

# EMC TEST REPORT



Report No.: 15050043-FCC-E

Supersede Report No.:N/A

Applicant	b mobile HK Limited	
Product Name	Mobile phone	
Model No.	B1+	
Serial No.	AX1095	
Test Standard	FCC Part 15 Subpart B Class B:2014, ANSI C63.4: 2014	
Test Date	November 06 to November 23, 2015	
Issue Date	December 17, 2015	
Test Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	
Equipment complied with the specification <input checked="" type="checkbox"/>		
Equipment did not comply with the specification <input type="checkbox"/>		
<i>Winnie Zhang</i>	<i>David Huang</i>	
Winnie Zhang Test Engineer	David Huang Checked By	
This test report may be reproduced in full only Test result presented in this test report is applicable to the tested sample only		

Issued by:

**SIEMIC (SHENZHEN-CHINA) LABORATORIES**

Zone A, Floor 1, Building 2 Wan Ye Long Technology Park

South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China 518108

Phone: +86 0755 2601 4629801 Email: [China@siemic.com.cn](mailto:China@siemic.com.cn)

## Laboratories Introduction

SIEMIC, headquartered in the heart of Silicon Valley, with superior facilities in US and Asia, is one of the leading independent testing and certification facilities providing customers with one-stop shop services for Compliance Testing and Global Certifications.



In addition to testing and certification, SIEMIC provides initial design reviews and compliance management throughout a project. Our extensive experience with China, Asia Pacific, North America, European, and International compliance requirements, assures the fastest, most cost effective way to attain regulatory compliance for the global markets.

### Accreditations for Conformity Assessment

Country/Region	Scope
USA	EMC, RF/Wireless, SAR, Telecom
Canada	EMC, RF/Wireless, SAR, Telecom
Taiwan	EMC, RF, Telecom, SAR, Safety
Hong Kong	RF/Wireless, SAR, Telecom
Australia	EMC, RF, Telecom, SAR, Safety
Korea	EMI, EMS, RF, SAR, Telecom, Safety
Japan	EMI, RF/Wireless, SAR, Telecom
Singapore	EMC, RF, SAR, Telecom
Europe	EMC, RF, SAR, Telecom, Safety

Test Report	15050043-FCC-E
Page	3 of 31

This page has been left blank intentionally.

## CONTENTS

1. REPORT REVISION HISTORY .....	5
2. CUSTOMER INFORMATION .....	5
3. TEST SITE INFORMATION .....	5
4. EQUIPMENT UNDER TEST (EUT) INFORMATION .....	6
5. TEST SUMMARY .....	8
6. MEASUREMENTS, EXAMINATION AND DERIVED RESULTS .....	9
6.1 AC POWER LINE CONDUCTED EMISSIONS.....	9
6.2 RADIATED EMISSIONS.....	15
ANNEX A. TEST INSTRUMENT.....	20
ANNEX B. EUT AND TEST SETUP PHOTOGRAPHS.....	21
ANNEX C. TEST SETUP AND SUPPORTING EQUIPMENT.....	27
ANNEX D. USER MANUAL / BLOCK DIAGRAM / SCHEMATICS / PARTLIST .....	30
ANNEX E. DECLARATION OF SIMILARITY.....	31

## 1. Report Revision History

Report No.	Report Version	Description	Issue Date
15050043-FCC-E	NONE	Original	November 23, 2015
15050043-FCC-E	V1	Change test photos	December 15, 2015
15050043-FCC-E	V2	Adding Serial No	December 17, 2015

## 2. Customer information

Applicant Name	b mobile HK Limited
Applicant Add	Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak Street; Kwai Chung;New Territories; Hong Kong
Manufacturer	b mobile HK Limited
Manufacturer Add	Flat 18; 14/F Block 1; Golden Industrial Building;16-26 Kwai Tak Street; Kwai Chung;New Territories; Hong Kong

## 3. Test site information

Lab performing tests	SIEMIC (Shenzhen-China) LABORATORIES
Lab Address	Zone A, Floor 1, Building 2 Wan Ye Long Technology Park South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China 518108
FCC Test Site No.	718246
IC Test Site No.	4842E-1
Test Software	Radiated Emission Program-To Shenzhen v2.0

## 4. Equipment under Test (EUT) Information

Description of EUT:	Mobile phone
Main Model:	B1+
Serial Model:	AX1095
Date EUT received:	November 05,2015
Test Date(s):	November 06 to November 23, 2015
Antenna Gain:	GSM850: -1dBi PCS1900: 0 dBi UMTS-FDD Band V: 0 dBi UMTS-FDD Band IV: 0.5 dBi UMTS-FDD Band II: 0.5 dBi Bluetooth/BLE: 0.5 dBi WIFI:0.5dBi LTE Band 2: 0.5 dBi LTE Band 4: 0.5 dBi LTE Band 5: 0dBi LTE Band 7: 0.8 dBi LTE Band 12: 0 dBi GPS:1.8 dBi
Type of Modulation:	GSM / GPRS: GMSK EGPRS: GMSK, 8PSK UMTS-FDD: QPSK, 16QAM 802.11b/g/n: DSSS, OFDM Bluetooth: GFSK, $\pi$ /4DQPSK, 8DPSK BLE: GFSK LTE Band: QPSK, 16QAM GPS:BPSK

Test Report	15050043-FCC-E
Page	7 of 31

	<p>GSM850 TX: 824.2 ~ 848.8 MHz; RX: 869.2 ~ 893.8 MHz</p> <p>PCS1900 TX: 1850.2 ~ 1909.8 MHz; RX: 1930.2 ~ 1989.8 MHz</p> <p>UMTS-FDD Band V TX: 826.4 ~ 846.6 MHz; RX: 871.4 ~ 891.6 MHz</p> <p>UMTS-FDD Band IV TX:1712.4 ~ 1752.6 MHz;</p> <p>UMTS-FDD Band II TX:1852.4 ~ 1907.6 MHz;</p> <p>RX: 1932.4 ~ 1987.6 MHz</p> <p>WiFi:802.11b/g/n(20M): 2412-2472 MHz</p>
RF Operating Frequency (ies):	<p>WiFi:802.11n(40M): 2422-2462 MHz</p> <p>Bluetooth&amp; BLE: 2402-2480 MHz</p> <p>LTE Band 2 TX: 1852.5 ~ 1907.5 MHz; RX : 1932.5 ~ 1987.5 MHz</p> <p>LTE Band 4 TX: 1712.5 ~ 1752.5 MHz; RX : 2112.5 ~ 2152.5 MHz</p> <p>LTE Band 5 TX: 826.5 ~ 846.5 MHz; RX : 871.5 ~ 891.5 MHz</p> <p>LTE Band 7 TX: 2502.5 ~ 2567.5 MHz; RX : 2622.5 ~ 2687.5 MHz</p> <p>LTE Band 12 TX:699.7 ~ 715.3 MHz; RX : 729.7~ 745.3MHz</p> <p>GPS RX:1575.42 MHz</p>
Input Power:	<p>Adapter:</p> <p>Model: UD2AA50150</p> <p>Input: AC 100-240V; 50/60Hz; 250mA</p> <p>Output: DC 5.0V,1.5A</p> <p>Battery:</p> <p>Spec: 3000mAh/11.4wh+</p>
Port:	Power Port, Earphone Port, USB Port
GPRS/EGPRS Multi-slot class	8/10/12
Trade Name :	Bmobile
FCC ID:	ZSW-30-018

## 5. Test Summary

The product was tested in accordance with the following specifications.

All testing has been performed according to below product classification:

FCC Rules	Description of Test	Result
§15.107; ANSI C63.4: 2014	AC Power Line Conducted Emissions	Compliance
§15.109; ANSI C63.4: 2014	Radiated Emissions	Compliance

### Measurement Uncertainty

Emissions		
Test Item	Description	Uncertainty
Band Edge and Radiated Spurious Emissions	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m)	+5.6dB/-4.5dB
-	-	-




## 6. Measurements, Examination And Derived Results

### 6.1 AC Power Line Conducted Emissions

Temperature	22°C
Relative Humidity	55%
Atmospheric Pressure	1013mbar
Test date :	November 13, 2015
Tested By :	Winnie Zhang

#### Requirement(s):

Spec	Item	Requirement	Applicable														
47CFR§15.107	a)	For Low-power radio-frequency devices 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). The lower limit applies at the boundary between the frequencies ranges.															
		<table><tr><th rowspan="2">Frequency ranges (MHz)</th><th colspan="2">Limit (dBµV)</th></tr><tr><th>QP</th><th>Average</th></tr><tr><td>0.15 ~ 0.5</td><td>66 – 56</td><td>56 – 46</td></tr><tr><td>0.5 ~ 5</td><td>56</td><td>46</td></tr><tr><td>5 ~ 30</td><td>60</td><td>50</td></tr></table>	Frequency ranges (MHz)	Limit (dBµV)		QP	Average	0.15 ~ 0.5	66 – 56	56 – 46	0.5 ~ 5	56	46	5 ~ 30	60	50	
Frequency ranges (MHz)	Limit (dBµV)																
	QP	Average															
0.15 ~ 0.5	66 – 56	56 – 46															
0.5 ~ 5	56	46															
5 ~ 30	60	50															

Test Setup	 <p>Note: 1.Support units were connected to second LISN. 2.Both of LISNs (AMN) are 80cm from EUT and at least 80cm from other units and other metal planes support units.</p>
------------	---

Procedure	<ol style="list-style-type: none"> <li>The EUT and supporting equipment were set up in accordance with the requirements of the standard on top of a 1.5m x 1m x 0.8m high, non-metallic table.</li> <li>The power supply for the EUT was fed through a 50Ω /50mH EUT LISN, connected to filtered mains.</li> </ol>
-----------	--

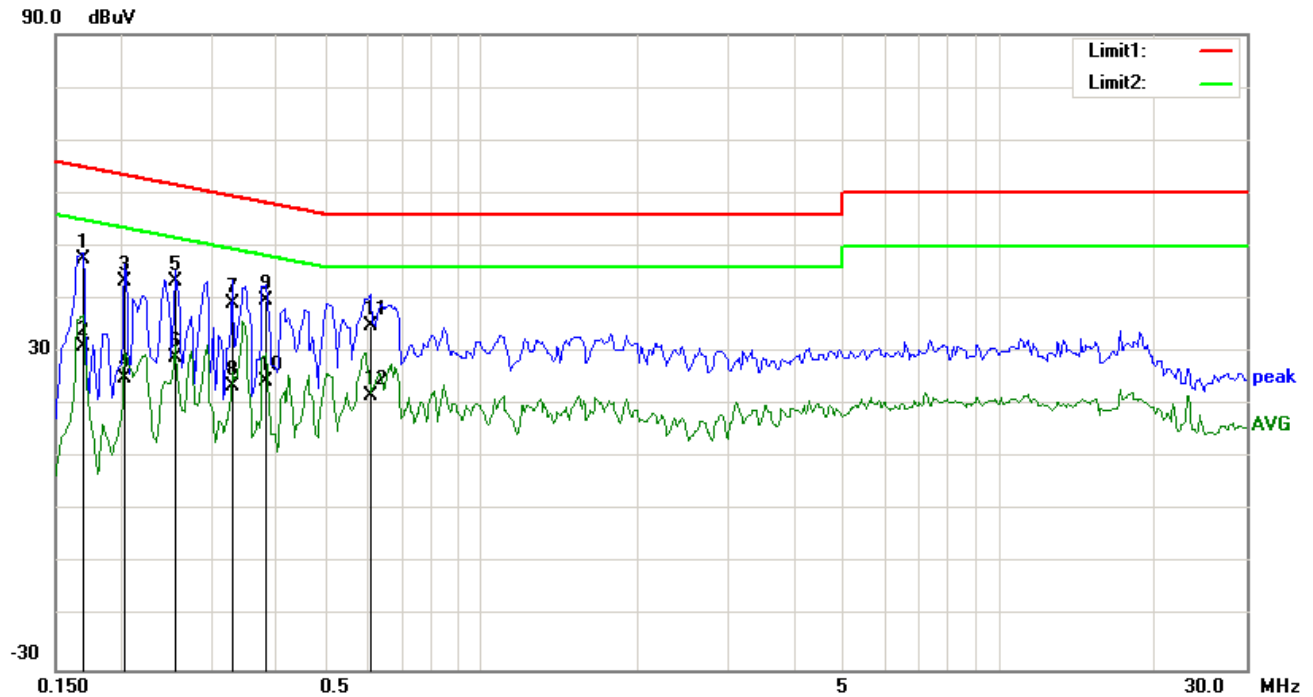
Test Report	15050043-FCC-E
Page	10 of 31

	<p>3. The RF OUT of the EUT LISN was connected to the EMI test receiver via a low-loss coaxial cable.</p> <p>4. All other supporting equipment were powered separately from another main supply.</p> <p>5. The EUT was switched on and allowed to warm up to its normal operating condition.</p> <p>6. A scan was made on the NEUTRAL line (for AC mains) or Earth line (for DC power) over the required frequency range using an EMI test receiver.</p> <p>7. High peaks, relative to the limit line, The EMI test receiver was then tuned to the selected frequencies and the necessary measurements made with a receiver bandwidth setting of 10 kHz.</p> <p>8. Step 7 was then repeated for the LIVE line (for AC mains) or DC line (for DC power).</p>
Remark	
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Test Data ☒ Yes ☐ N/A

Test Plot ☒ Yes (See below) ☐ N/A

**Test Mode 1 : USB Mode**

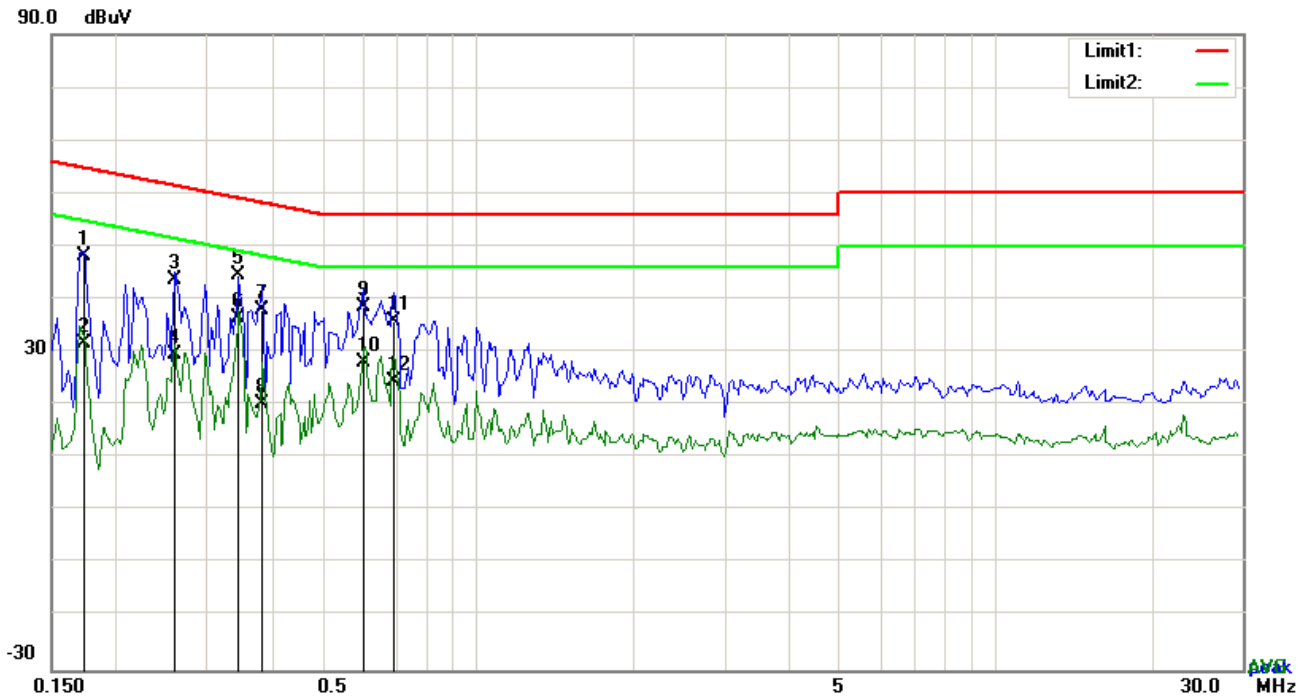


**Test Data**

**Phase Line Plot at 120Vac, 60Hz**

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)
1	L1	0.1695	37.56	QP	10.03	47.59	64.98	-17.39
2	L1	0.1695	21.14	AVG	10.03	31.17	54.98	-23.81
3	L1	0.2046	33.17	QP	10.03	43.20	63.42	-20.22
4	L1	0.2046	14.93	AVG	10.03	24.96	53.42	-28.46
5	L1	0.2553	33.20	QP	10.03	43.23	61.58	-18.35
6	L1	0.2553	19.06	AVG	10.03	29.09	51.58	-22.49
7	L1	0.3294	29.20	QP	10.03	39.23	59.47	-20.24
8	L1	0.3294	13.50	AVG	10.03	23.53	49.47	-25.94
9	L1	0.3840	29.65	QP	10.03	39.68	58.19	-18.51
10	L1	0.3840	14.37	AVG	10.03	24.40	48.19	-23.79
11	L1	0.6102	25.02	QP	10.03	35.05	56.00	-20.95
12	L1	0.6102	11.68	AVG	10.03	21.71	46.00	-24.29

Test Mode : USB Mode

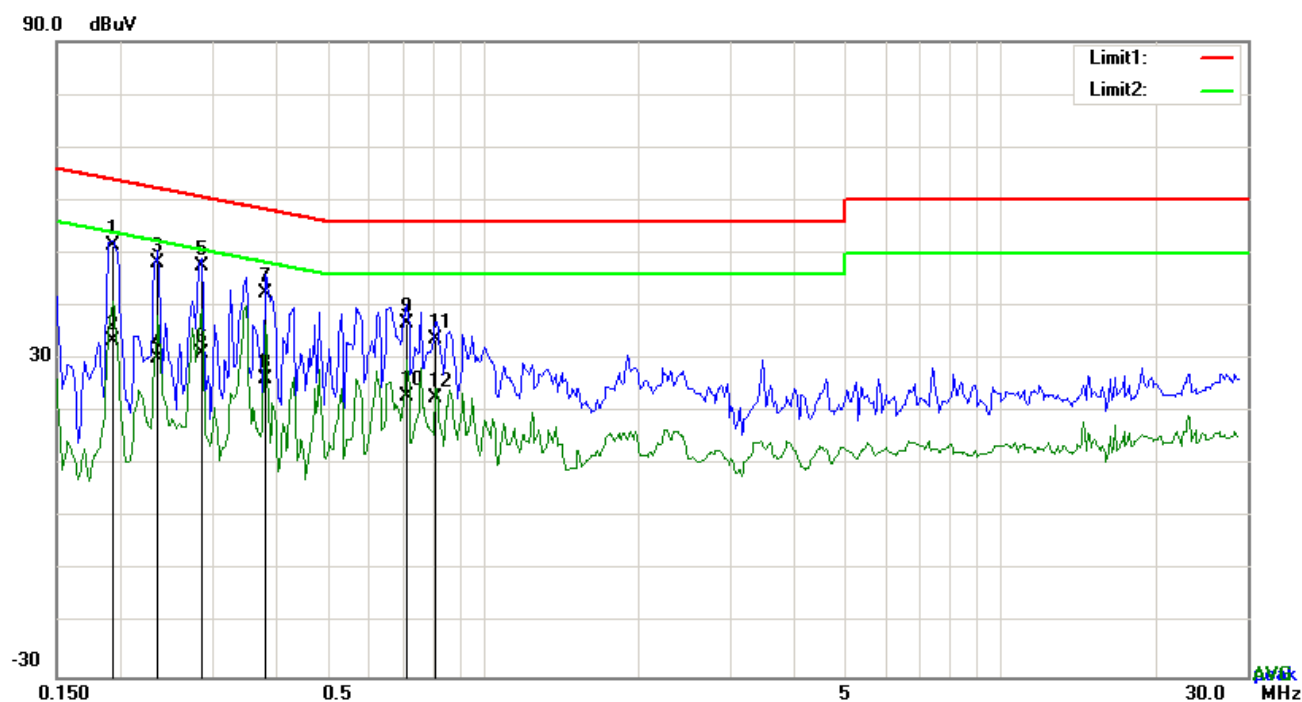


Test Data

Phase Neutral Plot at 120Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)
1	N	0.1734	38.27	QP	10.02	48.29	64.80	-16.51
2	N	0.1734	21.60	AVG	10.02	31.62	54.80	-23.18
3	N	0.2592	33.73	QP	10.02	43.75	61.46	-17.71
4	N	0.2592	19.47	AVG	10.02	29.49	51.46	-21.97
5	N	0.3450	34.48	QP	10.02	44.50	59.08	-14.58
6	N	0.3450	26.54	AVG	10.02	36.56	49.08	-12.52
7	N	0.3840	27.87	QP	10.02	37.89	58.19	-20.30
8	N	0.3840	10.36	AVG	10.02	20.38	48.19	-27.81
9	N	0.6024	28.65	QP	10.02	38.67	56.00	-17.33
10	N	0.6024	17.91	AVG	10.02	27.93	46.00	-18.07
11	N	0.6882	25.86	QP	10.02	35.88	56.00	-20.12
12	N	0.6882	14.31	AVG	10.02	24.33	46.00	-21.67

Test Mode : USB Mode

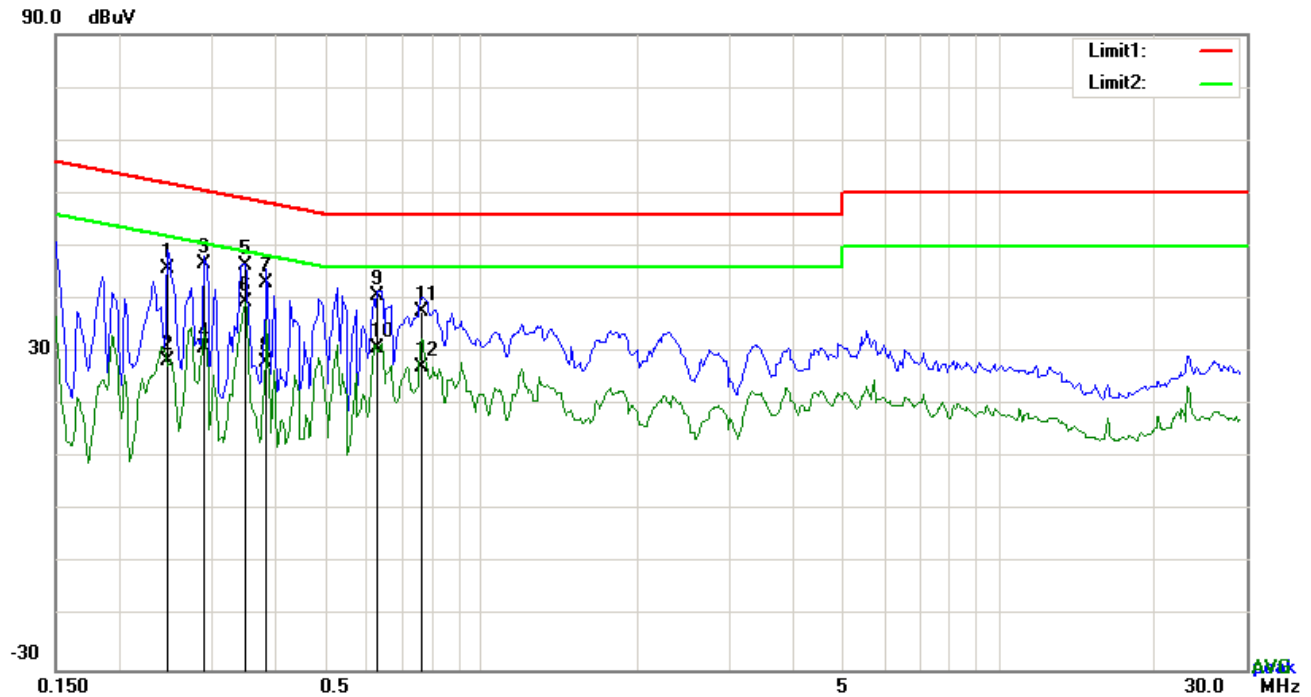


Test Data

Phase Line Plot at 240Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)
1	L1	0.1929	41.32	QP	10.03	51.35	63.91	-12.56
2	L1	0.1929	23.39	AVG	10.03	33.42	53.91	-20.49
3	L1	0.2358	38.05	QP	10.03	48.08	62.24	-14.16
4	L1	0.2358	20.10	AVG	10.03	30.13	52.24	-22.11
5	L1	0.2865	37.67	QP	10.03	47.70	60.63	-12.93
6	L1	0.2865	21.15	AVG	10.03	31.18	50.63	-19.45
7	L1	0.3801	32.34	QP	10.03	42.37	58.28	-15.91
8	L1	0.3801	16.14	AVG	10.03	26.17	48.28	-22.11
9	L1	0.7155	26.68	QP	10.03	36.71	56.00	-19.29
10	L1	0.7155	13.01	AVG	10.03	23.04	46.00	-22.96
11	L1	0.8130	23.74	QP	10.03	33.77	56.00	-22.23
12	L1	0.8130	12.74	AVG	10.03	22.77	46.00	-23.23

Test Mode : USB Mode



Test Data

Phase Neutral Plot at 240Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)
1	N	0.2475	35.68	QP	10.02	45.70	61.84	-16.14
2	N	0.2475	18.48	AVG	10.02	28.50	51.84	-23.34
3	N	0.2904	36.62	QP	10.02	46.64	60.51	-13.87
4	N	0.2904	20.64	AVG	10.02	30.66	50.51	-19.85
5	N	0.3489	36.26	QP	10.02	46.28	58.99	-12.71
6	N	0.3489	29.46	AVG	10.02	39.48	48.99	-9.51
7	N	0.3840	33.05	QP	10.02	43.07	58.19	-15.12
8	N	0.3840	18.10	AVG	10.02	28.12	48.19	-20.07
9	N	0.6297	30.60	QP	10.02	40.62	56.00	-15.38
10	N	0.6297	20.60	AVG	10.02	30.62	46.00	-15.38
11	N	0.7662	27.69	QP	10.03	37.72	56.00	-18.28
12	N	0.7662	17.27	AVG	10.03	27.30	46.00	-18.70

## 6.2 Radiated Emissions

Temperature	22°C
Relative Humidity	55%
Atmospheric Pressure	1013mbar
Test date :	November 13, 2015
Tested By :	Winnie Zhang

### Requirement(s):

Spec	Item	Requirement	Applicable	
47CFR§15.109(d)	a)	Except higher limit as specified elsewhere in other section, the emissions from the low-power radio-frequency devices shall not exceed the field strength levels specified in the following table and the level of any unwanted emissions shall not exceed the level of the fundamental emission. The tighter limit applies at the band edges	<div><input checked="" type="checkbox"/></div>	
		Frequency range (MHz)		Field Strength (µV/m)
		30 – 88		100
		88 – 216		150
		216 960		200
		Above 960		500

Test Setup	
------------	--

Procedure	<ol style="list-style-type: none"> <li>The EUT was switched on and allowed to warm up to its normal operating condition.</li> <li>The test was carried out at the selected frequency points obtained from the EUT characterization. Maximization of the emissions, was carried out by rotating the EUT, changing the antenna polarization, and adjusting the antenna height in the following manner: <ol style="list-style-type: none"> <li>Vertical or horizontal polarization (whichever gave the higher emission level</li> </ol> </li> </ol>
-----------	--

Test Report	15050043-FCC-E
Page	16 of 31

	<p>over a full rotation of the EUT) was chosen.</p> <p>b. The EUT was then rotated to the direction that gave the maximum emission.</p> <p>c. Finally, the antenna height was adjusted to the height that gave the maximum emission.</p> <p>3. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi Peak detection at frequency below 1GHz.</p> <p>4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz with Peak detection for Peak measurement at frequency above 1GHz.</p> <p>The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth with Peak detection for Average Measurement as below at frequency above 1GHz.</p> <p>■ 1 kHz (Duty cycle &lt; 98%) □ 10 Hz (Duty cycle &gt; 98%)</p> <p>5. Steps 2 and 3 were repeated for the next frequency point, until all selected frequency points were measured.</p>
Remark	
Result	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

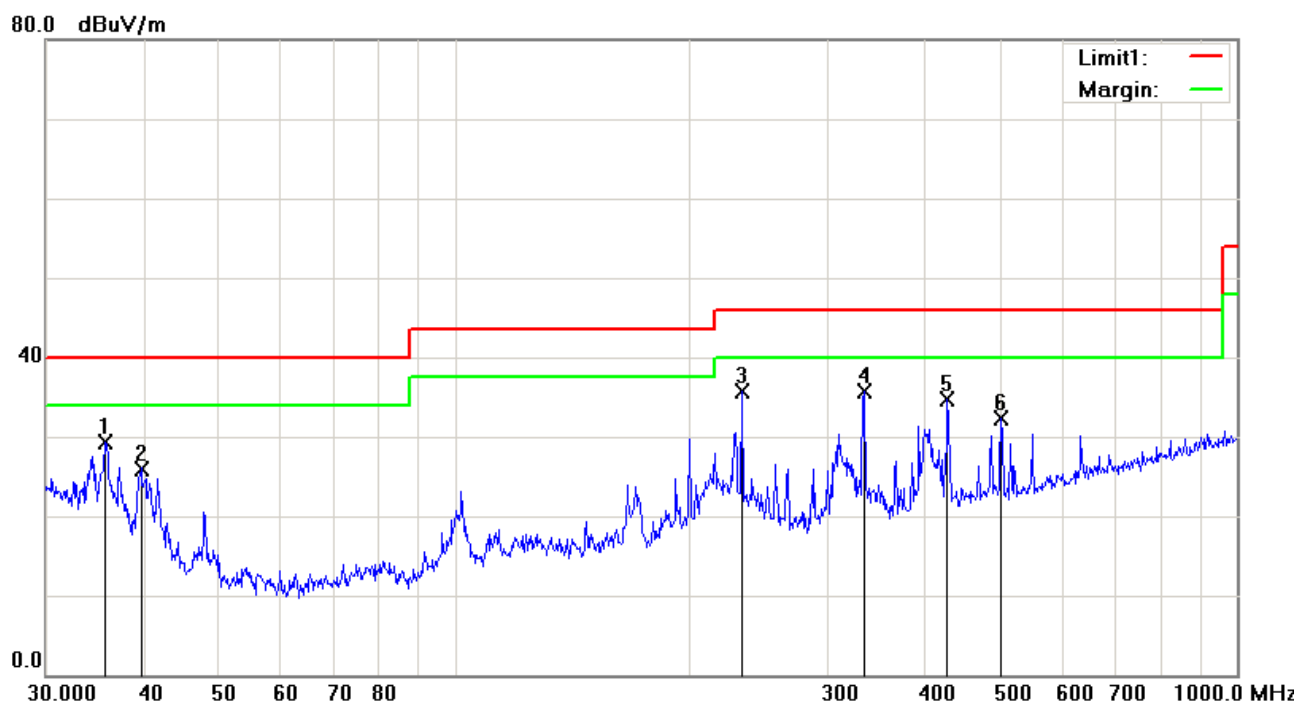
Test Data ☒ Yes ☐ N/A

Test Plot ☒ Yes (See below) ☐ N/A



**Test Mode 1: USB Mode**

**Below 1GHz**

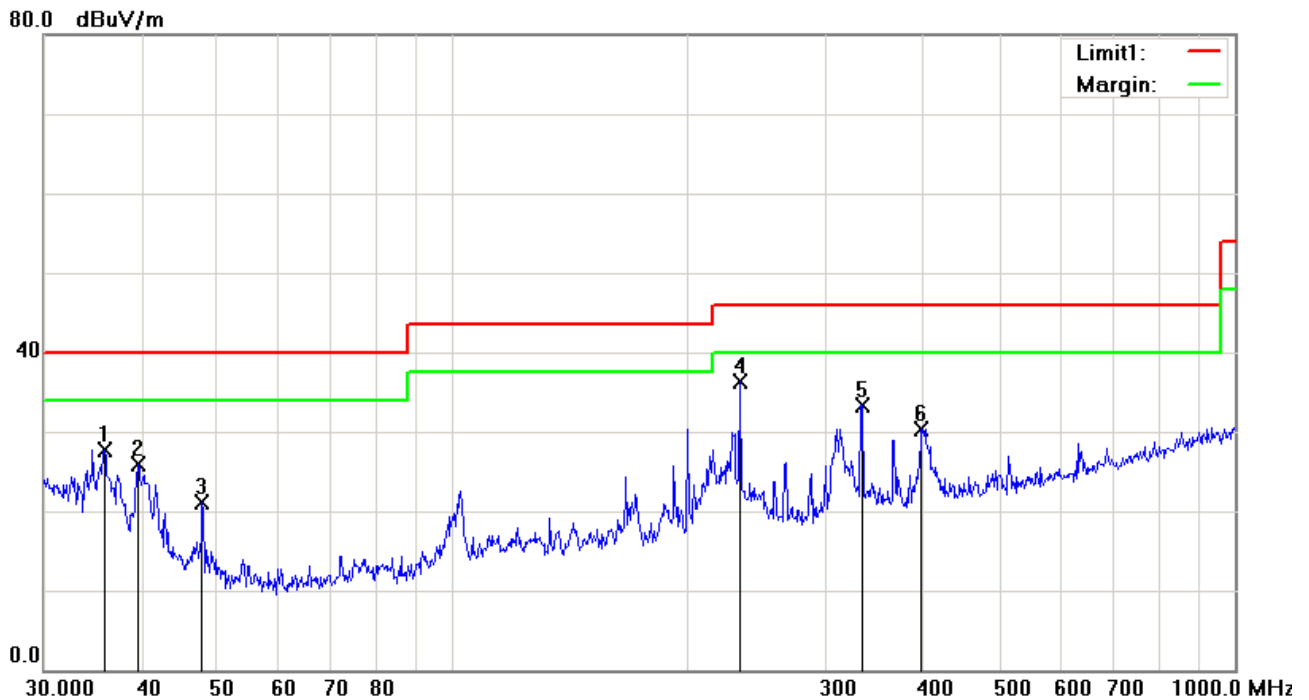


**Test Data**

**Horizontal Polarity Plot @3m**

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Height	Degree
		(MHz)	(dBuV/m)		(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	( )
1	H	35.7491	33.72	peak	-4.49	29.23	40.00	-10.77	100	52
2	H	39.7147	33.38	peak	-7.38	26.00	40.00	-14.00	100	168
3	H	232.5318	44.67	peak	-9.04	35.63	46.00	-10.37	100	223
4	H	333.6867	41.72	peak	-5.93	35.79	46.00	-10.21	100	349
5	H	426.5210	38.37	peak	-3.66	34.71	46.00	-11.29	100	175
6	H	499.4247	33.95	peak	-1.70	32.25	46.00	-13.75	100	141

### Below 1GHz



### Test Data

#### Vertical Polarity Plot @3m

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin	Height	Degree
		(MHz)	(dBuV/m)		(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	( )
1	V	35.8747	32.34	peak	-4.58	27.76	40.00	-12.24	100	112
2	V	39.5757	33.22	peak	-7.28	25.94	40.00	-14.06	100	93
3	V	47.8260	33.29	peak	-12.20	21.09	40.00	-18.91	100	337
4	V	232.5318	45.39	peak	-9.04	36.35	46.00	-9.65	100	93
5	V	333.6867	39.23	peak	-5.93	33.30	46.00	-12.70	100	44
6	V	397.6334	34.73	peak	-4.36	30.37	46.00	-15.63	100	29

### *Above 1GHz*

Frequency (MHz)	Amplitude (dBμV/m)	Azimuth	Height (cm)	Polarity (H/V)	Factors (dB)	Limit (dBμV/m)	Margin (dB)	Detector (PK/AV)
1455.28	49.15	45	170	V	-22.45	74	-24.85	PK
2458.23	50.06	134	163	V	-21.63	74	-23.94	PK
1665.43	50.78	66	153	V	-23.45	74	-23.22	PK
2422.2	48.75	99	215	H	-21.47	74	-25.25	PK
2988.3	49.52	78	220	H	-22.58	74	-24.48	PK
2119.2	48.65	90	172	H	-21.46	74	-25.35	PK

*Note1: The highest frequency of the EUT is 2480 MHz, so the testing has been conformed to  $5 \times 2480 \text{ MHz} = 12,400 \text{ MHz}$ .*

*Note2: The frequency that above 3GHz is mainly from the environment noise.*

*Note3: The AV measurement performed, more than 20dB below limit so AV test data was not presented.*

## Annex A. TEST INSTRUMENT

Instrument	Model	Serial #	Cal Date	Cal Due	In use
<b>AC Line Conducted Emissions</b>					
EMI test receiver	ESCS30	8471241027	09/17/2015	09/16/2016	<input checked="" type="checkbox"/>
Line Impedance Stabilization Network	LI-125A	191106	09/25/2015	09/24/2016	<input checked="" type="checkbox"/>
Line Impedance Stabilization Network	LI-125A	191107	09/25/2015	09/24/2016	<input checked="" type="checkbox"/>
LISN	ISN T800	34373	09/25/2015	09/24/2016	<input checked="" type="checkbox"/>
Transient Limiter	LIT-153	531118	09/01/2015	08/31/2016	<input checked="" type="checkbox"/>
<b>Radiated Emissions</b>					
EMI test receiver	ESL6	100262	09/17/2015	09/16/2016	<input checked="" type="checkbox"/>
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	09/01/2015	08/31/2016	<input checked="" type="checkbox"/>
Microwave Preamplifier (1 ~ 26.5GHz)	8449B	3008A02402	03/25/2015	03/24/2016	<input checked="" type="checkbox"/>
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/21/2015	09/20/2016	<input checked="" type="checkbox"/>
Double Ridge Horn Antenna	AH-118	71259	09/24/2015	09/23/2016	<input checked="" type="checkbox"/>

## Annex B. EUT And Test Setup Photographs

### Annex B.i. Photograph: EUT External Photo



Whole Package - Top View



Adapter - Front View



EUT - Front View



EUT - Rear View

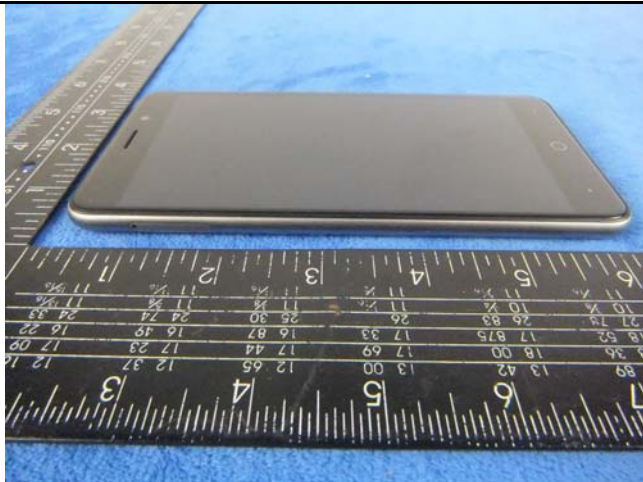




EUT - Top View



EUT - Bottom View



EUT - Left View



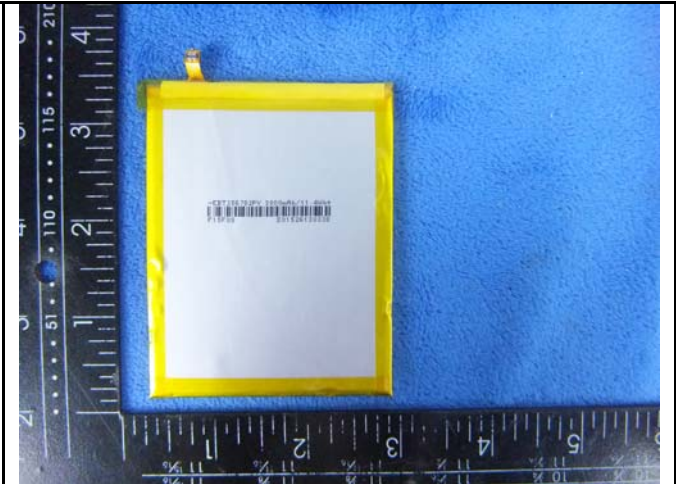
EUT - Right View



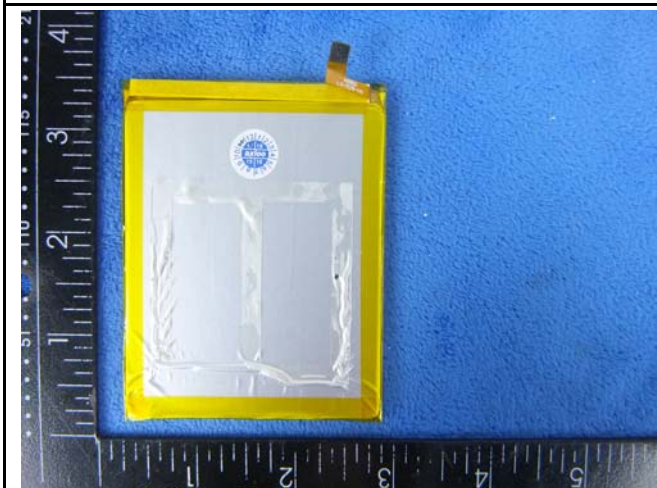
**Annex B.ii. Photograph: EUT Internal Photo**



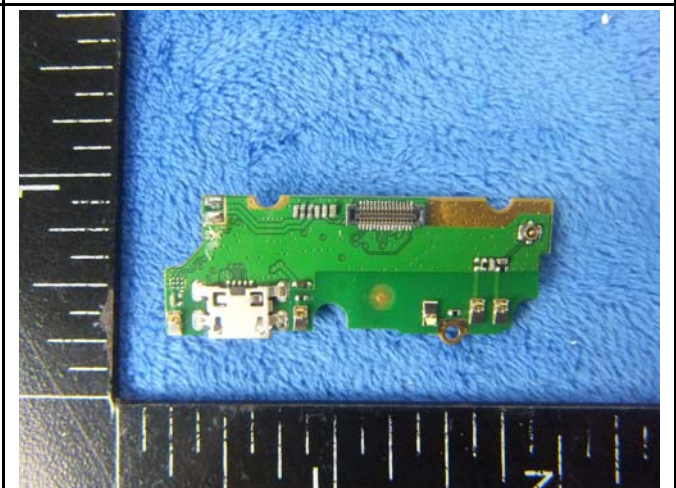
Cover Off - Top View



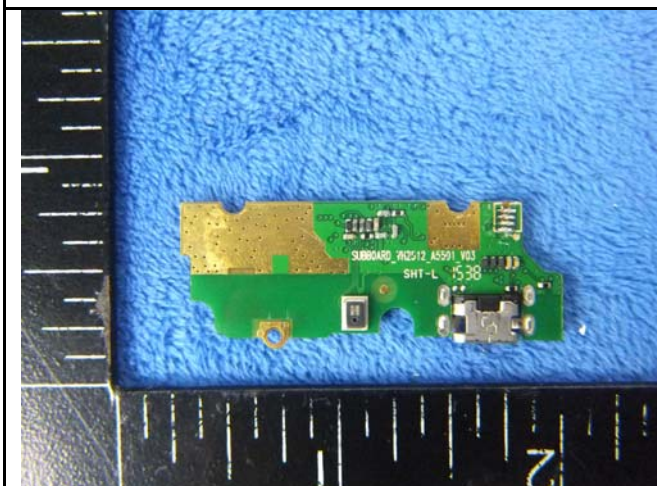
Battery - Front View



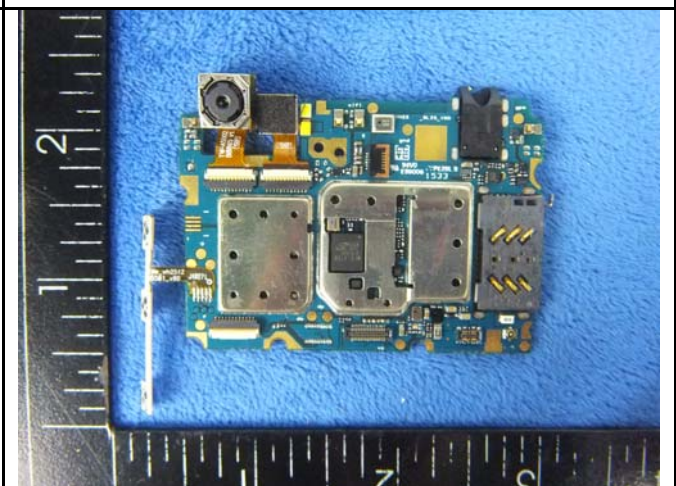
Battery - Rear View



Mini Mainboard - Front View

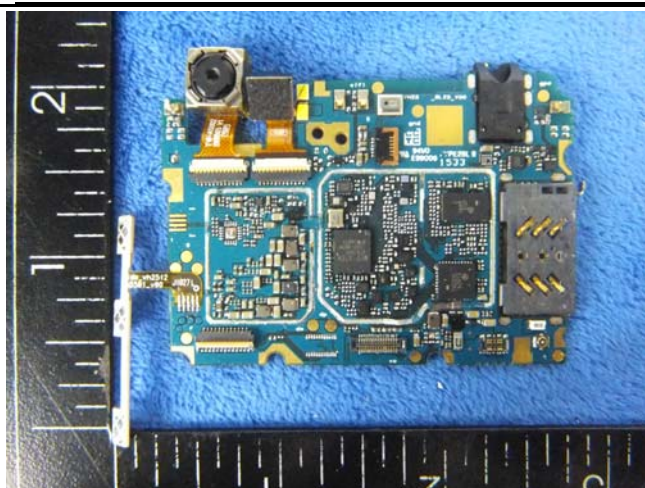


Mini Mainboard - Rear View

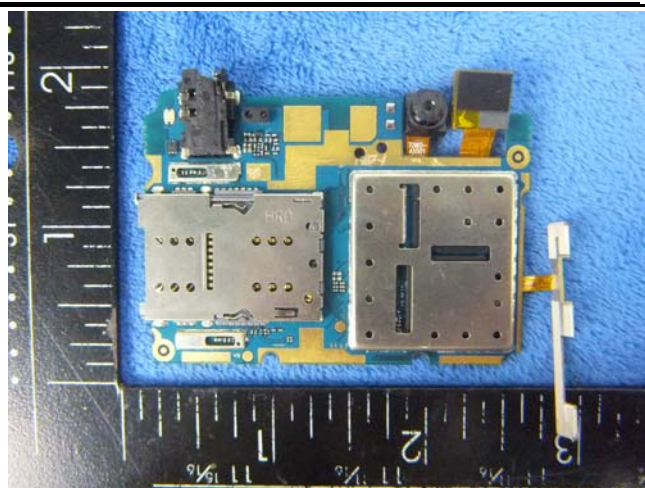


Mainboard with Shielding - Front View

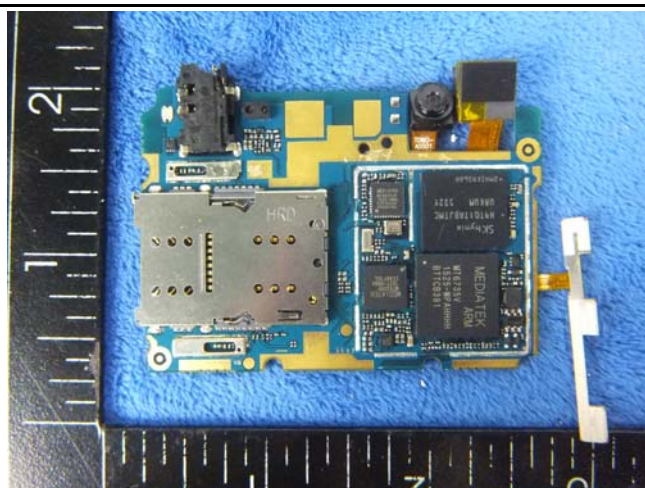




Mainboard without Shielding - Front View



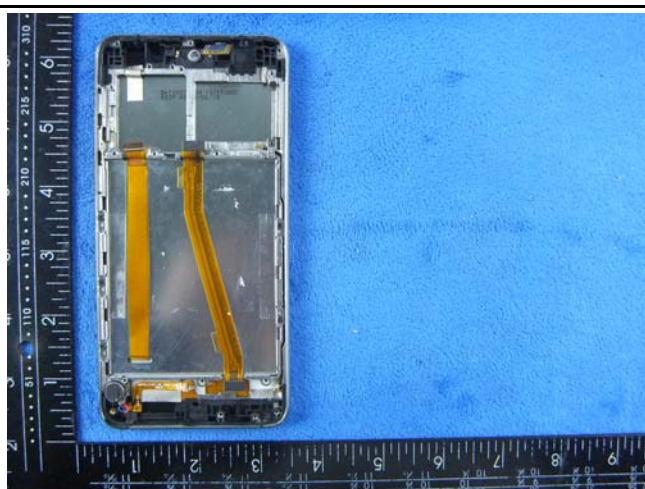
Mainboard with Shielding - Rear View



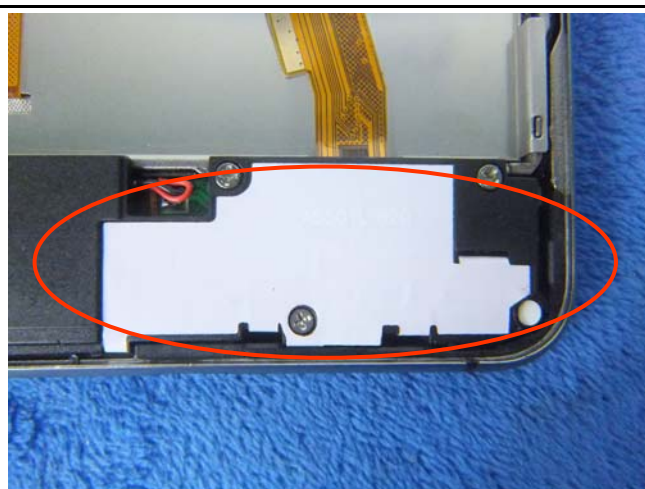
Mainboard without Shielding - Rear View



LCD - Front View



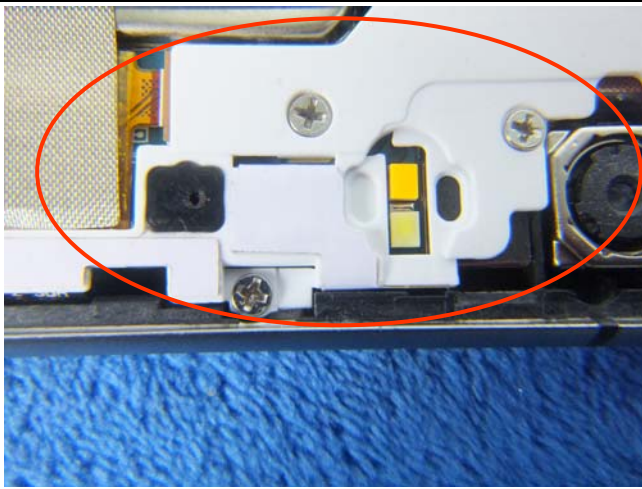
LCD - Rear View



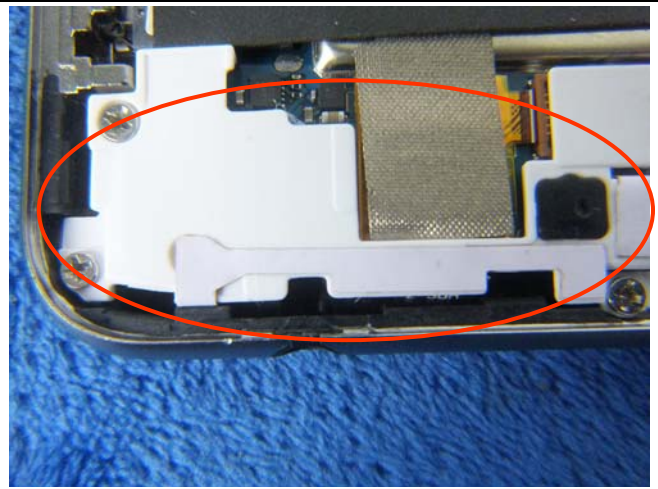
GSM/PCS/UMTS-FDD/LTE Antenna View



Test Report	15050043-FCC-E
Page	25 of 31



WIFI/BT/BLE - Antenna View



GPS - Antenna View

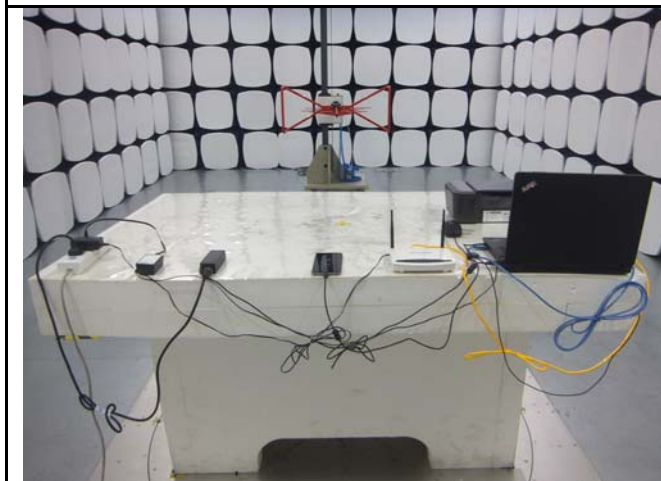
**Annex B.iii. Photograph: Test Setup Photo**



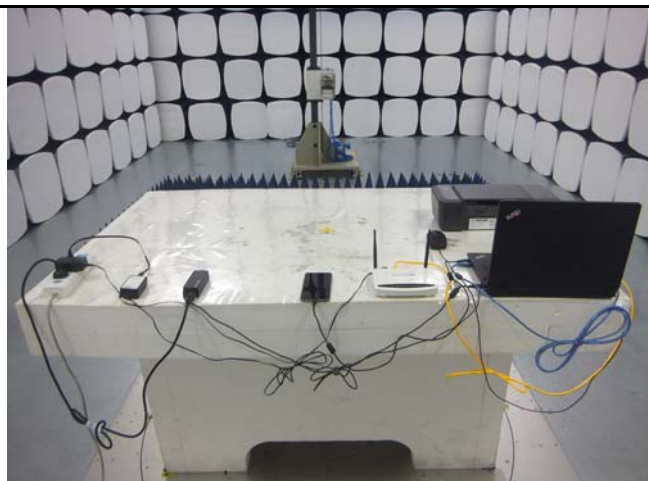
Conducted Emissions Test Setup – Front View



Conducted Emissions Test Setup – Side View



Radiated Spurious Emissions Test Setup Below 1GHz

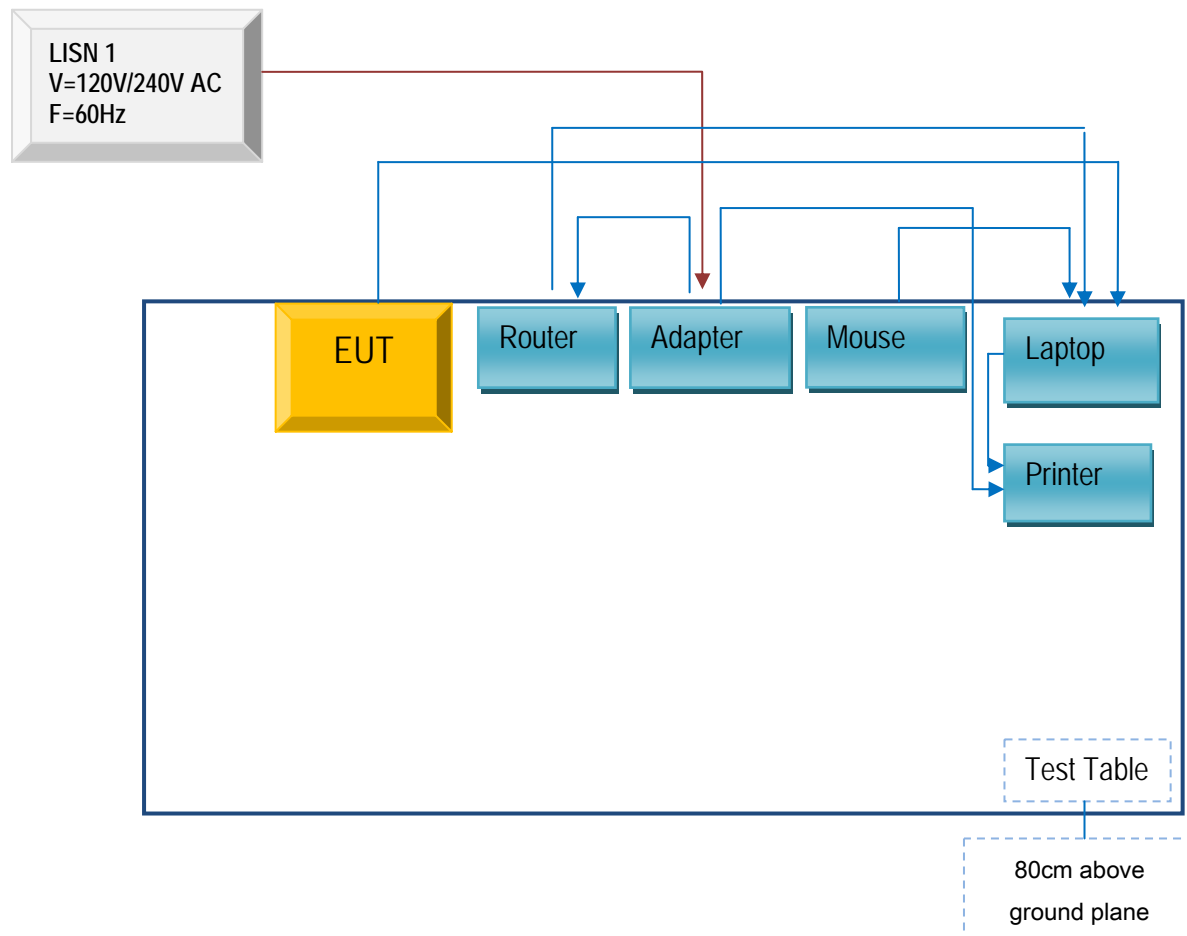


Radiated Spurious Emissions Test Setup Above  
1GHz

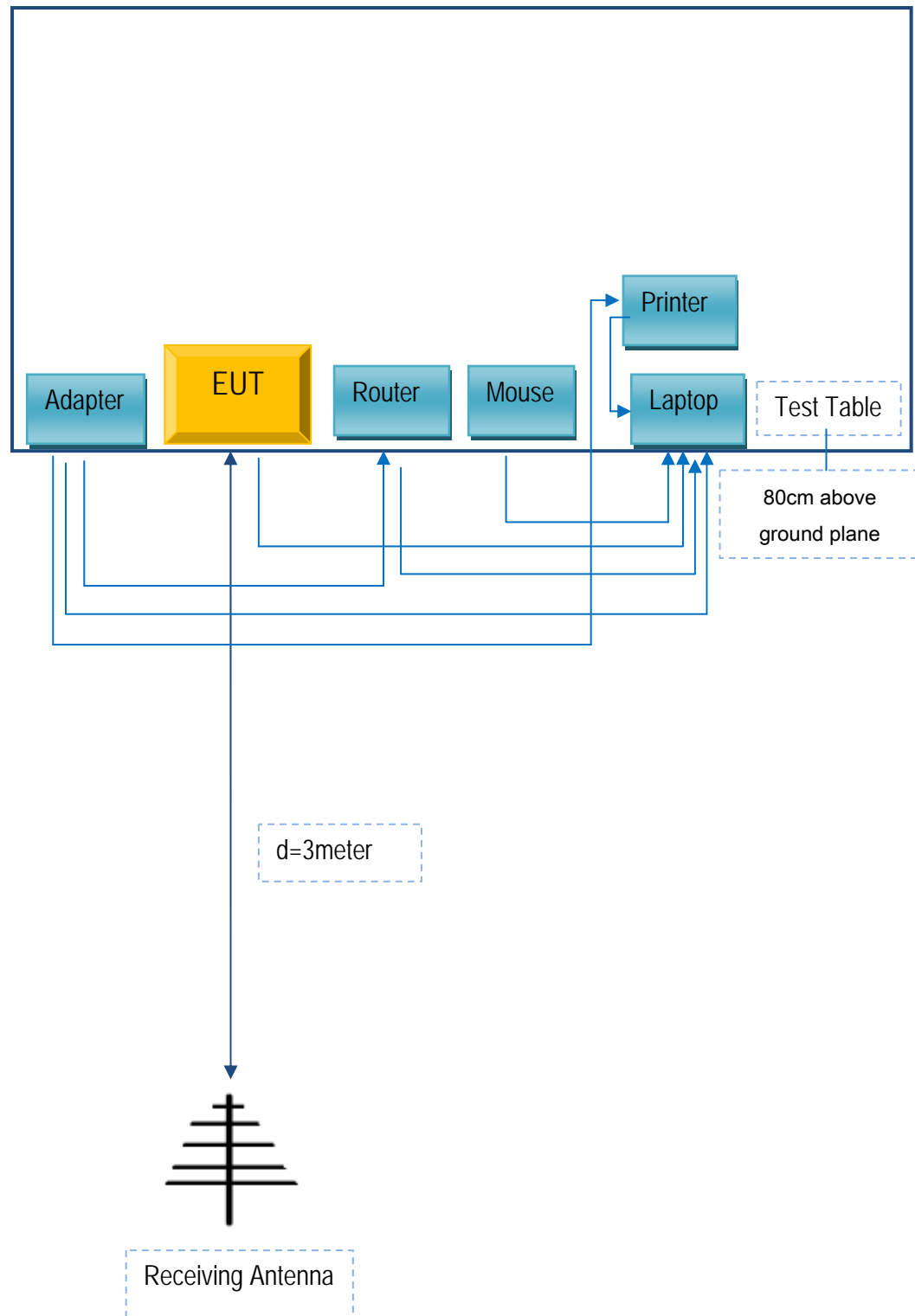
## Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

### Annex C.ii. TEST SET UP BLOCK

#### Block Configuration Diagram for Conducted Emissions



## Block Configuration Diagram for Radiated Emissions



## Annex C. II. SUPPORTING EQUIPMENT DESCRIPTION

The following is a description of supporting equipment and details of cables used with the EUT.

Manufacturer	Equipment Description	Model	Calibration Date	Serial No	Calibration Due Date
Lenovo	Laptop	E40	N/A	LR-1EHRX	N/A
GOLDWEB	Router	R102	N/A	1202032094	N/A
HP	Printer	VCVRA-1003	N/A	CN36M19JWX	N/A
DELL	Mouse	E100	N/A	912NMTUT41481	N/A

### Supporting Cable:

Cable type	Shield Type	Ferrite Core	Length	Serial No	Calibration Date	Calibration Due Date
USB Cable	Un-shielding	No	2m	JX120051274	N/A	N/A
RJ45 Cable	Un-shielding	No	2m	KX156327541	N/A	N/A
Router Power cable	Un-shielding	No	2m	13274630Z	N/A	N/A
Printer Power cable	Un-shielding	No	2m	127581031	N/A	N/A

Test Report	15050043-FCC-E
Page	30 of 31

## Annex D. User Manual / Block Diagram / Schematics / Partlist

Please see Attachment

Test Report	15050043-FCC-E
Page	31 of 31

## Annex E. DECLARATION OF SIMILARITY

As shown below

To SIEMIC Inc  
775 Montague Expressway  
Milpitas, CA 95035.

## Statement

We, b Mobile HK Limited apply a multiple-listing certification for the below models.

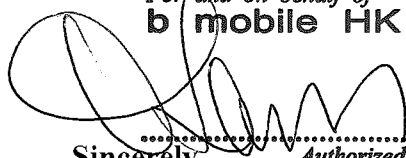
Product Name: Mobile phone

Model number: AX1095/B1+

FCC ID: ZSW-30-018

We hereby state that these models are identical in interior structure, electrical circuits and components, and just model name is different for the marketing requirement.

Your assistance on this matter is highly appreciated.  
~~Assistance on this~~  
b mobile HK Limited



Sincerely, .....  
*Authorized Signature(s)*

Name: KA SHING LAM

Title: Director

Signature: