



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

## **TEST REPORT**

*For*

**Applicant: Sociedad Importadora Italiana Ltda.**

**Address: Av Nueva Costanera 3848, Depot24, Vitacura, Santiago - Chile**

**Product Name: GSM Mobile Phone**

**Model Name: HKM750**

**Brand Name: HKM**

**FCC ID: X77HKM750**

**Report No.: STS100805F1**

**Date of Issue: August. 17, 2010**

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

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

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

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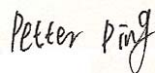
## 1. VERIFICATION OF CONFORMITY

**Equipment Under Test:** GSM Mobile Phone  
**Brand Name:** HKM  
**Model Number:** HKM750  
**Series Model Name:** N/A  
**Series Model Difference description:** N/A  
**FCC ID:** X77HKM750  
**Applicant:** Sociedad Importadora Italiana Ltda.  
Av Nueva Costanera 3848, Depto 24, Vitacura, Santiago - Chile  
**Manufacturer:** Shenzhen Smart Industrial Co., Ltd.  
Room 7A12, 7th Floor, Jingze Building, Shennan East Road, Luohu District, Shenzhen, China  
**Technical Standards:** FCC Part 15 B  
**File Number:** STS100805F1  
**Date of test:** August. 12 ~ August. 17, 2010  
**Deviation:** None  
**Condition of Test Sample:** Normal  
**Test Result:** PASS

The above equipment was tested by Shenzhen Super Test Service Technology Co., Ltd. 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):



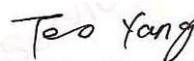
Petter Ping August. 17, 2010

Review by (+ signature):



July Wen August. 17, 2010

Approved by (+ signature):



Terry Yang August. 17, 2010

## 2. GENERAL INFORMATION

### 2.1 PRODUCT INFORMATION

EUT1- Mobile Phone	
Description:	GSM Mobile Phone
Model Name:	HKM750
Serial No.:	N/A
Model Difference description:	N/A
IMEI No.:	---
Frequency:	GSM 850MHz/1900MHz
Hardware Version:	9150-MB-V4.1
Software Version:	9150-XTY2-V1.0.0-20100818-V1.00-0937P2
EUT2- Battery	
Description:	Lithium-ion Battery
Model Name:	BL-5C
Brand Name:	N/A
Manufacturer:	Shenzhen Beiteli Technology Co., Ltd.
Capacitance:	650 mAh
Rated Voltage:	3.7V
Charge Limit:	4.2V
EUT3 – Power Supply	
Description:	Travel Charger
Model Name:	V680
Brand Name:	N/A
Manufacturer:	Guangdong Weiliwang Electronic Co., Ltd.
Rated Input:	AC 100-240V, 50/60HZ 300mA
Rated Output:	DC 5.0V, 500mA
Length DC power cable:	--
Length USB cable:	1.00m

#### NOTE:

1. The EUT is a model of GSM Portable Mobile Station (MS). It consists of **hand telephone set, Lithium battery, headphone, USB cable** and **Charger** as listed above.
2. 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:	Most Technology Service Co.,ltd
Location:	No.5, Langshan 2nd Rd., North Hi-Tech Industrial park, Nanshan, Shenzhen, Guangdong, 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 and CISPR 16 requirements. The FCC Registration Number is <b>490827</b>.</p> <p>The <b>CNAS</b> Registration Number is <b>CNAS L3573</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 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 Cable
Notebook	ASUS	Eee PC 1005HA	N/A	N/A	N/A
Adapter	ASUS	AS1288U	N/A	N/A	1.8M Un-Shielded

*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	2010/03/14	2011/03/14
2	L.I.S.N.	Rohde & Schwarz	ENV216	100093	2010/03/14	2011/03/14
3	Coaxial Switch	Anritsu Corp	MP59B	6200283933	2010/03/14	2011/03/14
4	Terminator	Hubersuhner	50Ω	No.1	2010/03/14	2011/03/14
5	RF Cable	SchwarzBeck	N/A	No.1	2010/03/14	2011/03/14
6	Test Receiver	Rohde & Schwarz	ESPI	101202	2010/03/14	2011/03/14
7	Bilog Antenna	Sunol	JB3	A121206	2010/03/14	2011/03/14
8	Test Antenna - Horn	Schwarzbeck	BBHA 9120C	--	2010/03/14	2011/03/14
9	Test Antenna - LOOP	Schwarzbeck	VULB 9163	--	2010/03/14	2011/03/14
10	Cable	Resenberger	N/A	NO.1	2010/03/14	2011/03/14
11	Cable	SchwarzBeck	N/A	NO.2	2010/03/14	2011/03/14
12	Cable	SchwarzBeck	N/A	NO.3	2010/03/14	2011/03/14
13	DC Power Filter	DuoJi	DL2×30B	N/A	2010/03/14	2011/03/14
14	Single Phase Power Line Filter	DuoJi	FNF 202B30	N/A	2010/03/14	2011/03/14
15	3 Phase Power Line Filter	DuoJi	FNF 402B30	N/A	2010/03/14	2011/03/14
16	Spectrum Analyzer	Agilent	4408B	MY41440460	2010/03/14	2011/03/14
17	Absorbing Clamp	Luthi	MDS21	3635	2010/03/14	2011/03/14
18	Coaxial Switch	Anritsu Corp	MP59B	6200283933	2010/03/14	2011/03/14
19	AC Power Source	Kikusui	AC40MA	LM003232	2010/03/14	2011/03/14
20	Test Analyzer	Kikusui	KHA1000	LM003720	2010/03/14	2011/03/14
21	Line Impedence Network	Kikusui	LIN40MA-PCR-L	LM002352	2010/03/14	2011/03/14
22	ESD Tester	Kikusui	KES4021	LM003537	2010/03/14	2011/03/14
23	EMC PRO System	EM Test	UCS-500-M4	V0648102026	2010/03/14	2011/03/14
24	Signal Generator	IFR	2032	203002/100	2010/03/14	2011/03/14
25	Amplifier	A&R	150W1000	301584	2010/03/14	2011/03/14
26	CDN	FCC	FCC-801-M2-25	47	2010/03/14	2011/03/14
27	CDN	FCC	FCC-801-M3-25	107	2010/03/14	2011/03/14
28	EM Injection Clamp	FCC	F-203I-23mm	403	2010/03/14	2011/03/14
29	RF Cable	MIYAZAKI	N/A	No.1/No.2	2010/03/14	2011/03/14
30	Universal Radio Communication Tester	ROHDE&SCHWARZ	CMU200	0304789	2010/03/14	2011/03/14
31	Telecommunication Antenna	European Antennas	PSA 75301R/170	0304213	2010/03/14	2011/03/14
32	Temperature Chamber	Guangzhou Gongwen	GDS-250	N/A	2010/03/14	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

Due to the different configuration and test, in this list only some worsted mode. The worst test data of the worst mode is reported by this report.

#### Mode 1: Idle Mode

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

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

#### Mode 2: Call Mode

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 **MS + Battery+ Charger**.

#### Mode 3: GPRS Mode

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

The EUT configuration of the emission test was **MS + 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 **MS + 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 **MS + Battery+ USB Cable+ Notebook** (ASUS, Model: Eee PC 1005HA).

#### Mode 6: Camera Mode

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

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

#### Mode 7: 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 **MS + Battery+ Charger+ BT Earphone.**

**Mode 8: FM Mode**

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

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

## 6. LINE CONDUCTED EMISSION TEST

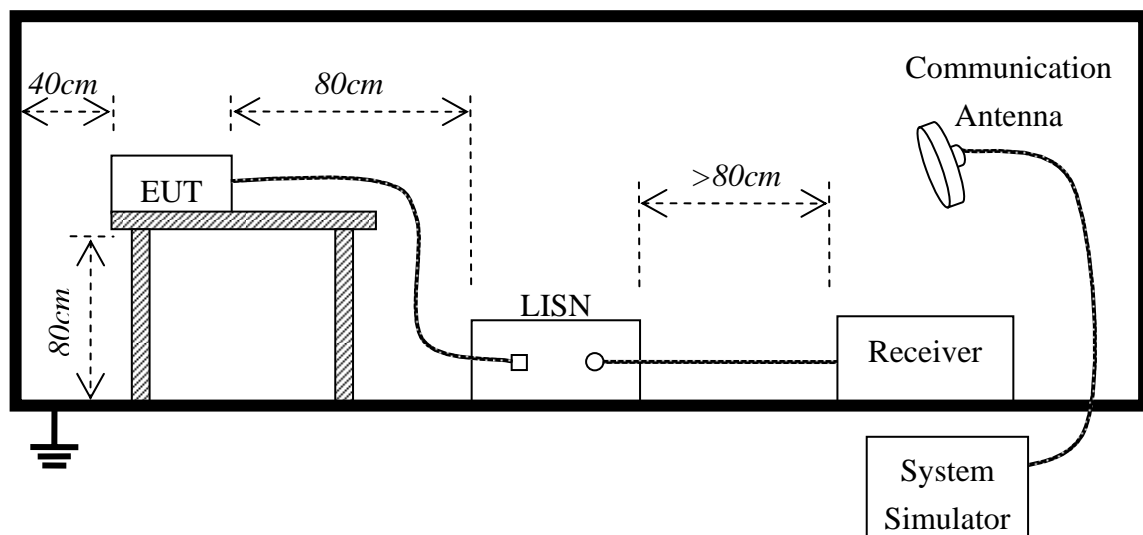
### 6.1. LIMITS OF LINE CONDUCTED EMISSION TEST

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
Idle Mode	2010-08-12	STS100805F1	HKM750_1_(L, N)	<input type="checkbox"/>
Call Mode	2010-08-12	STS100805F1	HKM750_2_(L, N)	<input type="checkbox"/>
GPRS Mode	2010-08-12	STS100805F1	HKM750_3_(L, N)	<input type="checkbox"/>
MP3/MP4 Mode	2010-08-12	STS100805F1	HKM750_4_(L, N)	<input type="checkbox"/>
USB Mode	2010-08-12	STS100805F1	HKM750_5_(L, N)	<input type="checkbox"/>
Camera Mode	2010-08-12	STS100805F1	HKM750_6_(L, N)	<input type="checkbox"/>
Bluetooth Mode	2010-08-12	STS100805F1	HKM750_7_(L, N)	<input type="checkbox"/>
FM Mode	2010-08-12	STS100805F1	HKM750_7_(L, N)	<input checked="" 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.

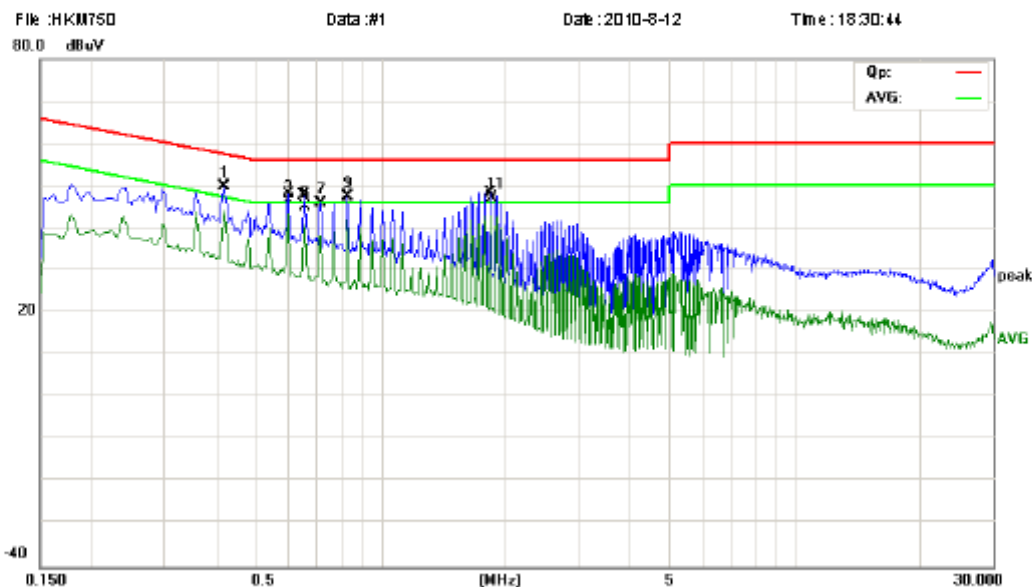
The test data of the worst case condition(s) was reported on the Summary Data page.

## 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



Site: site #1

Phase: **L1**

Temperature: 26

Limit: FCC Part 15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

M/N: HKM750

Mode: IDLE

Note:

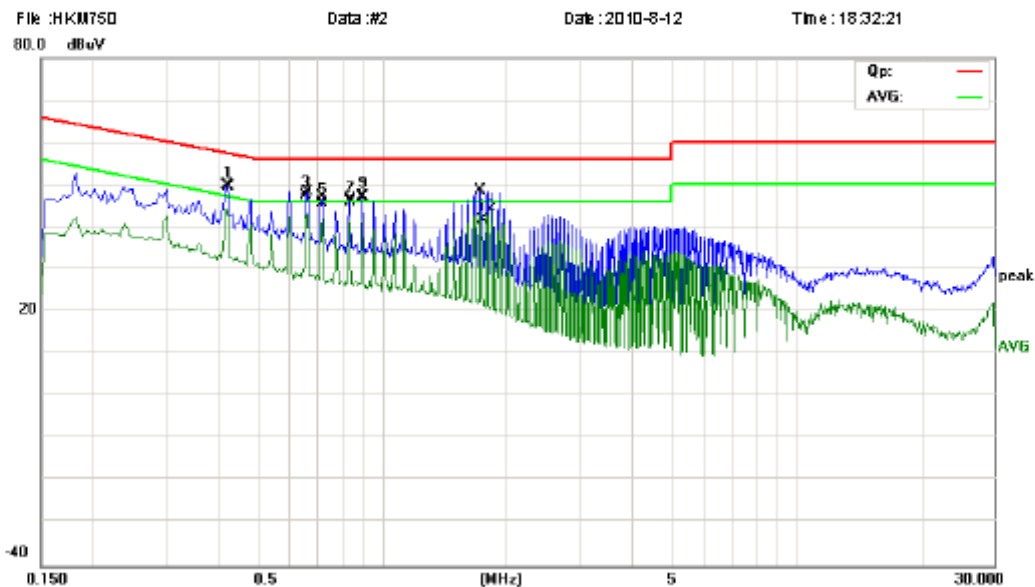
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.4180	39.40	10.55	49.95	57.49	-7.54	peak	
2	*	0.4180	33.61	10.55	44.16	47.49	-3.33	AVG	
3		0.5940	36.64	10.00	46.64	56.00	-9.36	peak	
4		0.5940	29.99	10.00	39.99	46.00	-6.01	AVG	
5		0.6542	35.05	10.00	45.05	56.00	-10.95	peak	
6		0.6542	30.20	10.00	40.20	46.00	-5.80	AVG	
7		0.7140	35.85	10.00	45.85	56.00	-10.15	peak	
8		0.7140	28.02	10.00	38.02	46.00	-7.98	AVG	
9		0.8300	37.33	10.00	47.33	56.00	-8.67	peak	
10		0.8300	32.06	10.00	42.06	46.00	-3.94	AVG	
11		1.8420	37.88	9.16	47.04	56.00	-8.96	peak	
12		1.8420	30.34	9.16	39.50	46.00	-6.50	AVG	

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



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### Conducted Emission Measurement



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

M/N: HKM750

Mode: IDLE

Note:

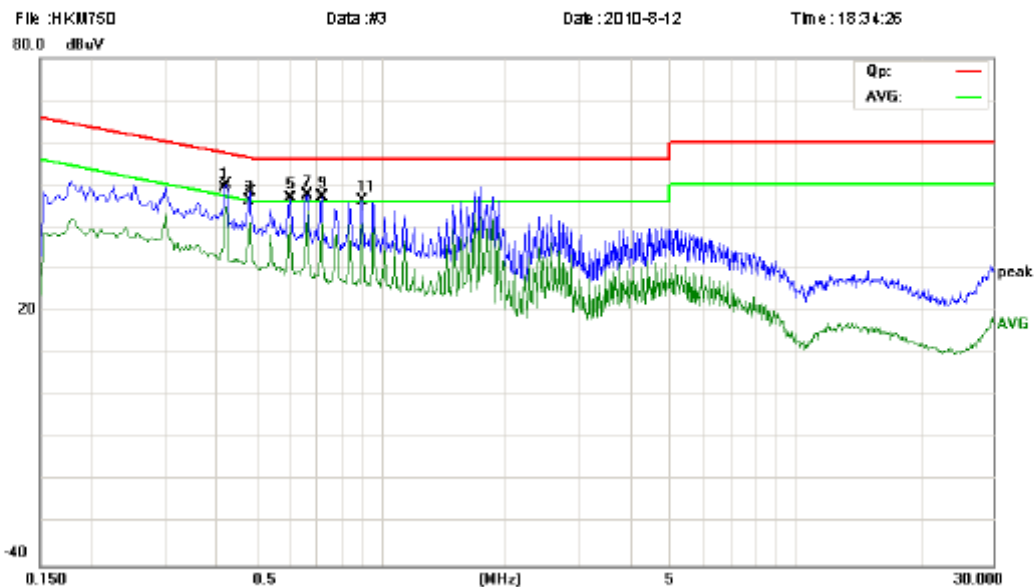
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.4220	39.18	10.52	49.70	57.41	-7.71	peak	
2		0.4220	33.70	10.52	44.22	47.41	-3.19	AVG	
3		0.6542	37.53	10.00	47.53	56.00	-8.47	peak	
4		0.6542	32.39	10.00	42.39	46.00	-3.61	AVG	
5		0.7140	35.57	10.00	45.57	56.00	-10.43	peak	
6		0.7140	30.11	10.00	40.11	46.00	-5.89	AVG	
7		0.8340	36.07	10.00	46.07	56.00	-9.93	peak	
8		0.8340	30.99	10.00	40.99	46.00	-5.01	AVG	
9		0.8980	37.26	10.00	47.26	56.00	-8.74	peak	
10		0.8980	31.51	10.00	41.51	46.00	-4.49	AVG	
11	*	1.7300	34.01	9.27	43.28	46.00	-2.72	AVG	
12		1.7380	32.38	9.26	41.64	56.00	-14.36	peak	

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



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Tel: 0755-86170306 Fax: 0755-86170310

### Conducted Emission Measurement



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

M/N: HKM750

Mode: CAMERA

Note:

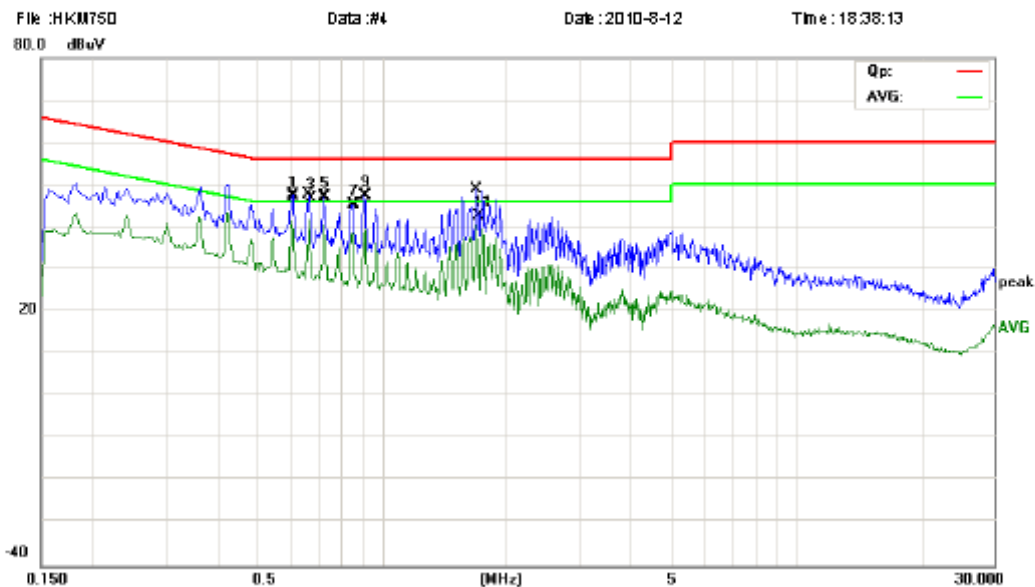
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.4193	38.60	10.54	49.14	57.46	-8.32	peak	
2		0.4193	31.60	10.54	42.14	47.46	-5.32	AVG	
3		0.4786	36.12	10.14	46.26	56.36	-10.10	peak	
4		0.4786	27.92	10.14	38.06	46.36	-8.30	AVG	
5		0.6020	36.86	10.00	46.86	56.00	-9.14	peak	
6		0.6020	30.51	10.00	40.51	46.00	-5.49	AVG	
7		0.6580	37.36	10.00	47.36	56.00	-8.64	peak	
8		0.6580	28.55	10.00	38.55	46.00	-7.45	AVG	
9		0.7180	37.16	10.00	47.16	56.00	-8.84	peak	
10		0.7180	30.05	10.00	40.05	46.00	-5.95	AVG	
11		0.8980	36.28	10.00	46.28	56.00	-9.72	peak	
12	*	0.9020	30.95	10.00	40.95	46.00	-5.05	AVG	

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



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### Conducted Emission Measurement



Site site #1

Phase: **L1**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

M/N: HKM750

Mode: CAMERA

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.6060	37.06	10.00	47.06	56.00	-8.94	peak	
2	*	0.6060	31.44	10.00	41.44	46.00	-4.56	AVG	
3		0.6700	36.89	10.00	46.89	56.00	-9.11	peak	
4		0.6700	27.45	10.00	37.45	46.00	-8.55	AVG	
5		0.7260	37.15	10.00	47.15	56.00	-8.85	peak	
6		0.7260	30.68	10.00	40.68	46.00	-5.32	AVG	
7		0.8500	35.26	10.00	45.26	56.00	-10.74	peak	
8		0.8500	28.69	10.00	38.69	46.00	-7.31	AVG	
9		0.9060	37.31	10.00	47.31	56.00	-8.69	peak	
10		0.9060	28.36	10.00	38.36	46.00	-7.64	AVG	
11		1.7020	33.35	9.30	42.65	56.00	-13.35	peak	
12		1.7020	25.35	9.30	34.65	46.00	-11.35	AVG	

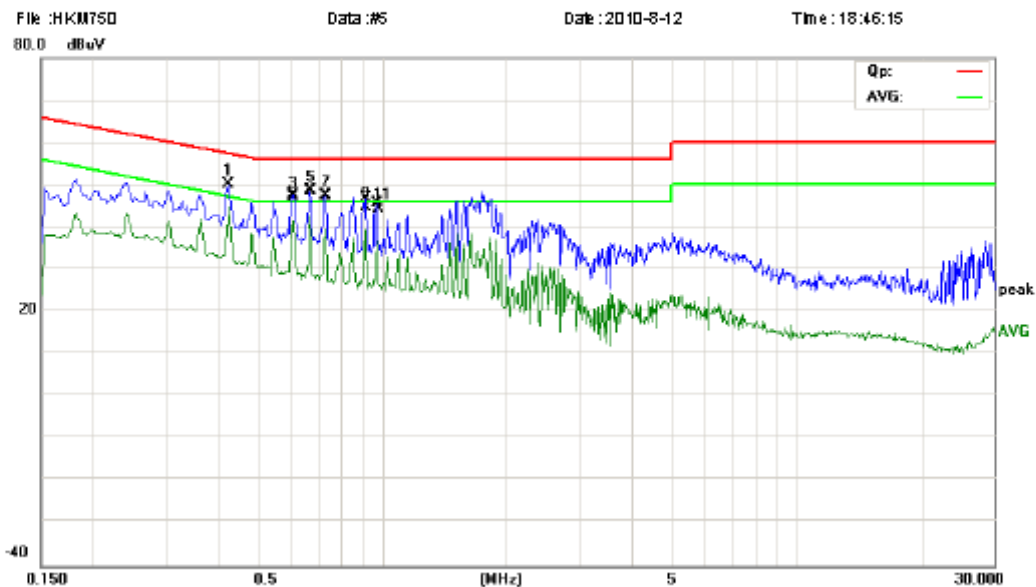
\*:Maximum data x:Over limit !:over margin





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: GSM Mobile Phone

M/N: HKM750

Mode: MP3

Note:

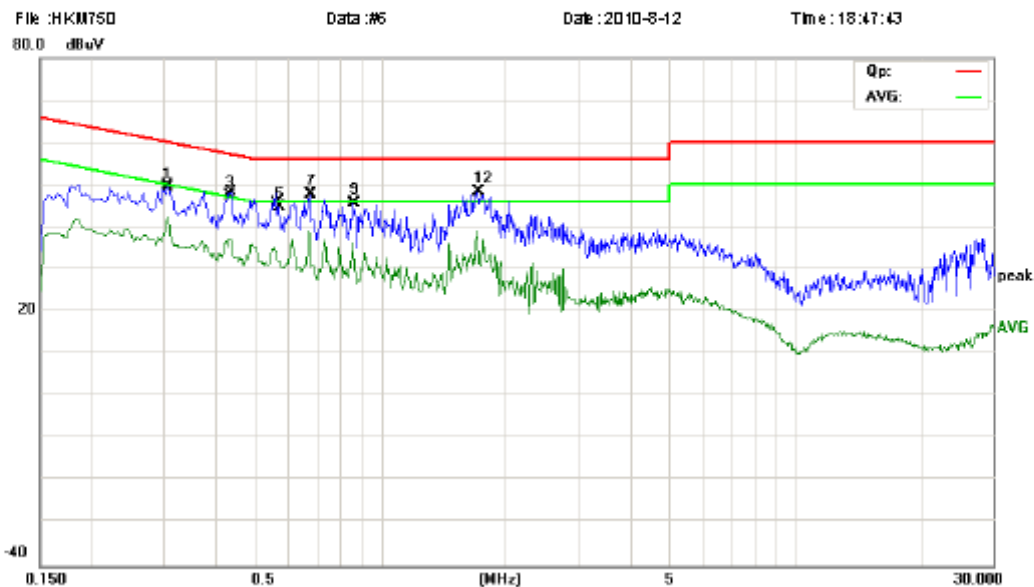
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.4260	39.72	10.49	50.21	57.33	-7.12	peak	
2		0.4300	30.31	10.47	40.78	47.25	-6.47	AVG	
3		0.6108	37.01	10.00	47.01	56.00	-8.99	peak	
4		0.6108	30.58	10.00	40.58	46.00	-5.42	AVG	
5		0.6700	38.63	10.00	48.63	56.00	-7.37	peak	
6	*	0.6700	32.74	10.00	42.74	46.00	-3.26	AVG	
7		0.7300	37.56	10.00	47.56	56.00	-8.44	peak	
8		0.7300	29.55	10.00	39.55	46.00	-6.45	AVG	
9		0.9060	34.74	10.00	44.74	56.00	-11.26	peak	
10		0.9060	24.28	10.00	34.28	46.00	-11.72	AVG	
11		0.9740	34.53	10.00	44.53	56.00	-11.47	peak	
12		0.9740	24.36	10.00	34.36	46.00	-11.64	AVG	

\*: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: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

M/N: HKM750

Mode: MP3

Note:

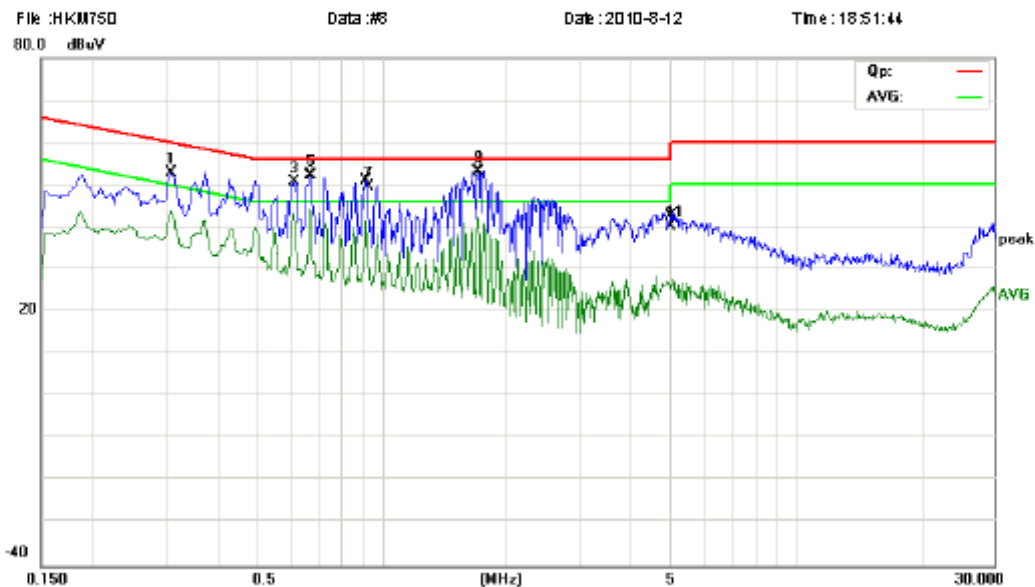
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.3066	37.90	11.29	49.19	60.06	-10.87	peak	
2		0.3066	30.34	11.29	41.63	50.06	-8.43	AVG	
3		0.4300	37.07	10.47	47.54	57.25	-9.71	peak	
4		0.4300	26.85	10.47	37.32	47.25	-9.93	AVG	
5		0.5620	22.44	10.00	32.44	46.00	-13.56	AVG	
6		0.5660	34.82	10.00	44.82	56.00	-11.18	peak	
7		0.6740	37.67	10.00	47.67	56.00	-8.33	peak	
8		0.6740	28.75	10.00	38.75	46.00	-7.25	AVG	
9		0.8580	35.59	10.00	45.59	56.00	-10.41	peak	
10		0.8580	25.14	10.00	35.14	46.00	-10.86	AVG	
11	*	1.7060	29.84	9.29	39.13	46.00	-6.87	AVG	
12		1.7100	39.10	9.29	48.39	56.00	-7.61	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: GSM Mobile Phone

M/N: HKM750

Mode: FM

Note:

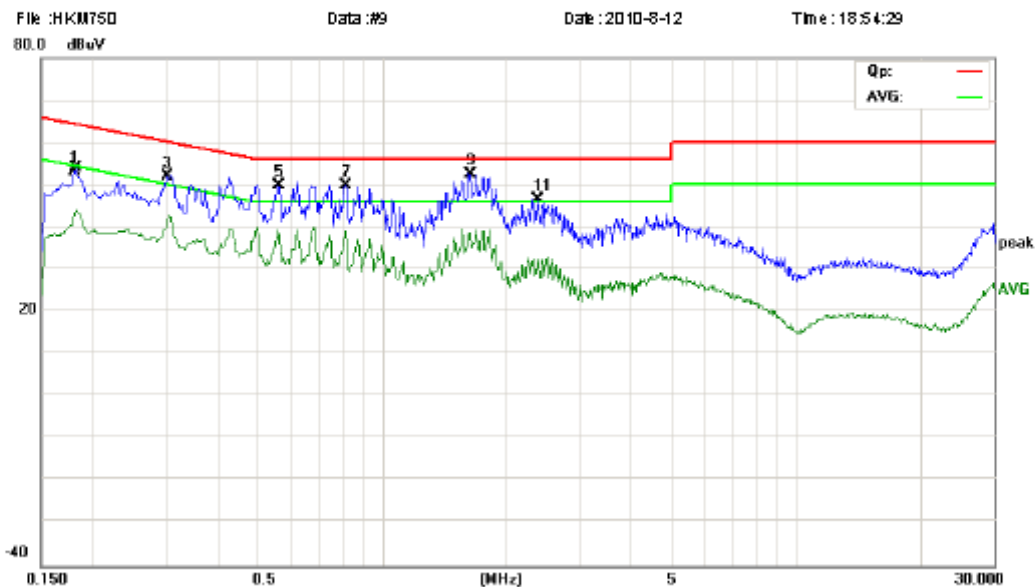
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.3100	41.49	11.27	52.76	59.97	-7.21	peak	
2		0.3100	32.49	11.27	43.76	49.97	-6.21	AVG	
3		0.6140	40.89	10.00	50.89	56.00	-5.11	peak	
4		0.6140	30.60	10.00	40.60	46.00	-5.40	AVG	
5		0.6700	42.18	10.00	52.18	56.00	-3.82	peak	
6	*	0.6700	34.59	10.00	44.59	46.00	-1.41	AVG	
7		0.9220	39.50	10.00	49.50	56.00	-6.50	peak	
8		0.9220	26.45	10.00	36.45	46.00	-9.55	AVG	
9		1.7020	43.79	9.30	53.09	56.00	-2.91	peak	
10		1.7020	33.10	9.30	42.40	46.00	-3.60	AVG	
11		4.9380	28.20	11.94	40.14	56.00	-15.86	peak	
12		4.9380	15.20	11.94	27.14	46.00	-18.86	AVG	

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



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Tel: 0755-86170306 Fax: 0755-86170310

### Conducted Emission Measurement



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

M/N: HKM750

Mode: FM

Note:

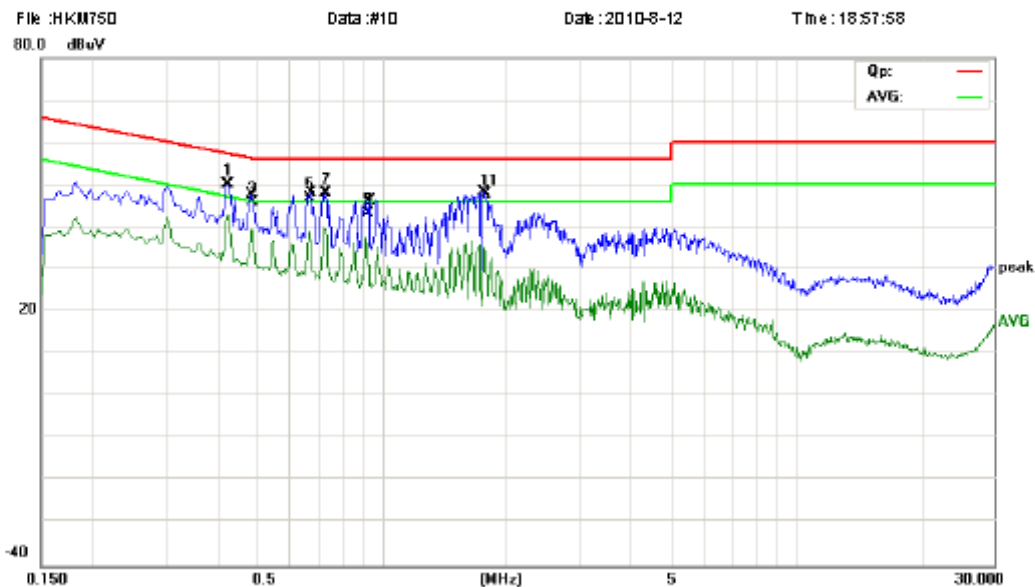
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1806	42.27	10.84	53.11	64.46	-11.35	peak	
2		0.1824	33.21	10.94	44.15	54.38	-10.23	AVG	
3		0.3034	40.52	11.31	51.83	60.15	-8.32	peak	
4		0.3034	30.09	11.31	41.40	50.15	-8.75	AVG	
5		0.5620	39.96	10.00	49.96	56.00	-6.04	peak	
6		0.5620	29.37	10.00	39.37	46.00	-6.63	AVG	
7		0.8140	39.98	10.00	49.98	56.00	-6.02	peak	
8		0.8140	28.99	10.00	38.99	46.00	-7.01	AVG	
9	*	1.6300	43.19	9.37	52.56	56.00	-3.44	peak	
10		1.6380	25.73	9.36	35.09	46.00	-10.91	AVG	
11		2.3740	37.17	9.37	46.54	56.00	-9.46	peak	
12		2.3740	23.04	9.37	32.41	46.00	-13.59	AVG	

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



Address: No.5, Langshan 2nd Rd., North Hi-Tech Industrial park  
Guangdong, China  
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### Conducted Emission Measurement



Site site #1

Phase: **N**

Temperature: 26

Limit: FCC Part15 B Class B QP

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

M/N: HKM750

Mode: BLUETOOTH

Note:

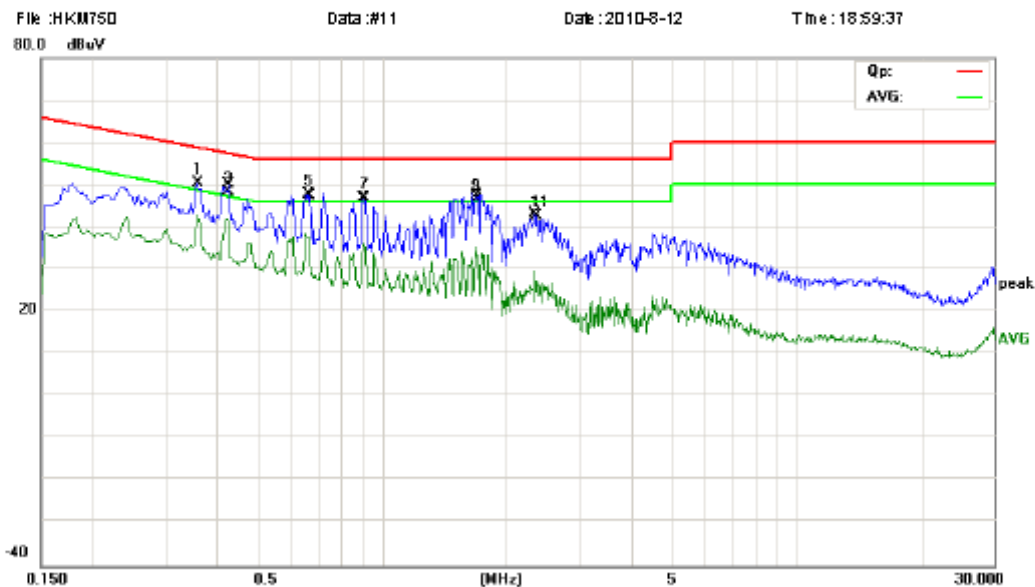
No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV	Limit dBμV	Over dB	Detector	Comment
1		0.4220	39.51	10.52	50.03	57.41	-7.38	peak	
2	*	0.4220	32.07	10.52	42.59	47.41	-4.82	AVG	
3		0.4863	35.79	10.09	45.88	56.23	-10.35	peak	
4		0.4863	29.13	10.09	39.22	46.23	-7.01	AVG	
5		0.6660	37.00	10.00	47.00	56.00	-9.00	peak	
6		0.6660	27.18	10.00	37.18	46.00	-8.82	AVG	
7		0.7300	38.15	10.00	48.15	56.00	-7.85	peak	
8		0.7300	29.55	10.00	39.55	46.00	-6.45	AVG	
9		0.9220	33.38	10.00	43.38	56.00	-12.62	peak	
10		0.9220	25.43	10.00	35.43	46.00	-10.57	AVG	
11		1.7700	38.50	9.23	47.73	56.00	-8.27	peak	
12		1.7700	26.05	9.23	35.28	46.00	-10.72	AVG	

\*: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: GSM Mobile Phone

M/N: HKM750

Mode: BLUETOOTH

Note:

No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV	Limit dBμV	Over dB	Detector	Comment
1		0.3580	39.41	10.95	50.36	58.77	-8.41	peak	
2		0.3580	31.90	10.95	42.85	48.77	-5.92	AVG	
3		0.4220	37.97	10.52	48.49	57.41	-8.92	peak	
4	*	0.4220	31.52	10.52	42.04	47.41	-5.37	AVG	
5		0.6580	37.75	10.00	47.75	56.00	-8.25	peak	
6		0.6660	27.95	10.00	37.95	46.00	-8.05	AVG	
7		0.9020	36.74	10.00	46.74	56.00	-9.26	peak	
8		0.9020	26.08	10.00	36.08	46.00	-9.92	AVG	
9		1.6780	37.23	9.32	46.55	56.00	-9.45	peak	
10		1.6780	26.22	9.32	35.54	46.00	-10.46	AVG	
11		2.3460	33.33	9.35	42.68	56.00	-13.32	peak	
12		2.3460	16.24	9.35	25.59	46.00	-20.41	AVG	

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

## 7. RADIATED EMISSION TEST

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

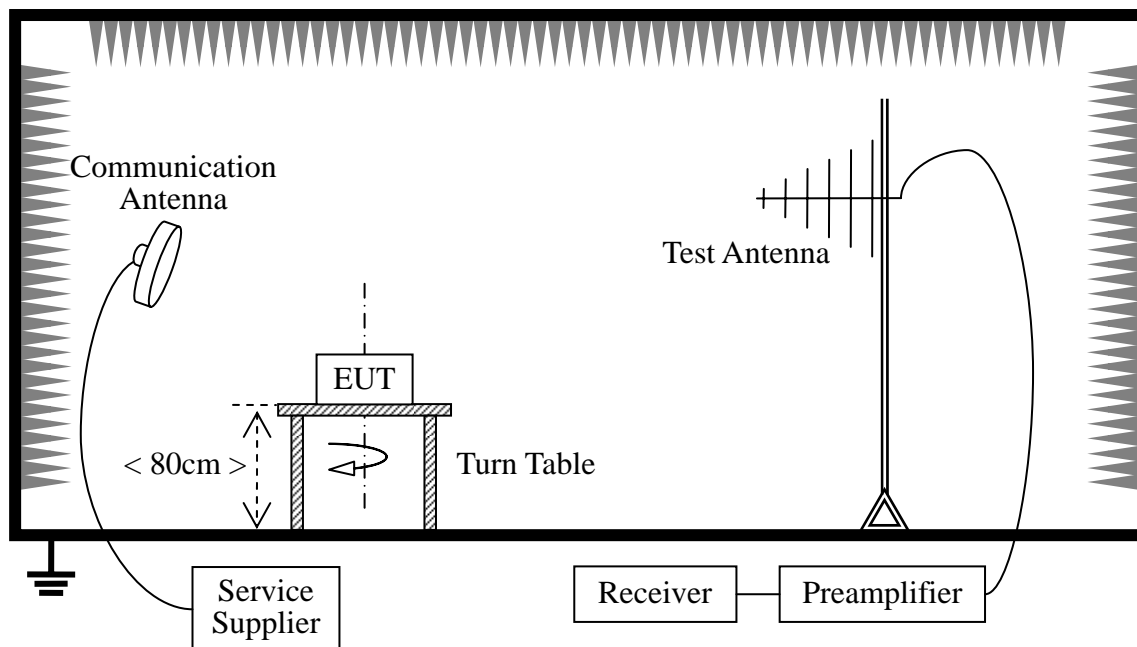
According to FCC section 15.109, except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

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

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. 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
Idle Mode	2010-08-22	STS100805F1	HKM750_1_(H, V)	<input type="checkbox"/>
Call Mode	2010-08-22	STS100805F1	HKM750_2_(H, V)	<input type="checkbox"/>
GPRS Mode	2010-08-22	STS100805F1	HKM750_3_(H, V)	<input type="checkbox"/>
MP3/MP4 Mode	2010-08-22	STS100805F1	HKM750_4_(H, V)	<input type="checkbox"/>
USB Mode	2010-08-22	STS100805F1	HKM750_5_(H, V)	<input type="checkbox"/>
Camera Mode	2010-08-22	STS100805F1	HKM750_6_(H, V)	<input type="checkbox"/>
Bluetooth Mode	2010-08-22	STS100805F1	HKM750_7_(H, V)	<input type="checkbox"/>
FM Mode	2010-08-22	STS100805F1	HKM750_8_(H, V)	<input checked="" 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

## Radiated Emission Measurement

File: HKM750

Data: #1

Date: 2010-8-12

Time: 19:17:26

70.0 dBuV/m



Site: site MOST 3M

Polarization: *Horizontal*

Temperature: 25

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

Distance:

M/N: HKM750

Mode: Bluetooth

Note:

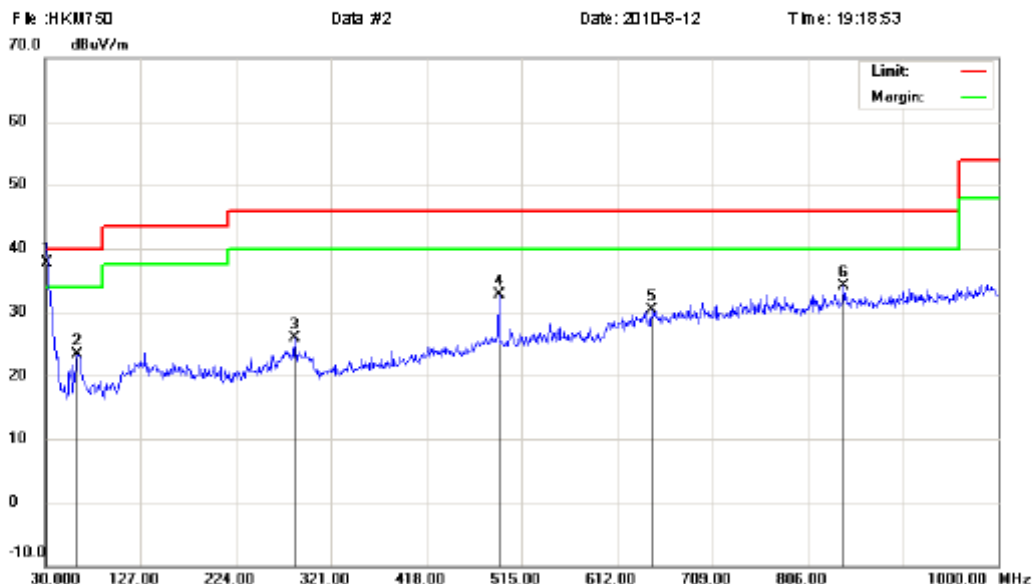
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		239.5200	10.58	17.17	27.75	46.00	-18.25	peak		
2		294.8100	6.04	19.30	25.34	46.00	-20.66	peak		
3		502.3900	11.19	21.40	32.59	46.00	-13.41	peak		
4		537.3100	7.46	22.22	29.68	46.00	-16.32	peak		
5		741.9800	6.34	25.62	31.96	46.00	-14.04	peak		
6	*	898.1500	5.84	27.38	33.22	46.00	-12.78	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



Site site MOST 3M

Polarization: **Vertical**

Temperature: 25

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

Distance:

M/N: HKM750

Mode: Bluetooth

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBμV	dB	dBμV/m	dBμV/m	dB	cm	degree	
1	*	31.5400	14.00	23.61	37.61	40.00	-2.39	QP		
2		62.9800	12.25	11.10	23.35	40.00	-16.65	peak		
3		284.1400	6.49	19.44	25.93	46.00	-20.07	peak		
4		491.7200	11.14	21.63	32.77	46.00	-13.23	peak		
5		646.9200	6.14	24.07	30.21	46.00	-15.79	peak		
6		842.8600	6.96	27.13	34.09	46.00	-11.91	peak		

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



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Tel: 0755-86170306 Fax: 0755-86170310

### Radiated Emission Measurement

File: HKM750

Data: #3

Date: 2010-8-12

Time: 19:24:13

70.0 dBuV/m



Site: site MOST 3M

Polarization: **Vertical**

Temperature: 25

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

Distance:

M/N: HKM750

Mode: Idle

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	31.4900	13.00	23.66	36.66	40.00	-3.34	QP		
2		62.0100	13.41	11.00	24.41	40.00	-15.59	peak		
3		298.6900	6.08	19.30	25.38	46.00	-20.62	peak		
4		513.0600	6.11	21.56	27.67	46.00	-18.33	peak		
5		617.8200	6.60	23.44	30.04	46.00	-15.96	peak		
6		761.3800	6.11	25.66	31.77	46.00	-14.23	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

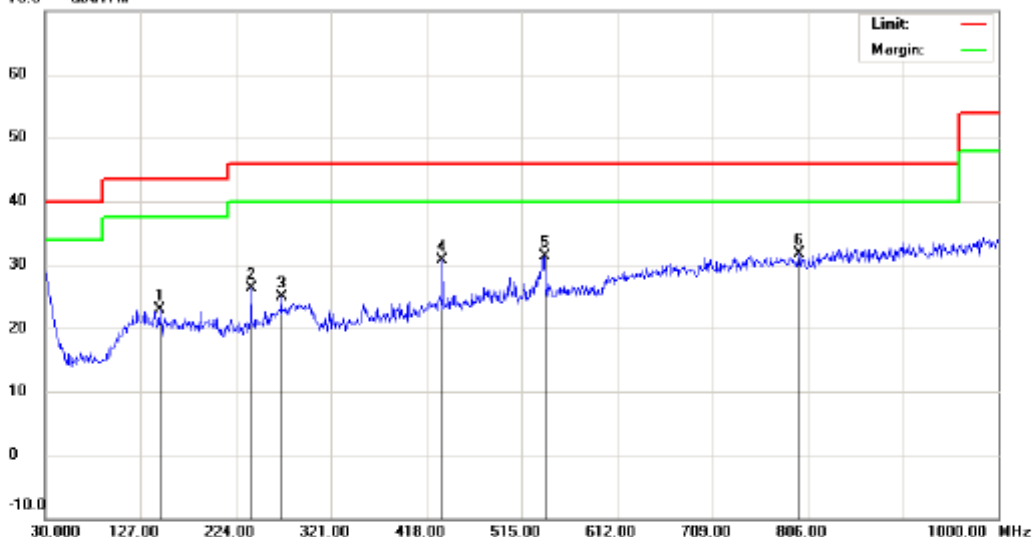
File: HKM750

Data: #4

Date: 2010-8-12

Time: 19:29:56

70.0 dBuV/m



Site: site MOST 3M

Polarization: **Horizontal**

Temperature: 25

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

Distance:

M/N: HKM750

Mode: Idle

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		146.4000	6.15	16.79	22.94	43.50	-20.56	peak		
2		239.5200	9.10	17.17	26.27	46.00	-19.73	peak		
3		270.5600	5.98	18.93	24.91	46.00	-21.09	peak		
4		434.4900	10.29	20.34	30.63	46.00	-15.37	peak		
5		537.3100	9.02	22.22	31.24	46.00	-14.76	peak		
6	*	797.2700	5.82	25.92	31.74	46.00	-14.26	peak		

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



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

### Radiated Emission Measurement

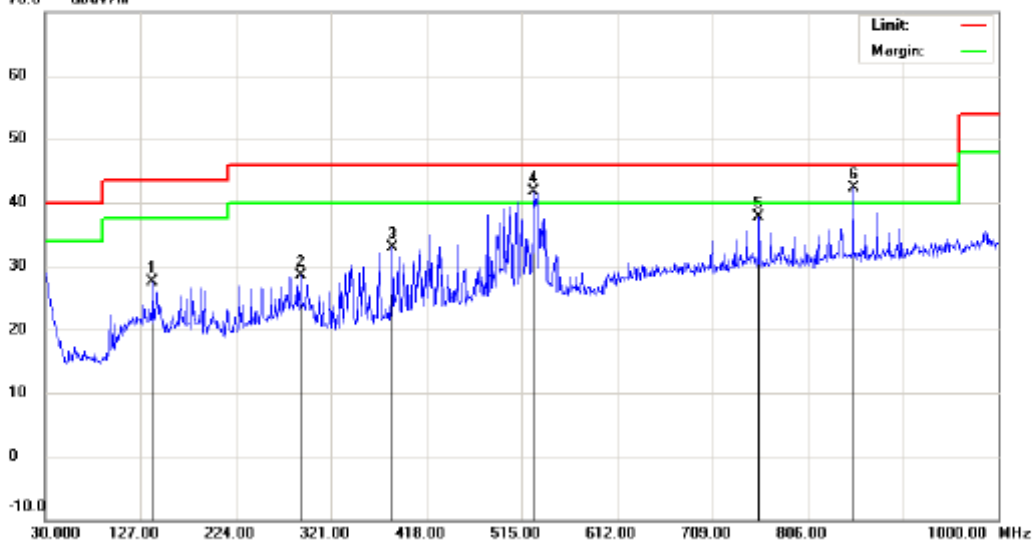
File: HKM750

Data: #5

Date: 2010-8-12

Time: 19:32:27

70.0 dBuV/m



Site: site MOST 3M

Polarization: *Horizontal*

Temperature: 25

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

Distance:

M/N: HKM750

Mode: Camera

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		139.6100	10.23	17.22	27.45	43.50	-16.05	peak		
2		289.9600	9.01	19.40	28.41	46.00	-17.59	peak		
3		384.0500	14.77	18.18	32.95	46.00	-13.05	peak		
4	!	527.6100	19.69	22.08	41.77	46.00	-4.23	peak		
5		756.5300	11.97	25.67	37.64	46.00	-8.36	peak		
6	*	852.5600	15.12	27.12	42.24	46.00	-3.76	peak		

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



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

### Radiated Emission Measurement

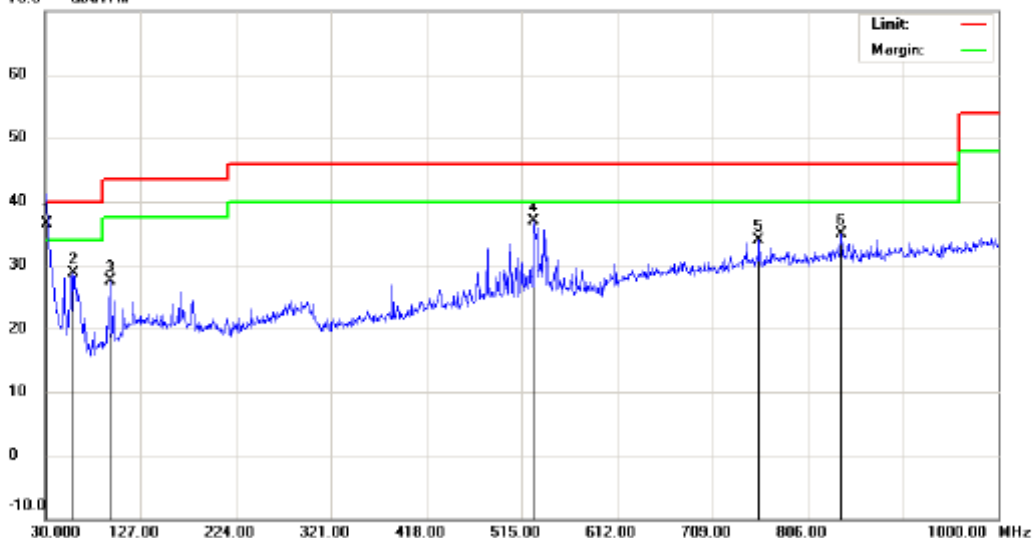
File: HKM750

Data: #6

Date: 2010-8-12

Time: 19:33:47

70.0 dBμV/m



Site: site MOST 3M

Polarization: **Vertical**

Temperature: 25

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

Distance:

M/N: HKM750

Mode: Camera

Note:

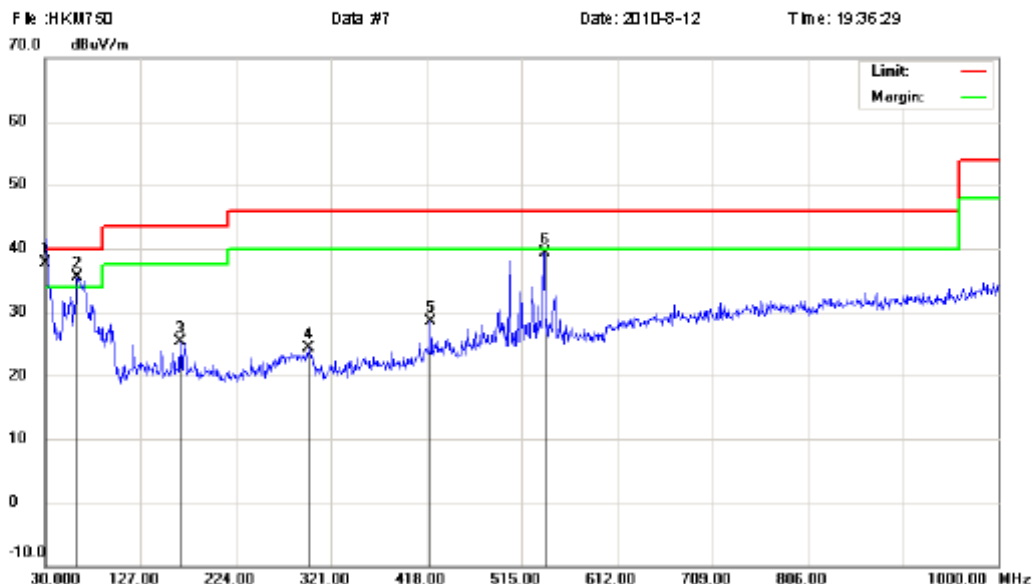
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBμV	dB	dBμV/m	dBμV/m	dB	Detector	cm	degree
1	*	31.5600	13.00	23.60	36.60	40.00	-3.40	QP		
2		59.1000	17.87	10.78	28.65	40.00	-11.35	peak		
3		95.9600	15.16	12.27	27.43	43.50	-16.07	peak		
4		527.6100	14.78	22.08	36.86	46.00	-9.14	peak		
5		756.5300	8.24	25.67	33.91	46.00	-12.09	peak		
6		839.9500	7.86	27.10	34.96	46.00	-11.04	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



Site: site MOST 3M

Polarization: **Vertical**

Temperature: 25

Limit: FCC Part 15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

Distance:

M/N: HKM750

Mode: MP3

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	30.8900	13.50	24.11	37.61	40.00	-2.39	QP		
2	!	62.9800	24.47	11.10	35.57	40.00	-4.43	peak		
3		167.7400	8.16	17.20	25.36	43.50	-18.14	peak		
4		298.6900	5.00	19.30	24.30	46.00	-21.70	peak		
5		422.8500	8.25	20.17	28.42	46.00	-17.58	peak		
6		537.3100	17.16	22.22	39.38	46.00	-6.62	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

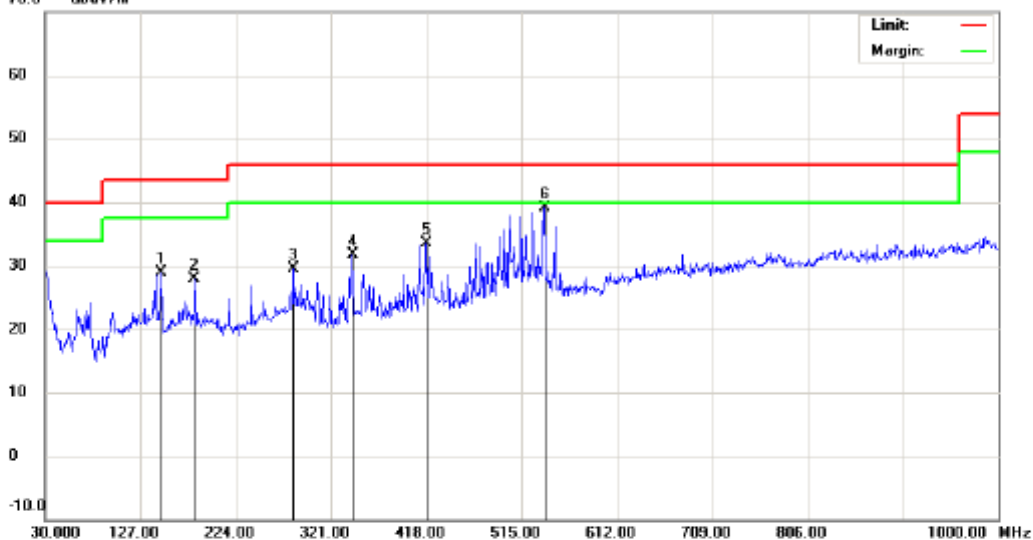
File: HKM750

Data: #8

Date: 2010-8-12

Time: 19:37:46

70.0 dBuV/m



Site: site MOST 3M

Polarization: *Horizontal*

Temperature: 25

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

Distance:

M/N: HKM750

Mode: MP3

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		148.3400	12.23	16.63	28.86	43.50	-14.64	peak		
2		182.2900	11.27	16.65	27.92	43.50	-15.58	peak		
3		283.1700	10.01	19.43	29.44	46.00	-16.56	peak		
4		342.3400	14.51	17.24	31.75	46.00	-14.25	peak		
5		417.0300	13.87	19.67	33.54	46.00	-12.46	peak		
6	*	537.3100	16.86	22.22	39.08	46.00	-6.92	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

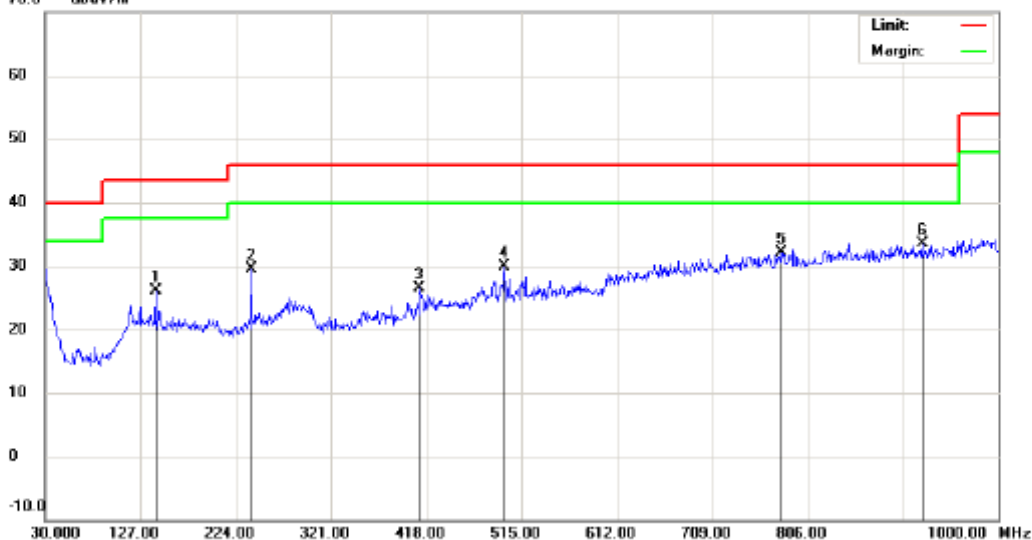
File: HKM750

Data: #9

Date: 2010-8-12

Time: 19:39:34

70.0 dBuV/m



Site: site MOST 3M

Polarization: **Horizontal**

Temperature: 25

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

Distance:

M/N: HKM750

Mode: FM

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		142.5200	9.00	17.05	26.05	43.50	-17.45	peak		
2		239.5200	12.37	17.17	29.54	46.00	-16.46	peak		
3		411.2100	7.31	19.18	26.49	46.00	-19.51	peak		
4		497.5400	8.54	21.45	29.99	46.00	-16.01	peak		
5		778.8400	5.97	26.17	32.14	46.00	-13.86	peak		
6	*	922.4000	5.91	27.58	33.49	46.00	-12.51	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

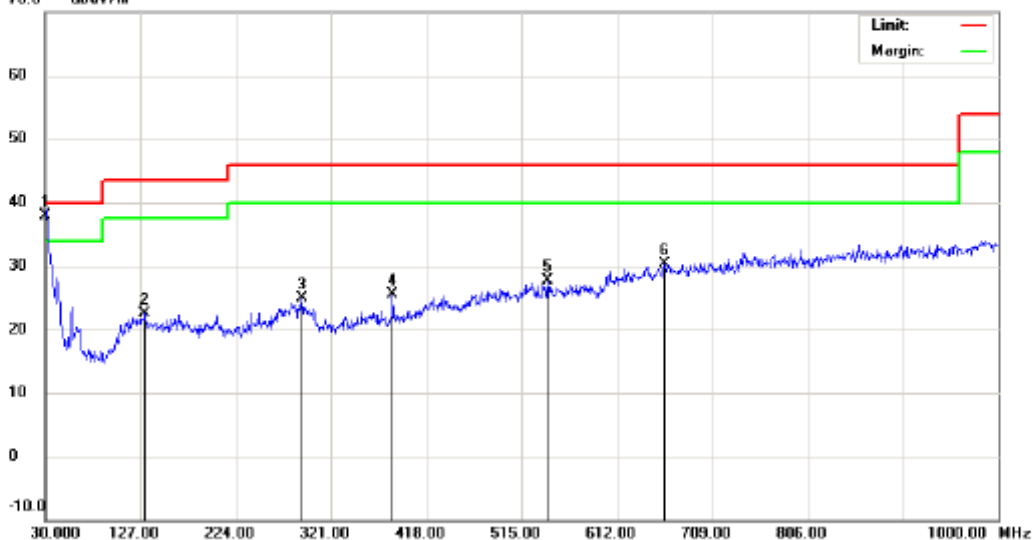
File: HKM750

Data: #10

Date: 2010-8-12

Time: 19:40:46

70.0 dBuV/m



Site: site MOST 3M

Polarization: **Vertical**

Temperature: 25

Limit: FCC Part15 B 3M Radiation

Power: AC 120V/60Hz

Humidity: 60 %

EUT: GSM Mobile Phone

Distance:

M/N: HKM750

Mode: FM

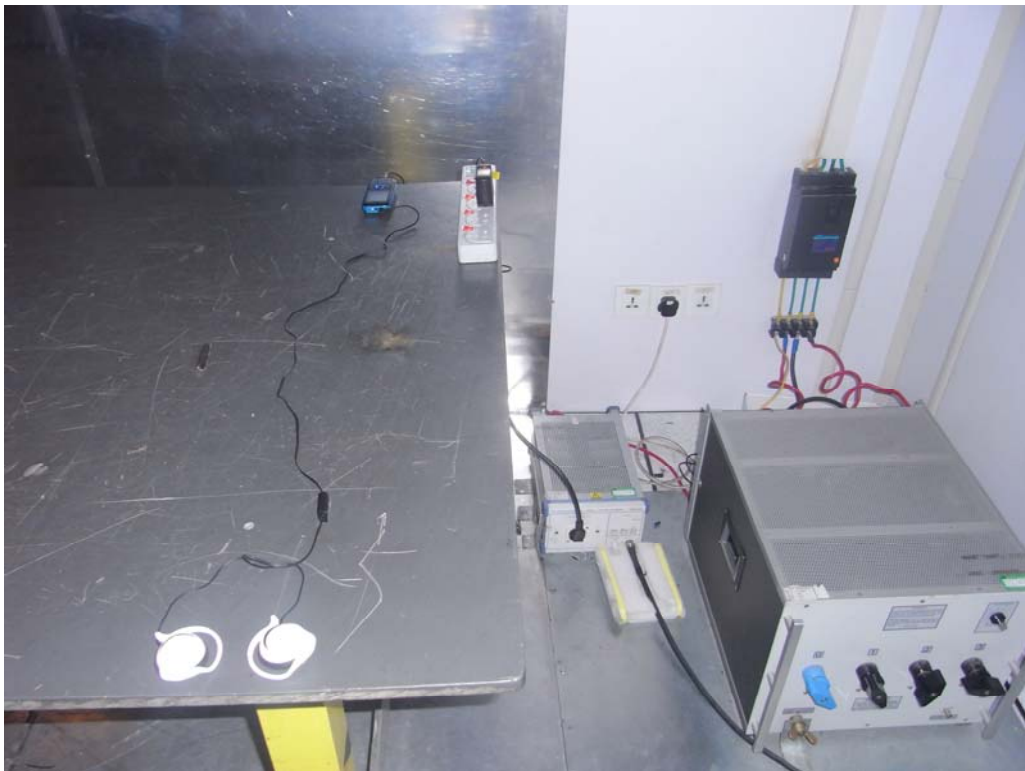
Note:

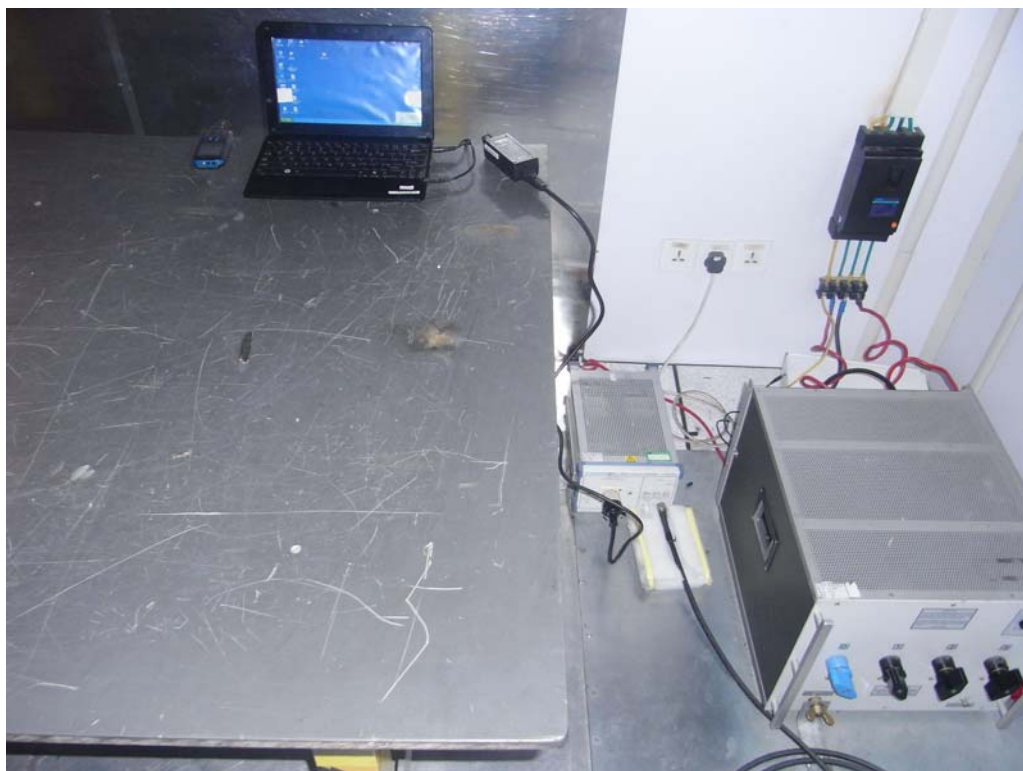
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	30.9700	13.84	24.05	37.89	40.00	-2.11	QP		
2		131.8500	4.84	17.61	22.45	43.50	-21.05	peak		
3		291.9000	5.51	19.36	24.87	46.00	-21.13	peak		
4		384.0500	7.33	18.18	25.51	46.00	-20.49	peak		
5		541.1900	5.52	22.22	27.74	46.00	-18.26	peak		
6		660.5000	6.00	24.21	30.21	46.00	-15.79	peak		

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

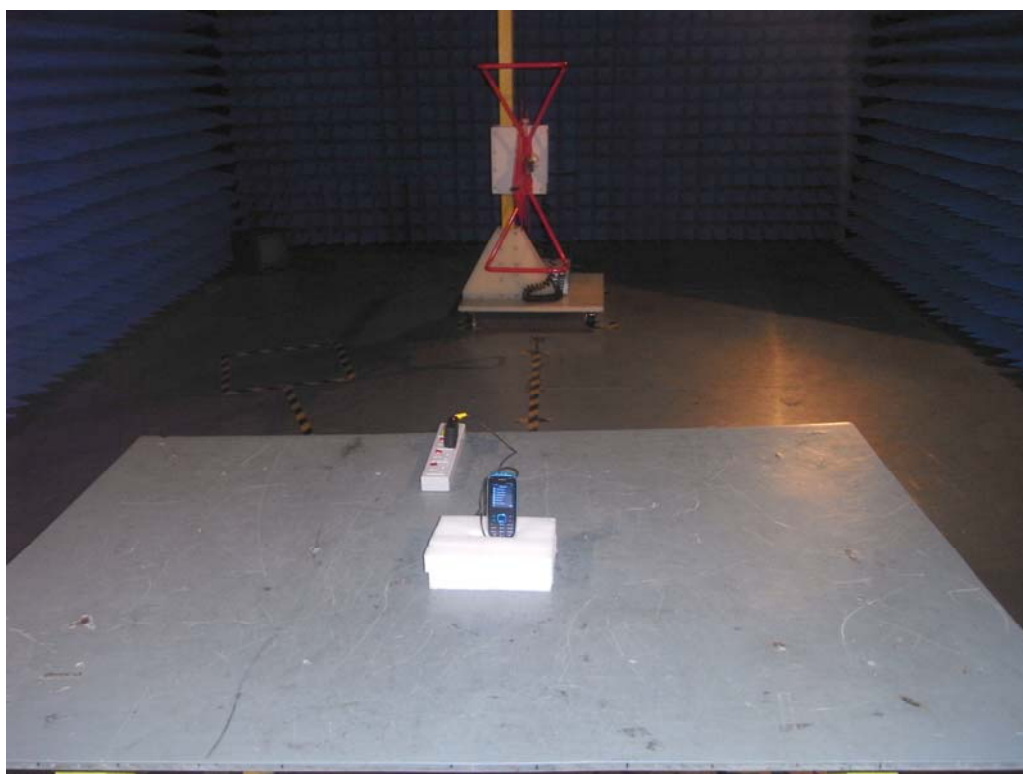
**APPENDIX 1**  
**PHOTOGRAPHS OF TEST SETUP**

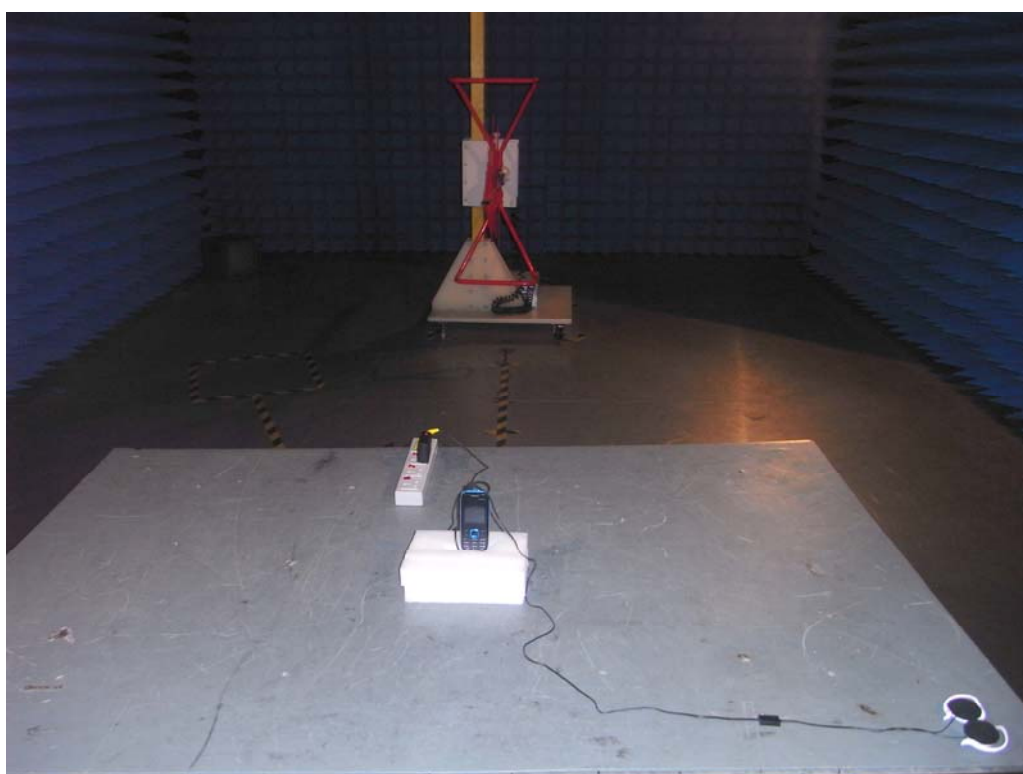
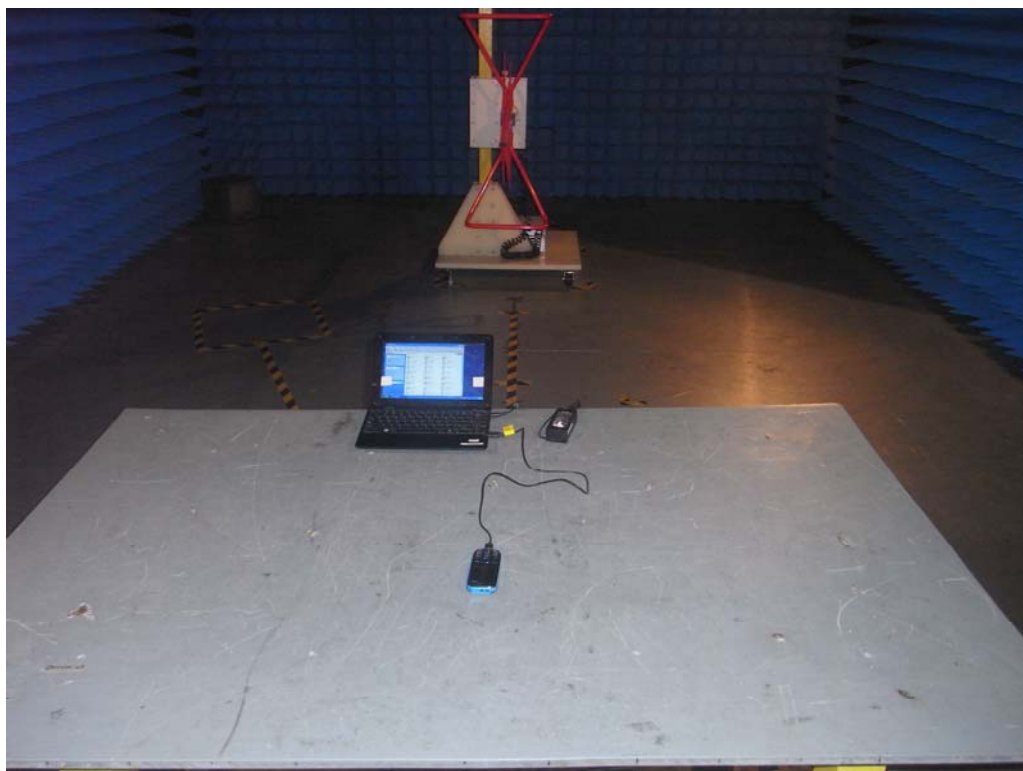
CE TEST SETUP



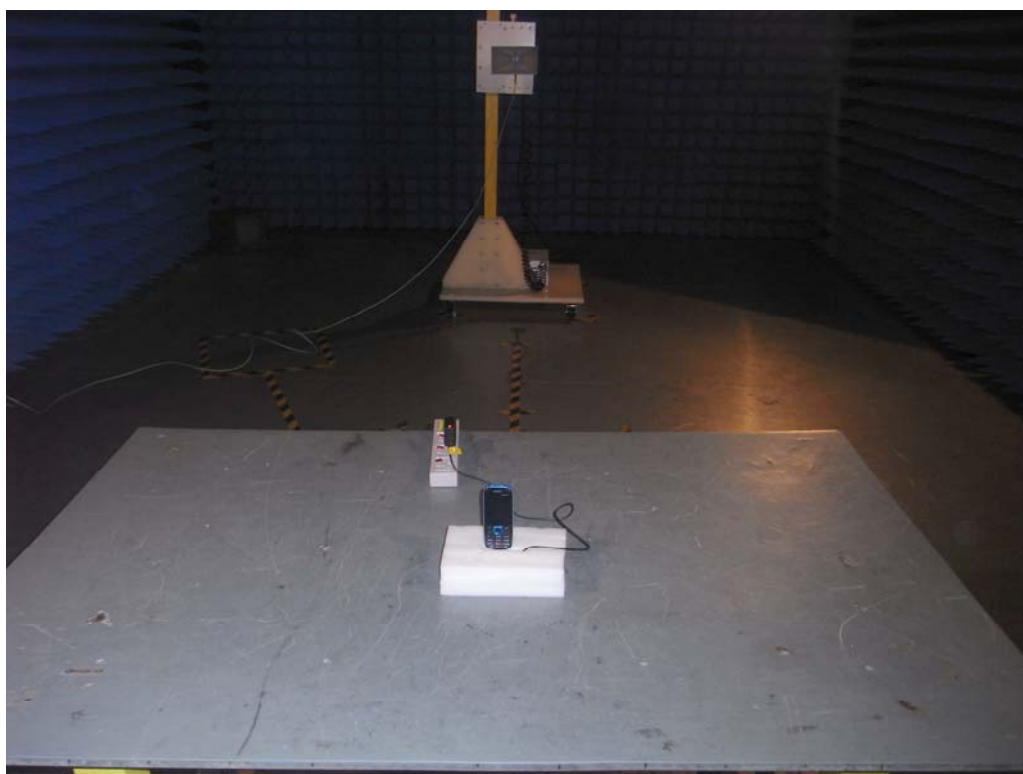
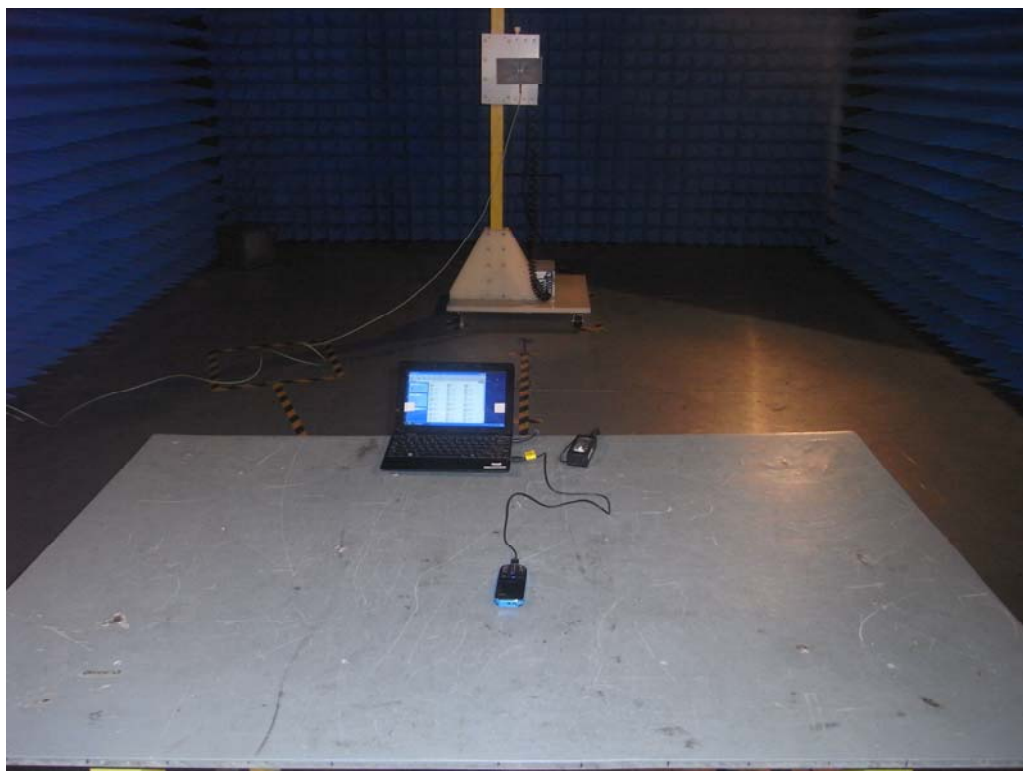


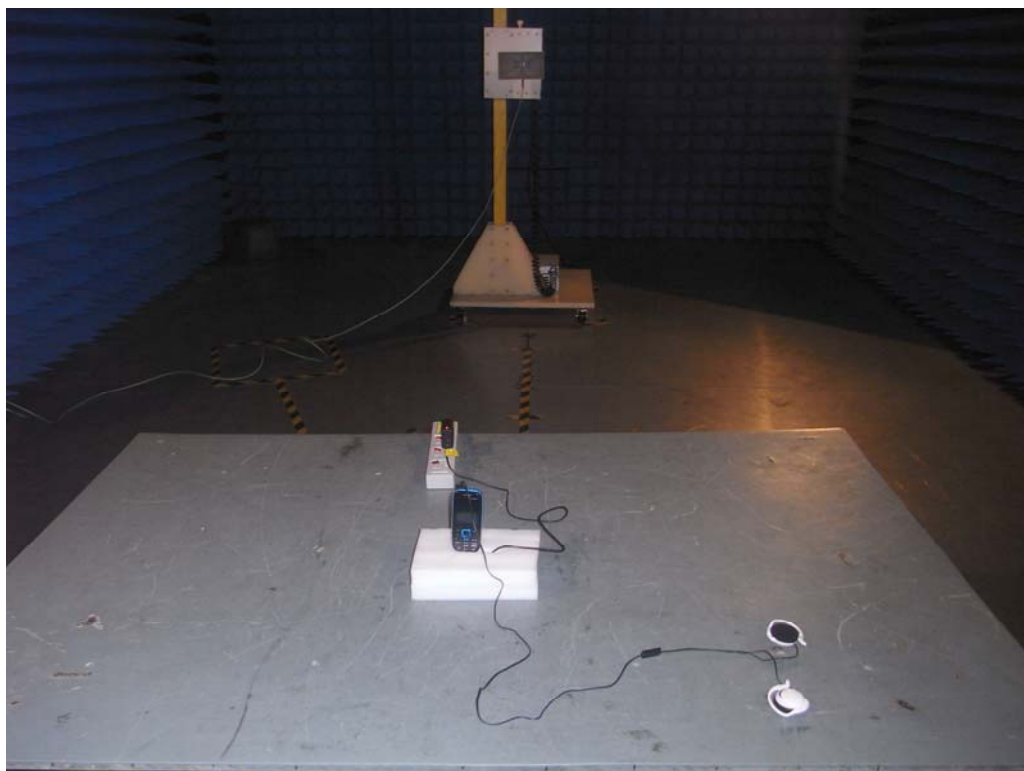
RE TEST SETUP













## **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 POWER SUPPLY



PHOTO OF USB CABLE



PHOTO OF HEADPHONE



PHOTO OF BATTERY

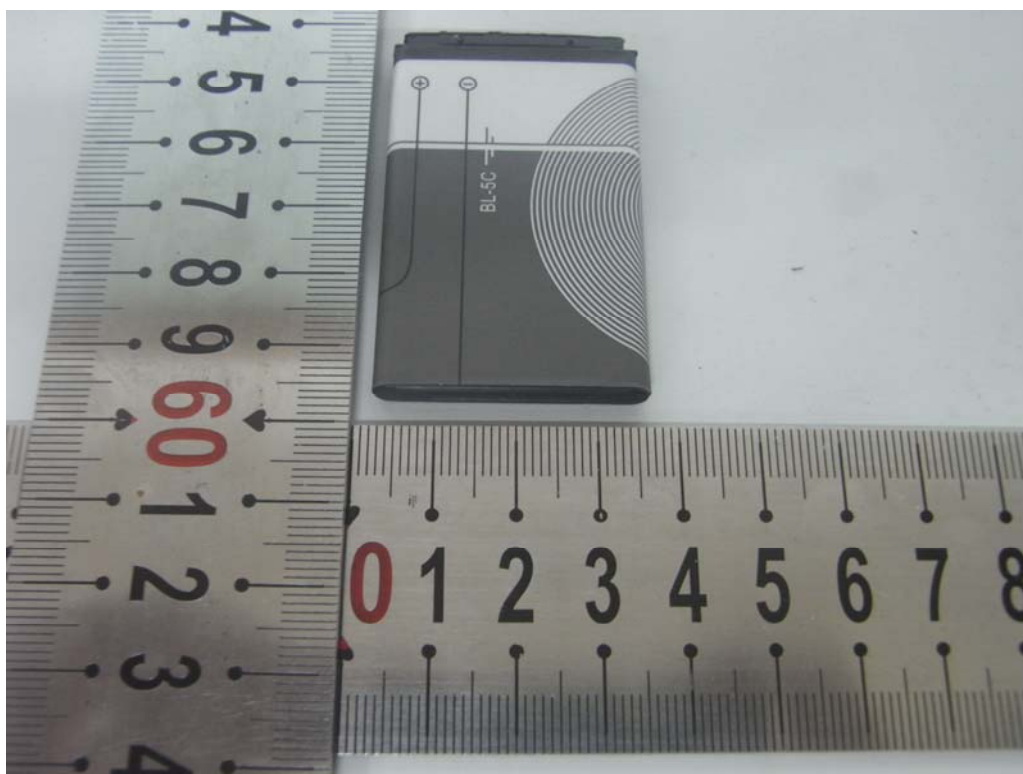
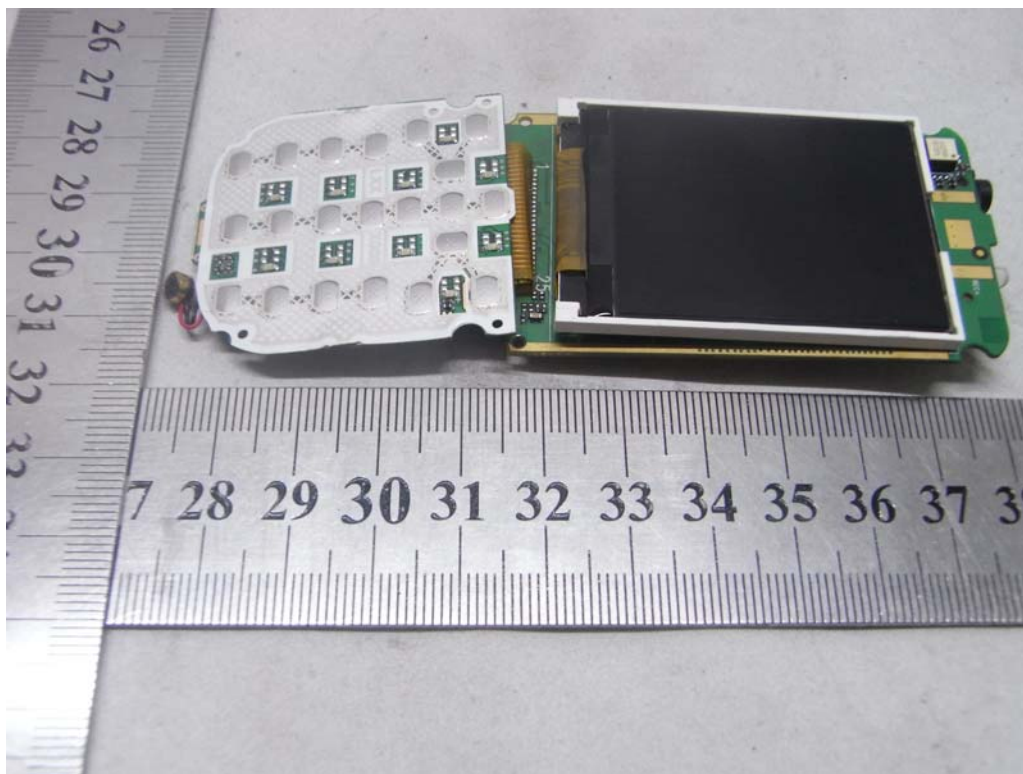




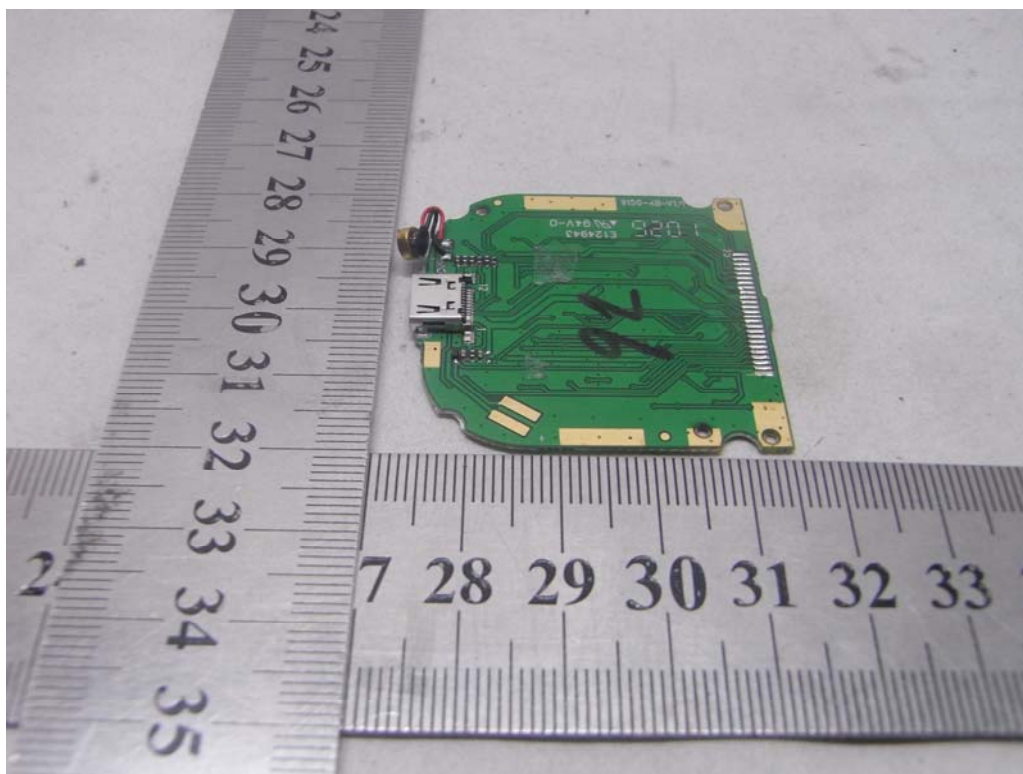
PHOTO OF THE ENTIRE SAMPLE



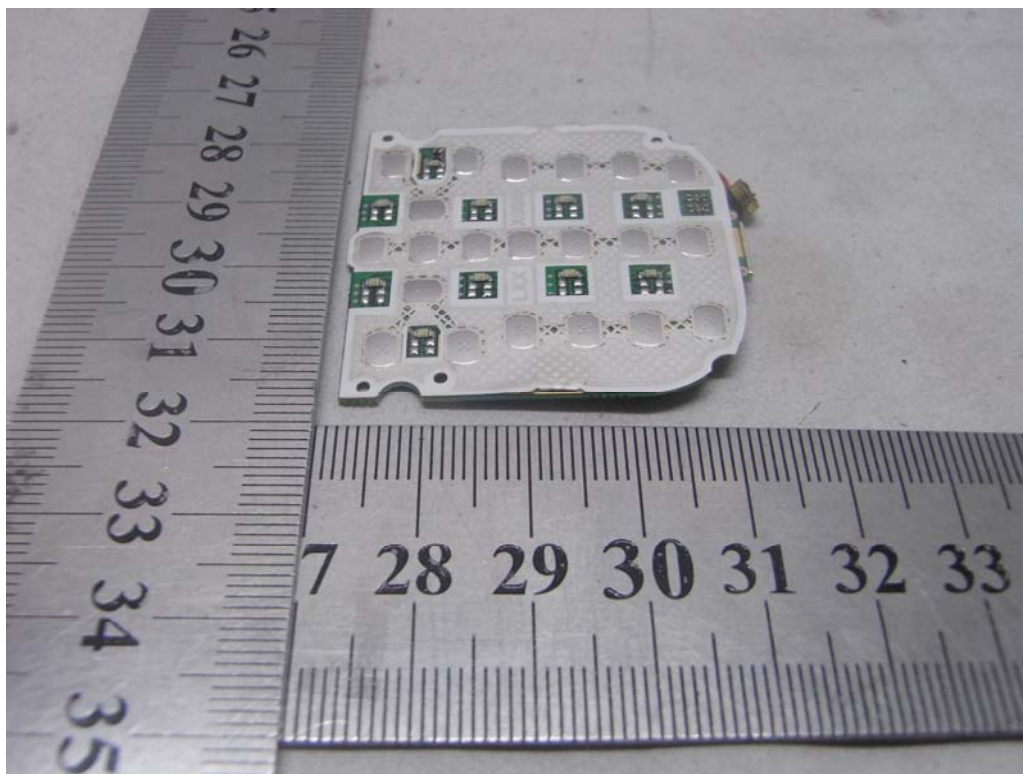
INTERNAL PHOTO OF SAMPLE – 1



INTERNAL PHOTO OF SAMPLE -2

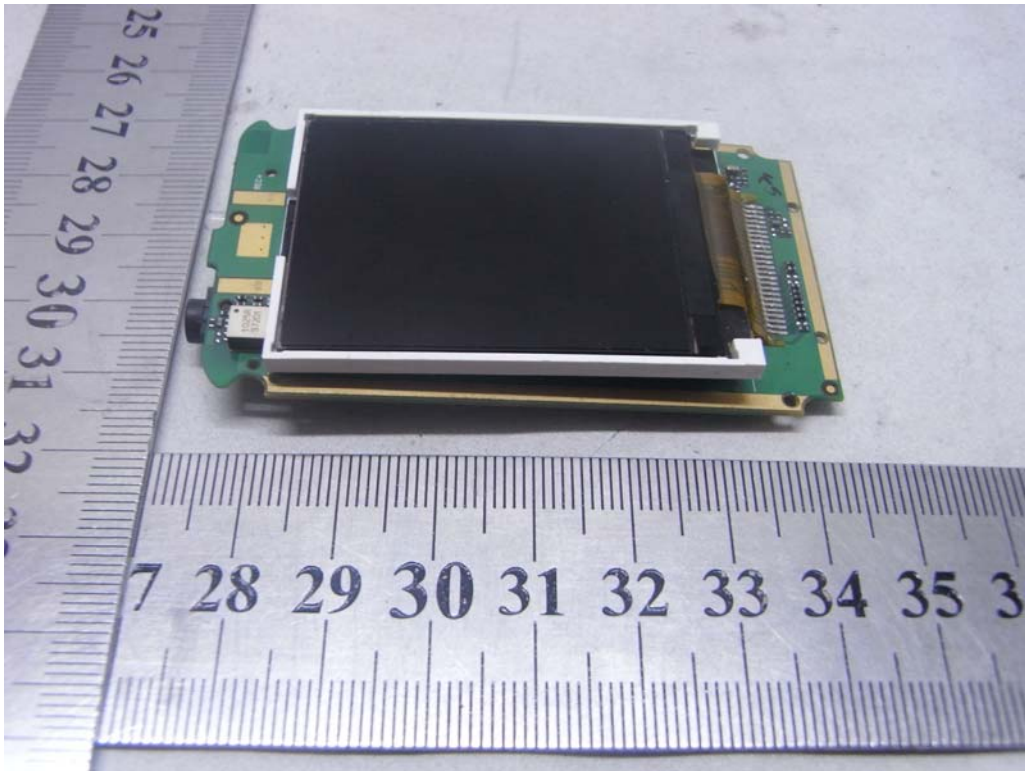


INTERNAL PHOTO OF SAMPLE -3

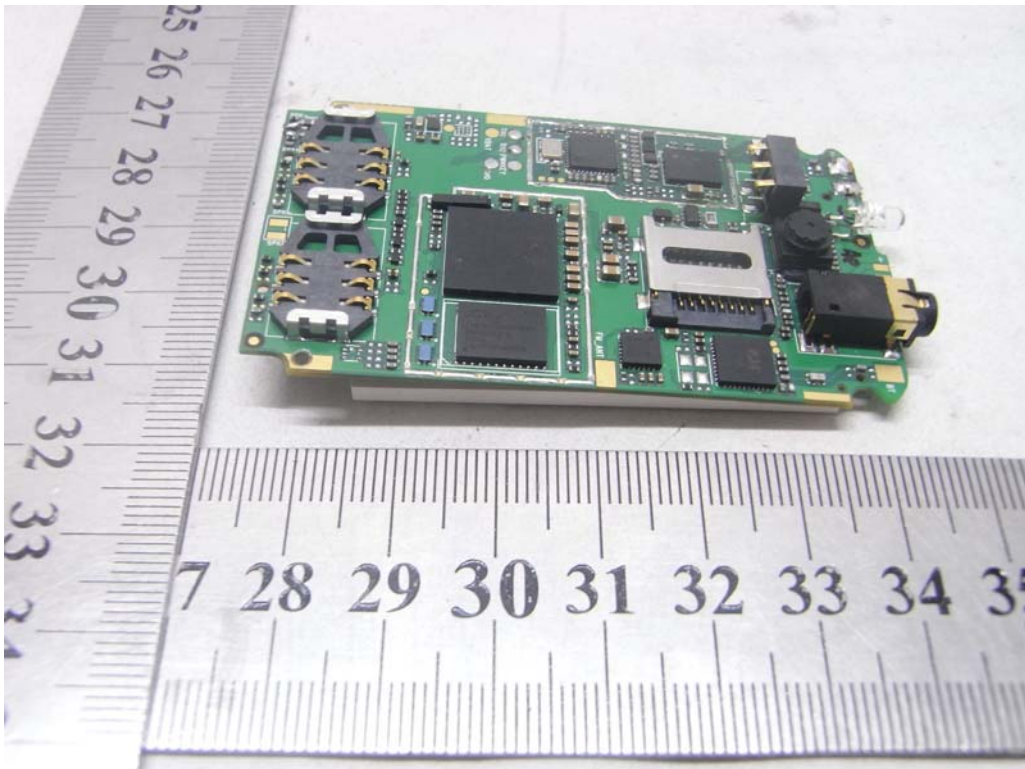




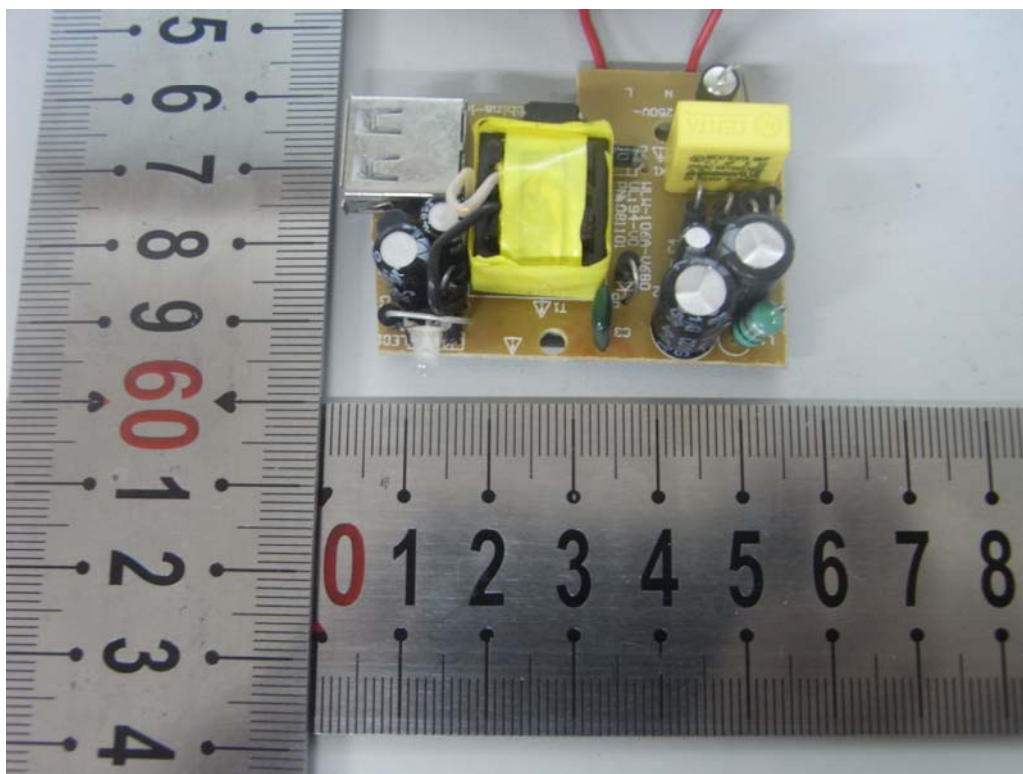
INTERNAL PHOTO OF SAMPLE -4



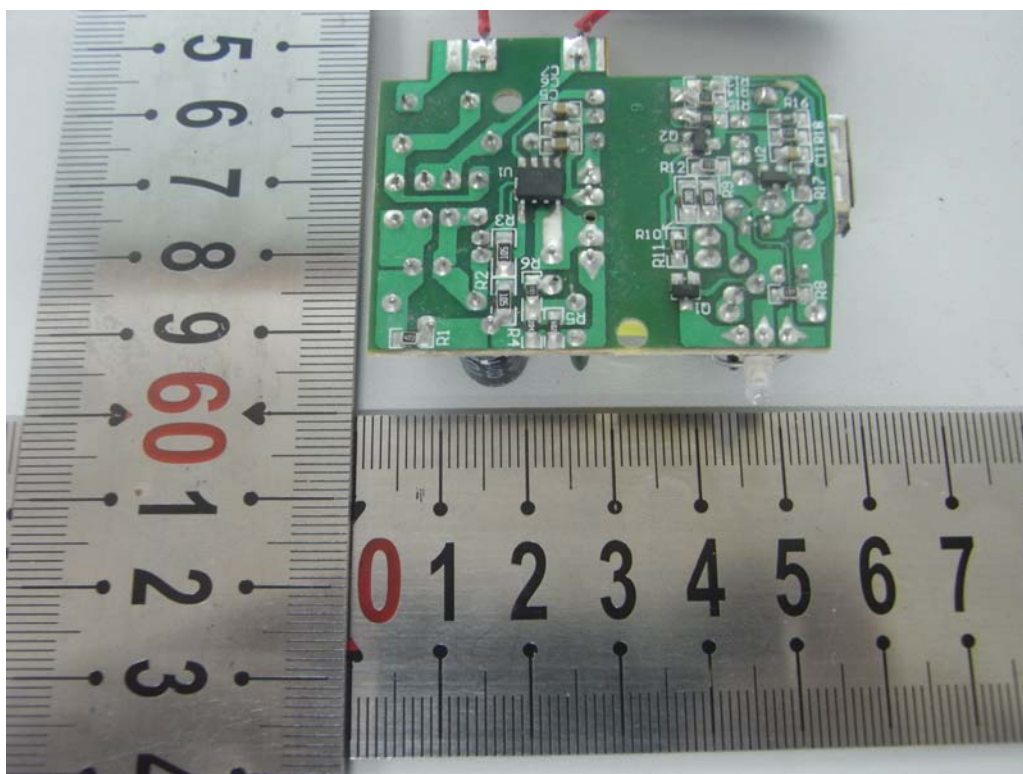
INTERNAL PHOTO OF SAMPLE -5



INTERNAL PHOTO OF POWER SUPPLY-1



INTERNAL PHOTO OF POWER SUPPLY-2



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