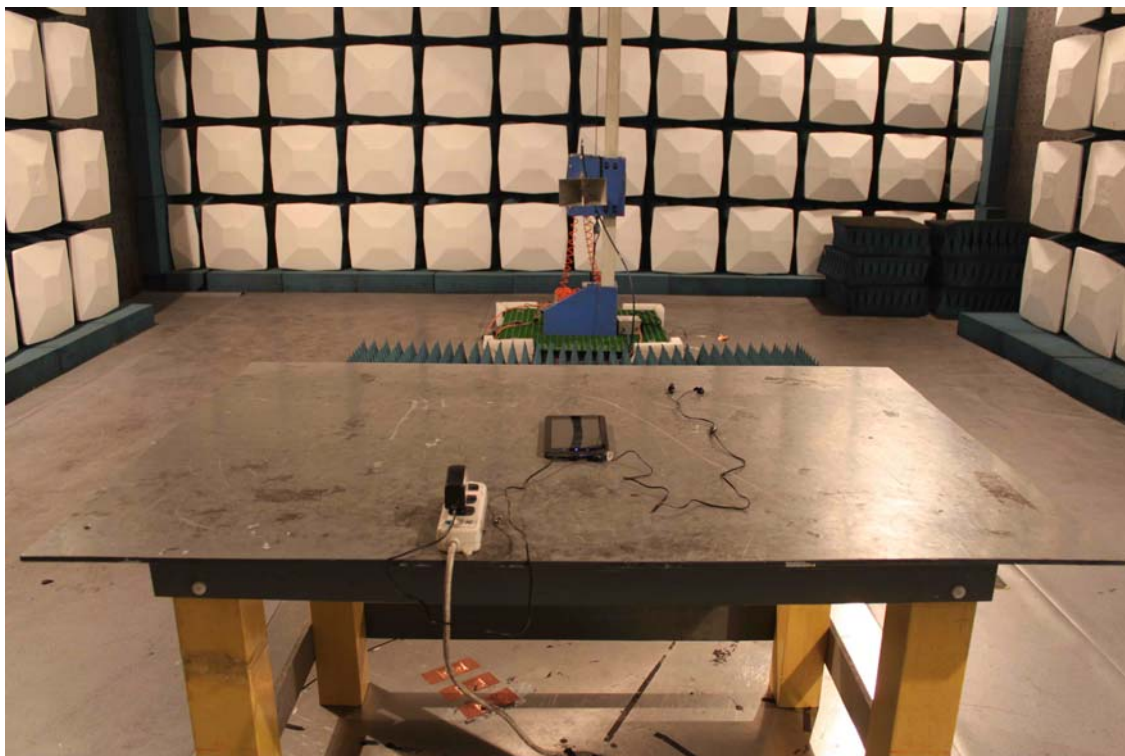
**APPENDIX 1**  
**PHOTOGRAPHS OF TEST SETUP**

### CE TEST SETUP



### RE TEST SETUP







**APPENDIX 2**  
**PHOTOGRAPHS OF EUT**

FRONT VIEW OF SAMPLE



BACK VIEW OF SAMPLE



LEFT VIEW OF SAMPLE



RIGHT VIEW OF SAMPLE



TOP VIEW OF SAMPLE



BOTTOM VIEW OF SAMPLE



PHOTO OF USB LINE



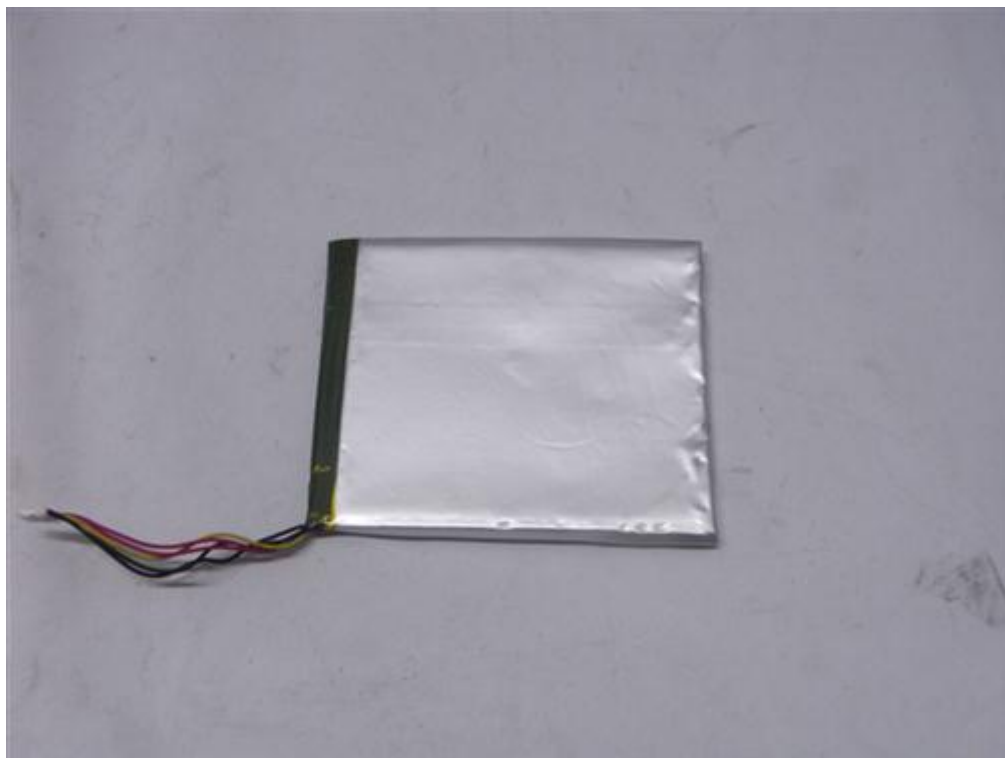
PHOTO OF EARPHONE



PHOTO OF POWER SUPPLY



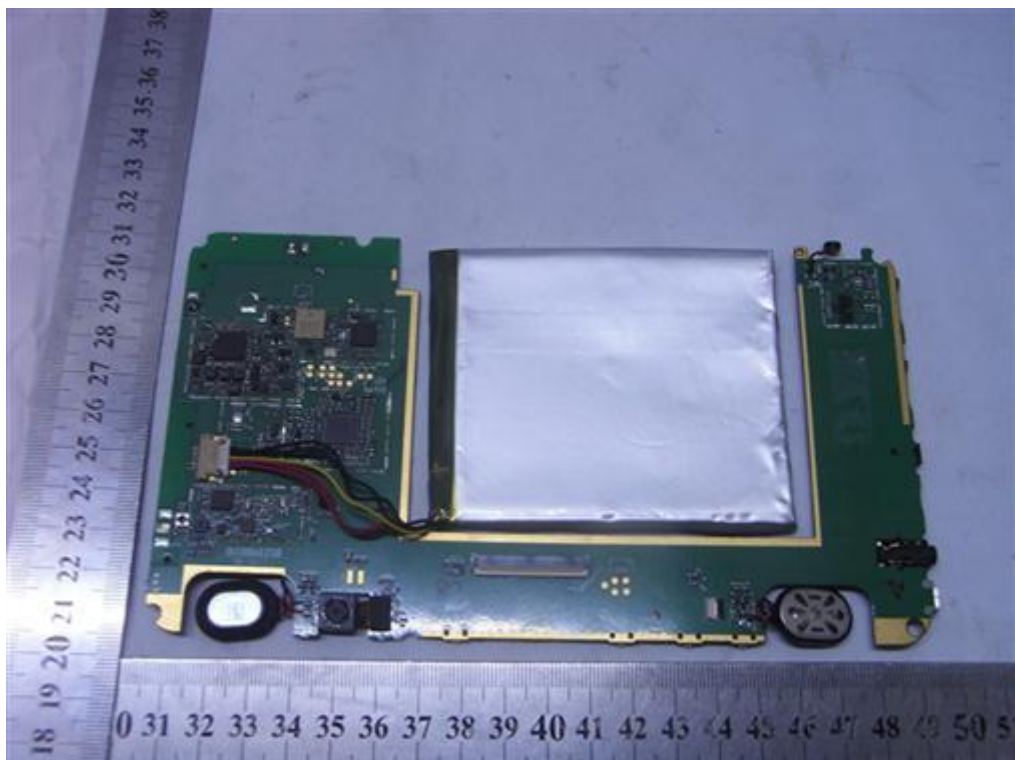
PHOTO OF BATTERY



INTERNAL PHOTO OF SAMPLE – 1



INTERNAL PHOTO OF SAMPLE – 2





INTERNAL PHOTO OF SAMPLE -3

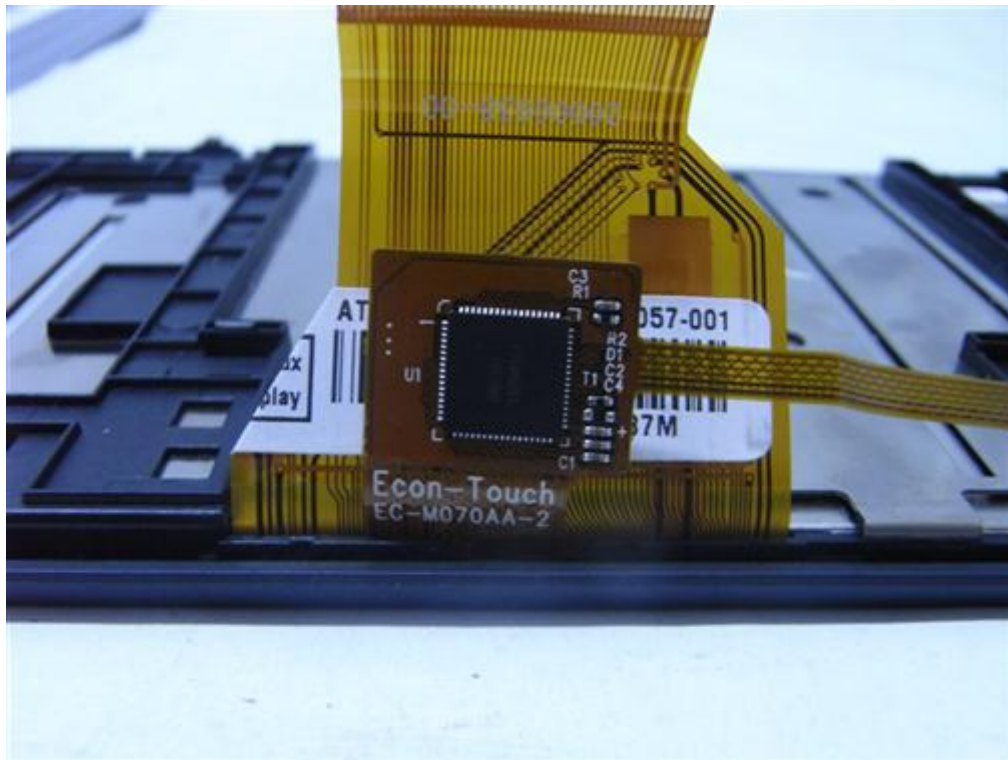


INTERNAL PHOTO OF SAMPLE -4





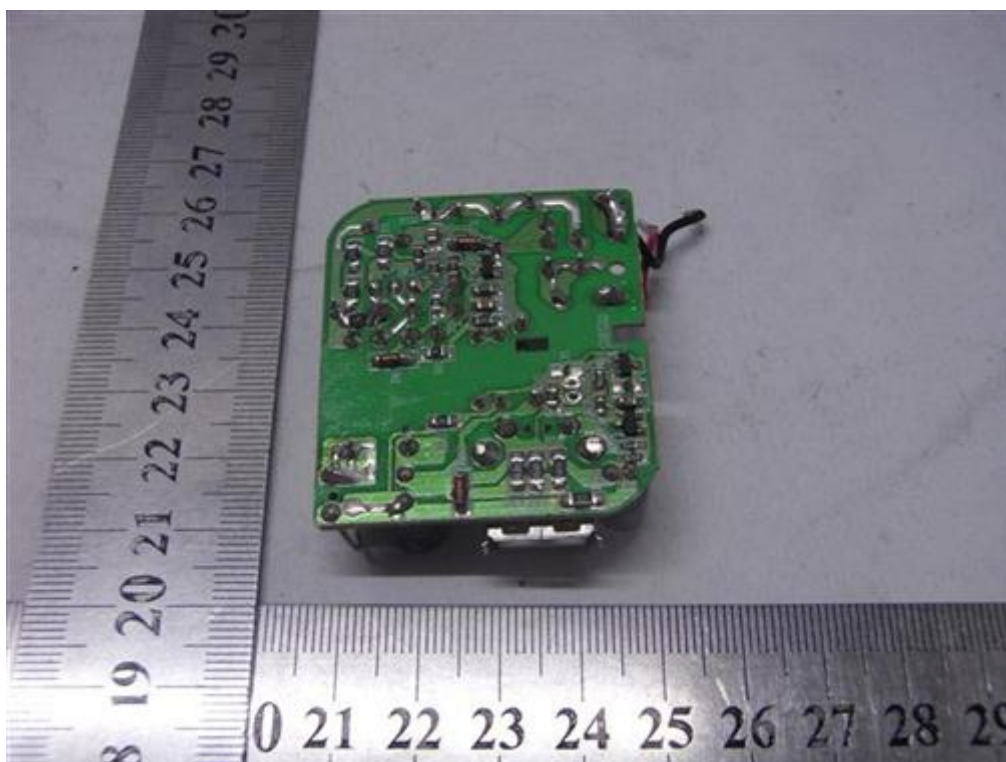
INTERNAL PHOTO OF SAMPLE -5



INTERNAL PHOTO OF POWER SUPPLY-1



INTERNAL PHOTO OF POWER SUPPLY-2



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