

EMC TEST REPORT



Report No.: 15050044-FCC-E

Supersede Report No.:N/A

Applicant	b mobile HK Limited	
Product Name	Mobile Phone	
Model No.	AX1055	
Serial No.	AX1050,AX1065	
Test Standard	FCC Part 15 Subpart B Class B:2014, ANSI C63.4: 2014	
Test Date	October 28 to November 17, 2015	
Issue Date	December 04, 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

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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

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1. Report Revision History

Report No.	Report Version	Description	Issue Date
15050044-FCC-E	NONE	Original	November 17,2015
15050044-FCC-E	V1	Changing Test Setup Photos	December 04,2015
15050044-FCC-E	V2	Adding data and supporting Cable' s information	December 07,2015

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:	AX1055
Serial Model:	AX1050,AX1065
Date EUT received:	October 27,2015
Test Date(s):	October 28 to November 17, 2015
Antenna Gain:	<p>GSM850: 1 dBi PCS1900: 1.8 dBi UMTS-FDD Band V: 1.8 dBi UMTS-FDD Band II: 1.8 dBi Bluetooth: -0.8dBi BLE: 3.3dBi WIFI: -0.55 dBi LTE Band 2: -1.6 dBi LTE Band 4:-1.7 dBi LTE Band 5: -3.1 dBi LTE Band 7: -1.2 dBi GPS:-0.65dBi</p>
Type of Modulation:	<p>GSM / GPRS: GMSK EGPRS: GMSK, 8PSK UMTS-FDD: QPSK, 16QAM 802.11b/g/n: DSSS, OFDM Bluetooth: GFSK, π /4DQPSK, 8DPSK BLE: GFSK LTE Band: QPSK, 16QAM GPS:BPSK</p>
RF Operating Frequency (ies):	<p>GSM850 TX: 824.2 ~ 848.8 MHz; RX: 869.2 ~ 893.8 MHz PCS1900 TX: 1850.2 ~ 1909.8 MHz; RX: 1930.2 ~ 1989.8 MHz UMTS-FDD Band V TX: 826.4 ~ 846.6 MHz; RX: 871.4 ~ 891.6 MHz UMTS-FDD Band II TX:1852.4 ~ 1907.6 MHz;</p>

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RX: 1932.4 ~ 1987.6 MHz

WiFi:802.11b/g/n(20M): 2412-2472 MHz

WiFi:802.11n(40M): 2422-2462 MHz

Bluetooth& BLE: 2402-2480 MHz

LTE Band 2 TX: 1852.5 ~ 1907.5 MHz; RX : 1932.5 ~ 1987.5 MHz

LTE Band 4 TX: 1712.5 ~ 1752.5 MHz; RX : 2112.5 ~ 2152.5 MHz

LTE Band 5 TX: 826.5 ~ 846.5 MHz; RX : 871.5 ~ 891.5 MHz

LTE Band 7 TX: 2502.5 ~ 2567.5 MHz; RX : 2622.5 ~ 2687.5 MHz

GPS RX:1575.42 MHz

Battery:

Model:A5007

Standard Voltage:DC3.7V

Rated Capacity:2200mAh,8.14Wh

Input Power:

Adapter:

Model:N/A

Input: AC100-240V; 50/60Hz; 0.15A

Output: DC 5.0V,1A

Port:

Power Port, Earphone Port, USB Port

GPRS/EGPRS Multi-slot class

8/10/12

Trade Name :

Bmobile

FCC ID:

ZSW-30-020

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	51%
Atmospheric Pressure	1009mbar
Test date :	November 09, 2015
Tested By :	Winnie Zhang

Requirement(s):

Spec	Item	Requirement	Applicable														
47CFR§15.107	a)	<p>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 [μ] H/50 ohms line impedance stabilization network (LISN). The lower limit applies at the boundary between the frequencies ranges.</p> <table border="1"> <thead> <tr> <th rowspan="2">Frequency ranges (MHz)</th> <th colspan="2">Limit (dBμV)</th> </tr> <tr> <th>QP</th> <th>Average</th> </tr> </thead> <tbody> <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> </tbody> </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	<input checked="" type="checkbox"/>
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 style="text-align: center;"> 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>
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Procedure	<ol style="list-style-type: none"> 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. The power supply for the EUT was fed through a 50Ω /50mH EUT LISN, connected to filtered mains.
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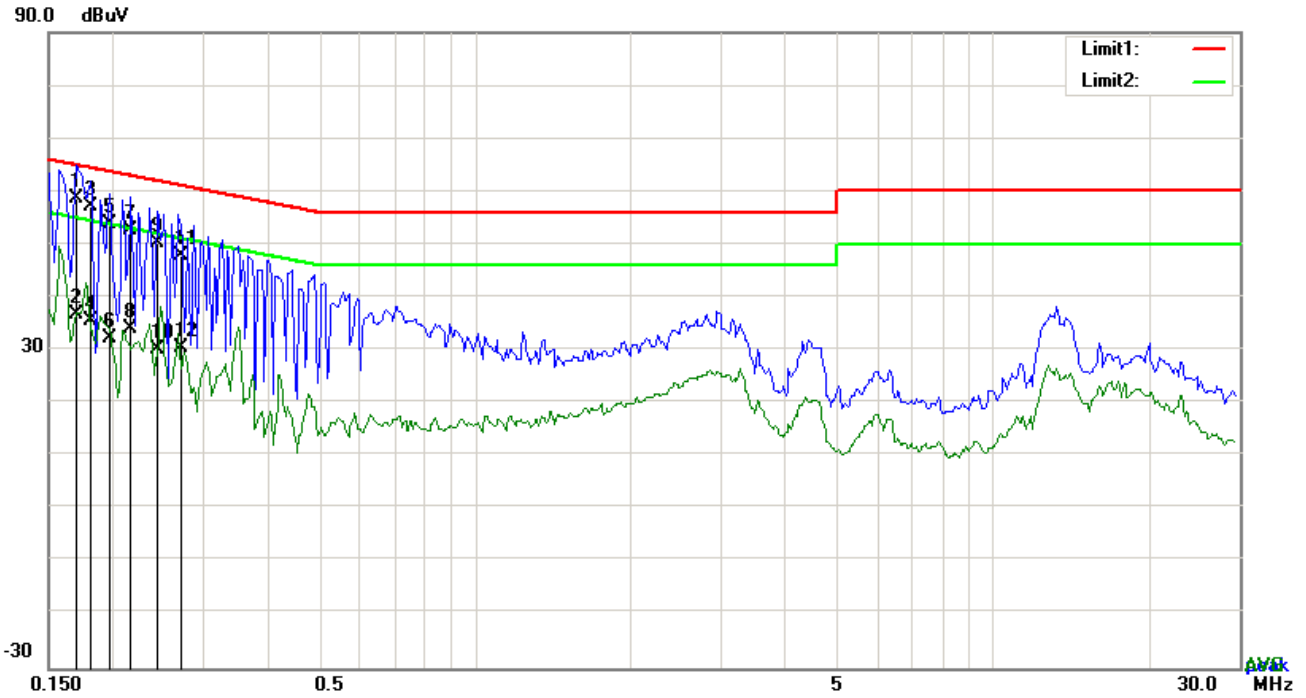
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	<ol style="list-style-type: none"> 3. The RF OUT of the EUT LISN was connected to the EMI test receiver via a low-loss coaxial cable. 4. All other supporting equipment were powered separately from another main supply. 5. The EUT was switched on and allowed to warm up to its normal operating condition. 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. 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. 8. Step 7 was then repeated for the LIVE line (for AC mains) or DC line (for DC power).
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

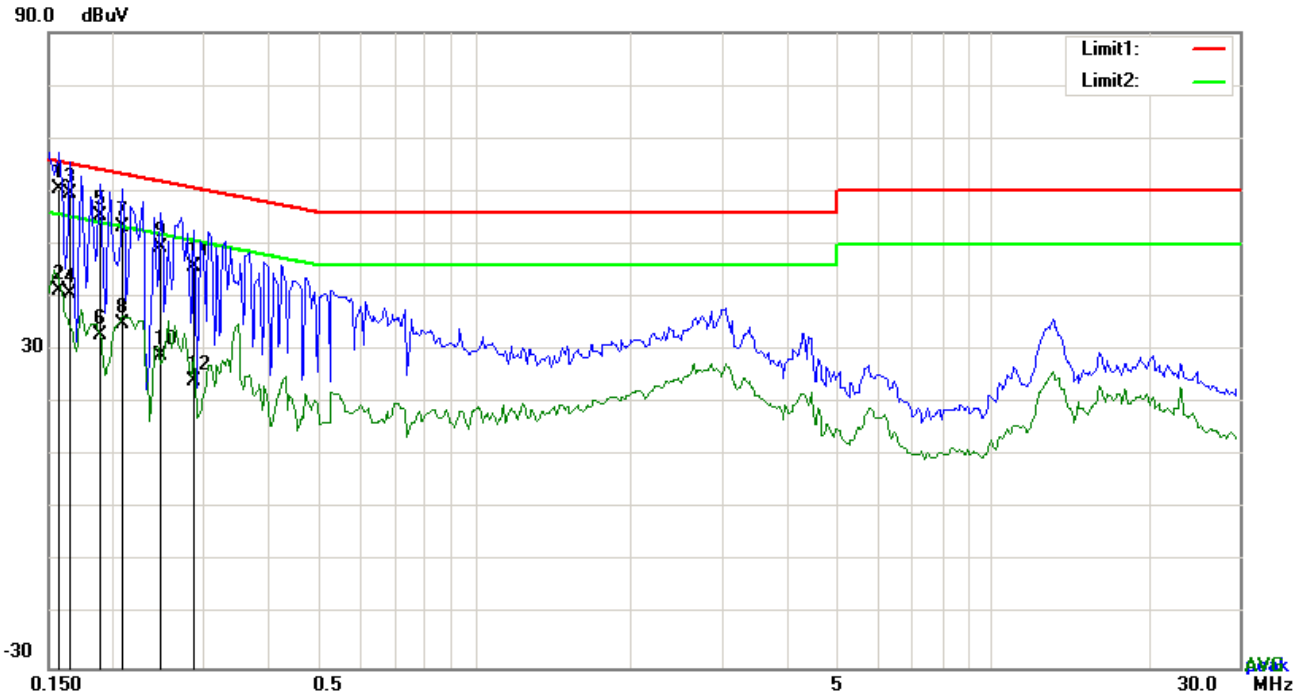


Test Data

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	48.75	QP	10.03	58.78	64.98	-6.20
2	L1	0.1695	26.64	AVG	10.03	36.67	54.98	-18.31
3	L1	0.1812	47.18	QP	10.03	57.21	64.43	-7.22
4	L1	0.1812	25.41	AVG	10.03	35.44	54.43	-18.99
5	L1	0.1968	43.97	QP	10.03	54.00	63.74	-9.74
6	L1	0.1968	22.21	AVG	10.03	32.24	53.74	-21.50
7	L1	0.2163	42.52	QP	10.03	52.55	62.96	-10.41
8	L1	0.2163	24.07	AVG	10.03	34.10	52.96	-18.86
9	L1	0.2436	40.37	QP	10.03	50.40	61.97	-11.57
10	L1	0.2436	20.16	AVG	10.03	30.19	51.97	-21.78
11	L1	0.2709	37.88	QP	10.03	47.91	61.09	-13.18
12	L1	0.2709	20.36	AVG	10.03	30.39	51.09	-20.70

Test Mode : USB Mode

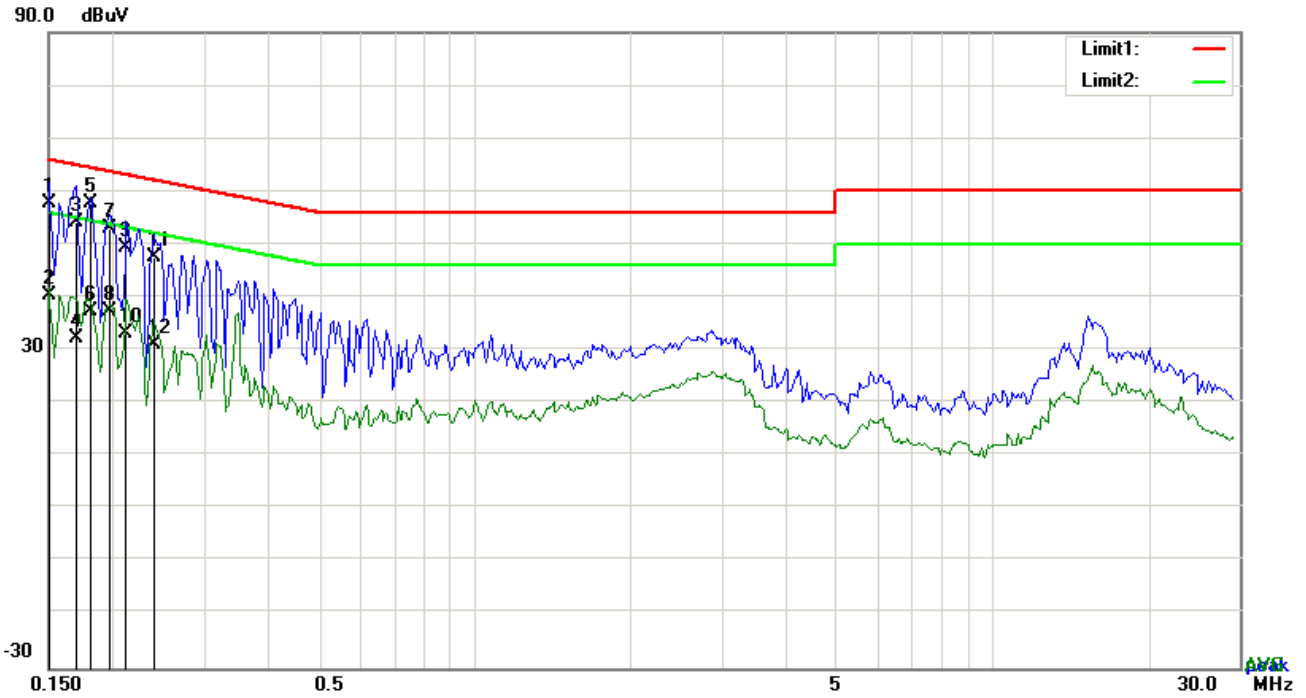


Test Data

Phase Neutral Plot at 120Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)
1	N	0.1578	50.52	QP	10.02	60.54	65.58	-5.04
2	N	0.1578	31.32	AVG	10.02	41.34	55.58	-14.24
3	N	0.1656	49.51	QP	10.02	59.53	65.18	-5.65
4	N	0.1656	30.64	AVG	10.02	40.66	55.18	-14.52
5	N	0.1890	45.29	QP	10.02	55.31	64.08	-8.77
6	N	0.1890	22.83	AVG	10.02	32.85	54.08	-21.23
7	N	0.2085	43.23	QP	10.02	53.25	63.26	-10.01
8	N	0.2085	24.85	AVG	10.02	34.87	53.26	-18.39
9	N	0.2475	39.38	QP	10.02	49.40	61.84	-12.44
10	N	0.2475	19.08	AVG	10.02	29.10	51.84	-22.74
11	N	0.2865	35.78	QP	10.02	45.80	60.63	-14.83
12	N	0.2865	14.23	AVG	10.02	24.25	50.63	-26.38

Test Mode : USB Mode

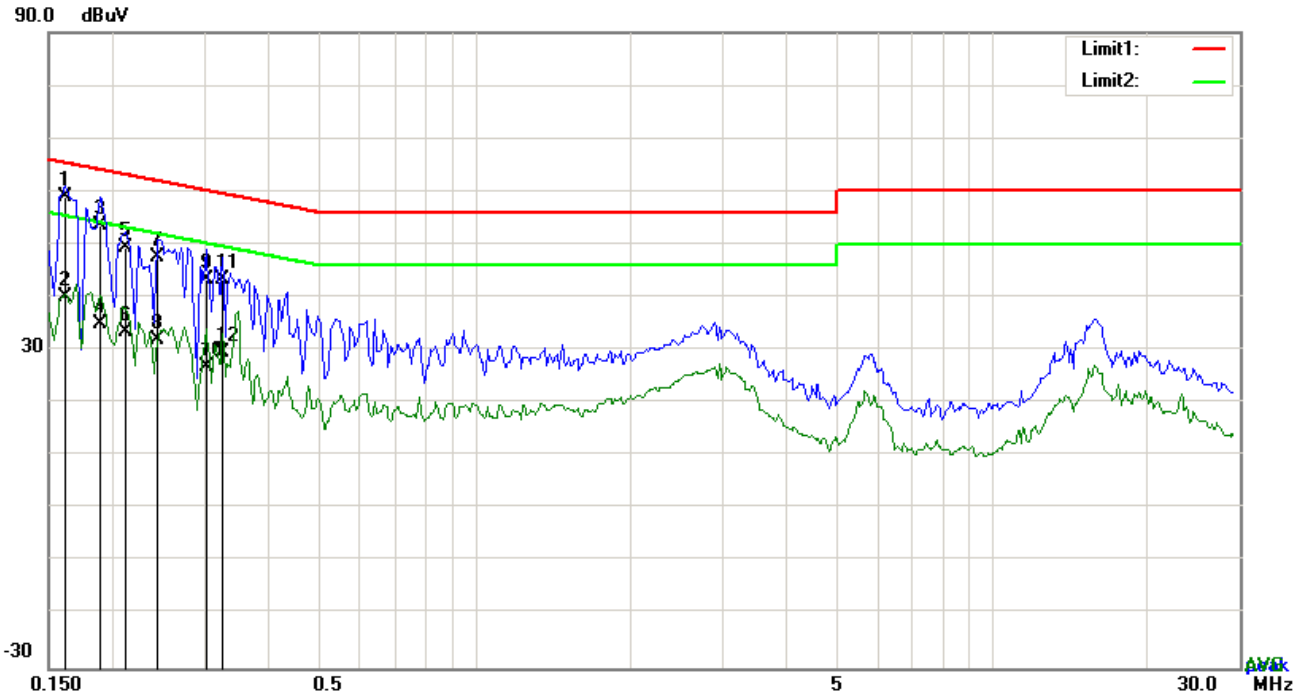


Test Data

Phase Line Plot at 240Vac, 60Hz

No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)
1	L1	0.1500	47.67	QP	10.03	57.70	66.00	-8.30
2	L1	0.1500	30.44	AVG	10.03	40.47	56.00	-15.53
3	L1	0.1695	44.11	QP	10.03	54.14	64.98	-10.84
4	L1	0.1695	22.32	AVG	10.03	32.35	54.98	-22.63
5	L1	0.1812	47.85	QP	10.03	57.88	64.43	-6.55
6	L1	0.1812	27.41	AVG	10.03	37.44	54.43	-16.99
7	L1	0.1968	42.96	QP	10.03	52.99	63.74	-10.75
8	L1	0.1968	27.47	AVG	10.03	37.50	53.74	-16.24
9	L1	0.2124	39.39	QP	10.03	49.42	63.11	-13.69
10	L1	0.2124	23.00	AVG	10.03	33.03	53.11	-20.08
11	L1	0.2397	37.49	QP	10.03	47.52	62.11	-14.59
12	L1	0.2397	21.07	AVG	10.03	31.10	52.11	-21.01

Test Mode : USB Mode



Test Data

Phase Neutral Plot at 240Vac, 60Hz

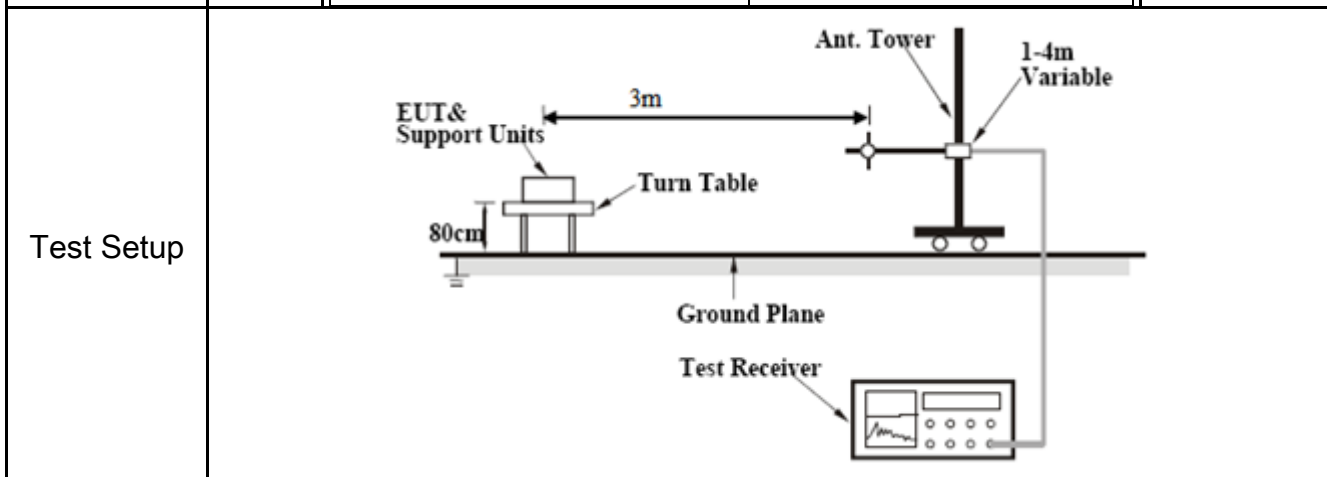
No.	P/L	Frequency	Reading	Detector	Corrected	Result	Limit	Margin
		(MHz)	(dBuV)		(dB}	(dBuV)	(dBuV)	(dB)
1	N	0.1617	48.80	QP	10.02	58.82	65.38	-6.56
2	N	0.1617	30.08	AVG	10.02	40.10	55.38	-15.28
3	N	0.1890	43.54	QP	10.02	53.56	64.08	-10.52
4	N	0.1890	24.98	AVG	10.02	35.00	54.08	-19.08
5	N	0.2124	39.22	QP	10.02	49.24	63.11	-13.87
6	N	0.2124	23.48	AVG	10.02	33.50	53.11	-19.61
7	N	0.2436	37.58	QP	10.02	47.60	61.97	-14.37
8	N	0.2436	21.91	AVG	10.02	31.93	51.97	-20.04
9	N	0.3021	33.39	QP	10.02	43.41	60.18	-16.77
10	N	0.3021	16.96	AVG	10.02	26.98	50.18	-23.20
11	N	0.3255	33.20	QP	10.02	43.22	59.57	-16.35
12	N	0.3255	19.65	AVG	10.02	29.67	49.57	-19.90

6.2 Radiated Emissions

Temperature	22°C
Relative Humidity	51%
Atmospheric Pressure	1009mbar
Test date :	November 09, 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	<input checked="" type="checkbox"/>										
		<table border="1"> <thead> <tr> <th>Frequency range (MHz)</th> <th>Field Strength ($\mu\text{V}/\text{m}$)</th> </tr> </thead> <tbody> <tr> <td>30 – 88</td> <td>100</td> </tr> <tr> <td>88 – 216</td> <td>150</td> </tr> <tr> <td>216 960</td> <td>200</td> </tr> <tr> <td>Above 960</td> <td>500</td> </tr> </tbody> </table>		Frequency range (MHz)	Field Strength ($\mu\text{V}/\text{m}$)	30 – 88	100	88 – 216	150	216 960	200	Above 960	500
		Frequency range (MHz)		Field Strength ($\mu\text{V}/\text{m}$)									
		30 – 88		100									
		88 – 216		150									
216 960	200												
Above 960	500												



Procedure	<ol style="list-style-type: none"> 1. The EUT was switched on and allowed to warm up to its normal operating condition. 2. 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"> a. Vertical or horizontal polarization (whichever gave the higher emission level
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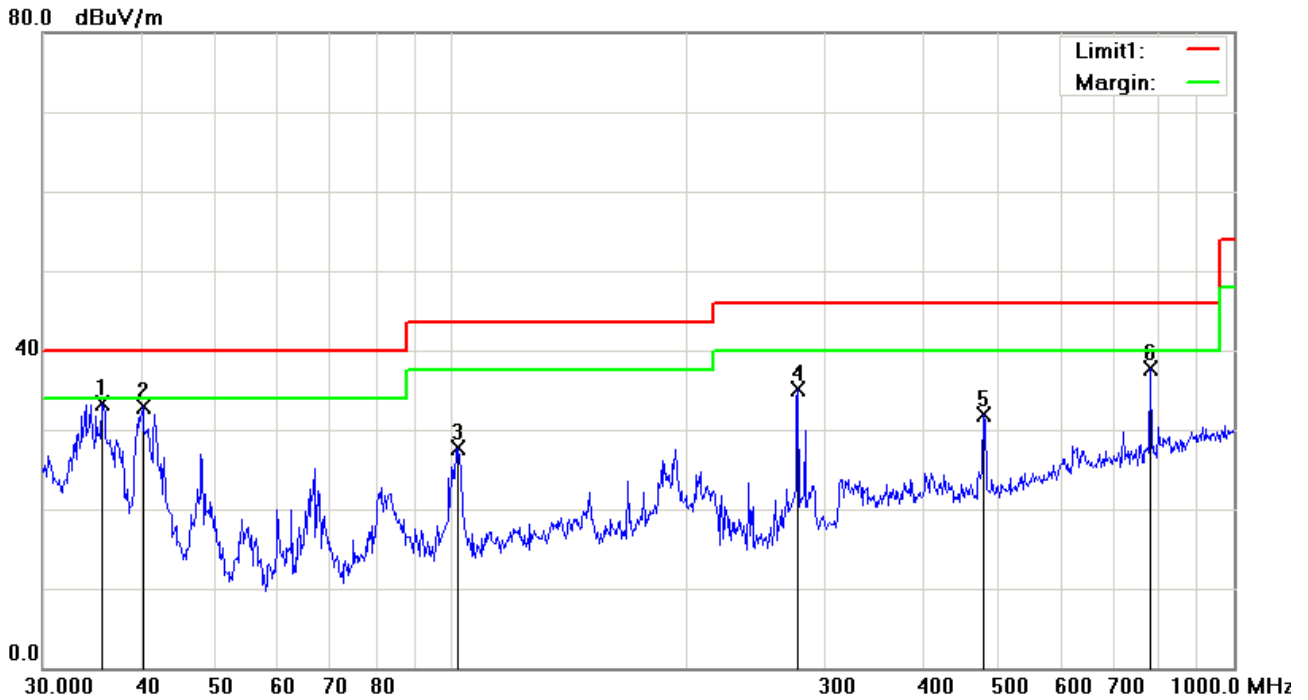
	<p>over a full rotation of the EUT) was chosen.</p> <p>b. The EUT was then rotated to the direction that gave the maximum emission.</p> <p>c. Finally, the antenna height was adjusted to the height that gave the maximum emission.</p> <p>3. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasiy 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. 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. ■ 1 kHz (Duty cycle < 98%) □ 10 Hz (Duty cycle > 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

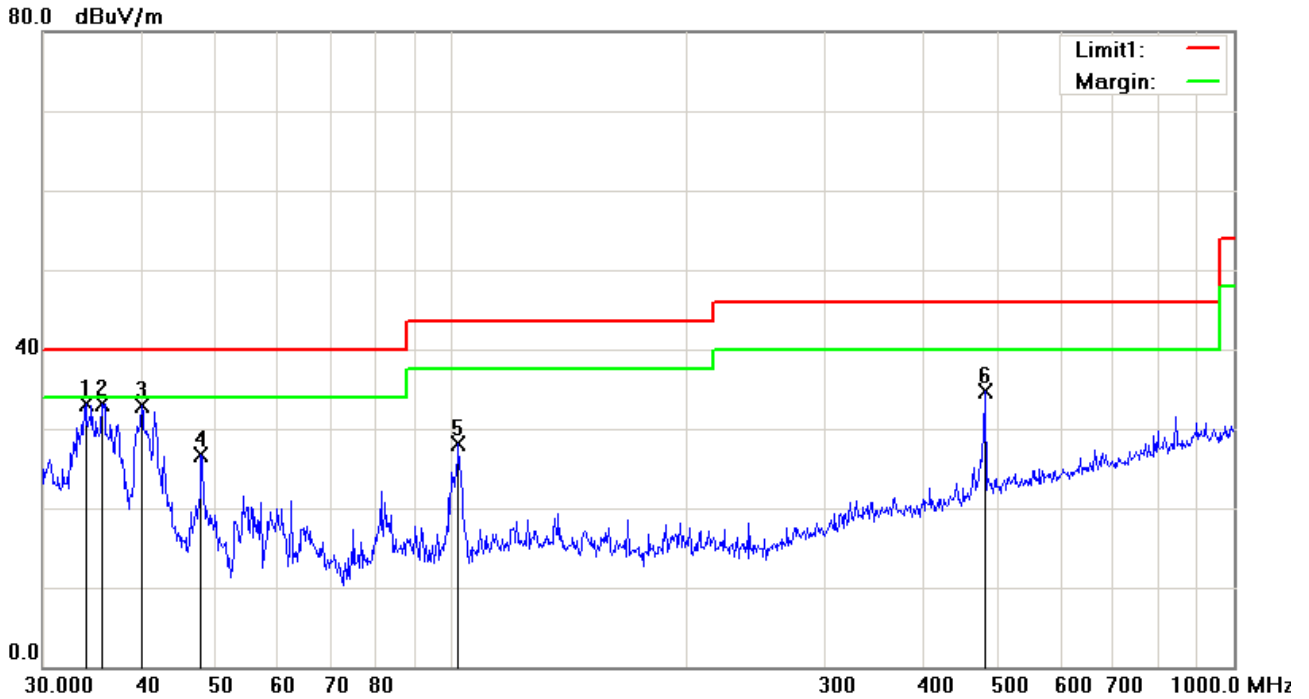


Test Data

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	37.71	peak	-4.49	33.22	40.00	-6.78	100	310
2	H	40.2757	40.58	peak	-7.77	32.81	40.00	-7.19	100	291
3	H	102.0014	38.06	peak	-10.44	27.62	43.50	-15.88	100	29
4	H	277.0935	43.07	peak	-7.95	35.12	46.00	-10.88	100	10
5	H	478.8456	34.23	peak	-2.27	31.96	46.00	-14.04	100	0
6	H	782.3453	34.80	peak	2.93	37.73	46.00	-8.27	100	261

Below 1GHz



Test Data

Vertical Polarity Plot @3m

No.	P/L	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree ()
1	V	34.0365	36.41	peak	-3.24	33.17	40.00	-6.83	100	57
2	V	35.7491	37.68	peak	-4.49	33.19	40.00	-6.81	100	334
3	V	40.1347	40.68	peak	-7.68	33.00	40.00	-7.00	100	109
4	V	47.8260	38.99	peak	-12.20	26.79	40.00	-13.21	100	173
5	V	102.0014	38.49	peak	-10.44	28.05	43.50	-15.45	100	241
6	V	480.5276	36.94	peak	-2.23	34.71	46.00	-11.29	100	218

Above 1GHz

Frequency (MHz)	Amplitude (dB μ V/m)	Azimuth	Height (cm)	Polarity (H/V)	Factors (dB)	Limit (dB μ V/m)	Margin (dB)	Detector (PK/AV)
1477.23	52.37	52	158	V	-23.72	74	-21.63	PK
2320.1	54.23	132	158	V	-21.33	74	-19.77	PK
1635.45	54.93	82	176	V	-25.73	74	-19.07	PK
2357.26	54.63	77	212	H	-22.95	74	-19.37	PK
2937.11	54.97	167	203	H	-21.77	74	-19.03	PK
1897.56	51.72	61	173	H	-22.39	74	-22.28	PK

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

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

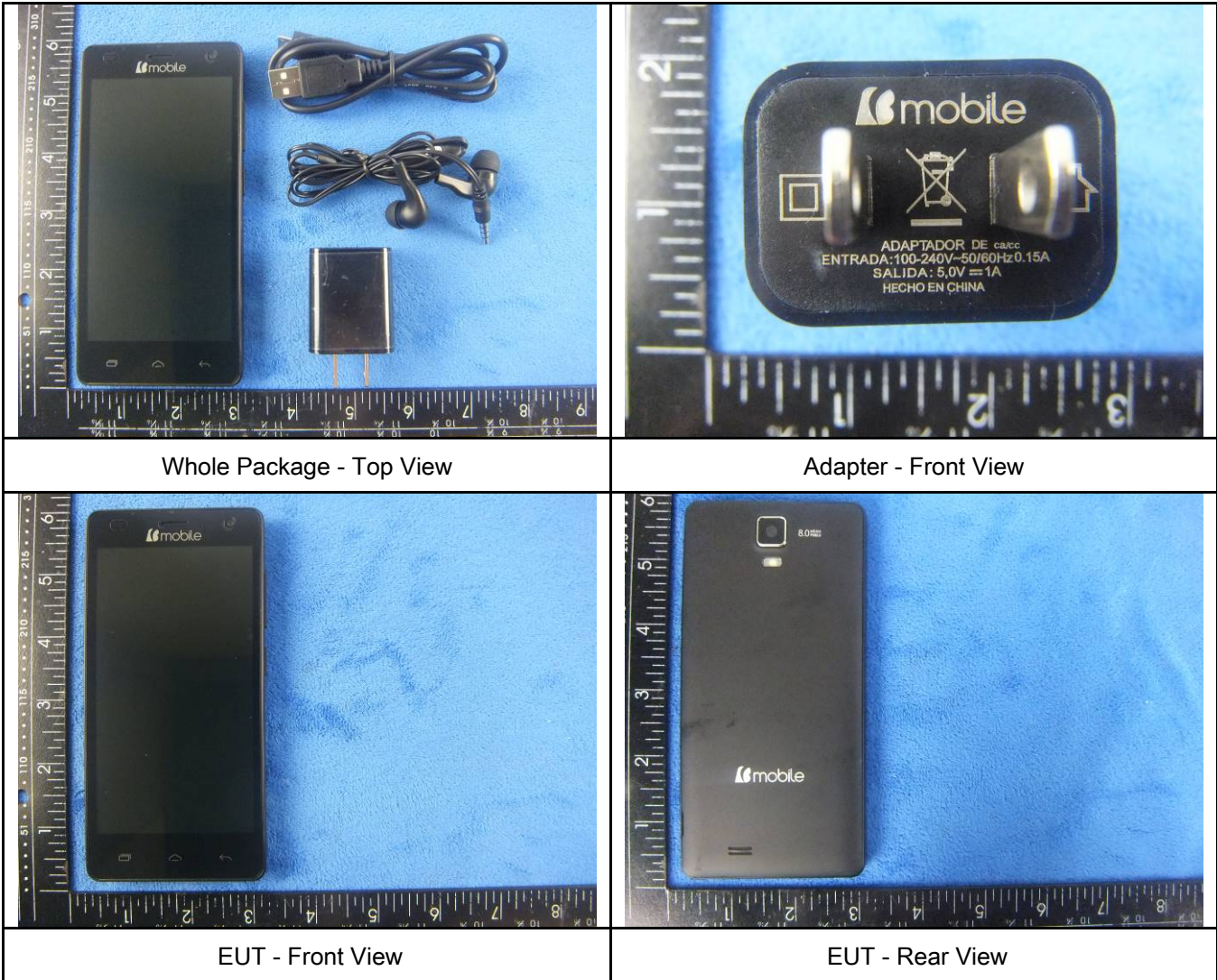
Note3: The AV measurement performed, more than 20dB below limit so AV test data was not presented.

Annex A. TEST INSTRUMENT

Instrument	Model	Serial #	Cal Date	Cal Due	In use
AC Line Conducted Emissions					
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"/>
Radiated Emissions					
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

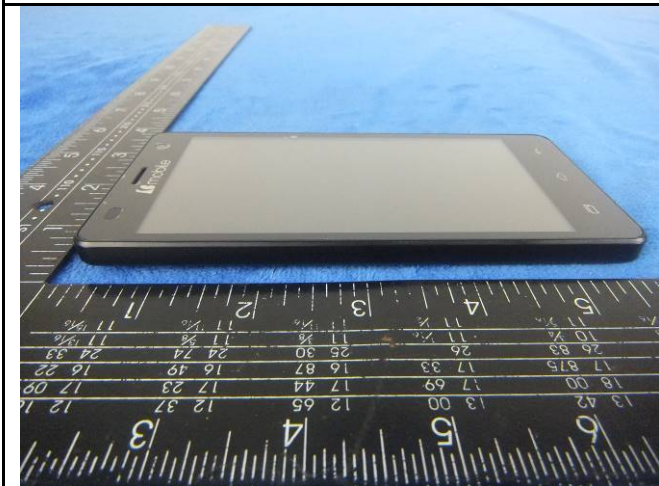
EUT - Rear View



EUT - Top View



EUT - Bottom View



EUT - Left View



EUT - Right View

Annex B.ii. Photograph: EUT Internal Photo



Cover Off - Top View 1



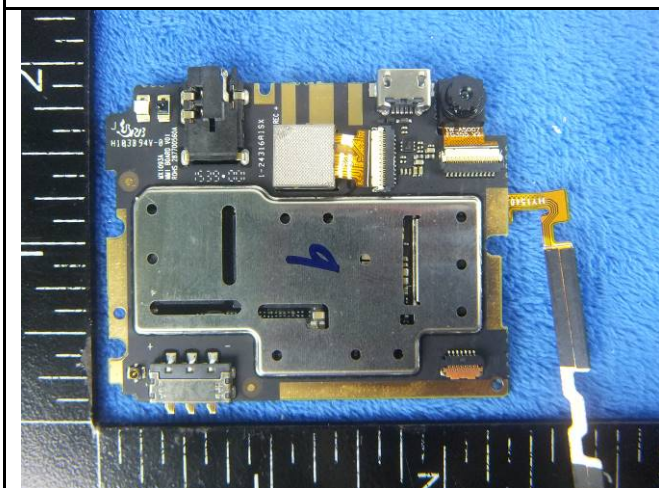
Cover Off - Top View 2



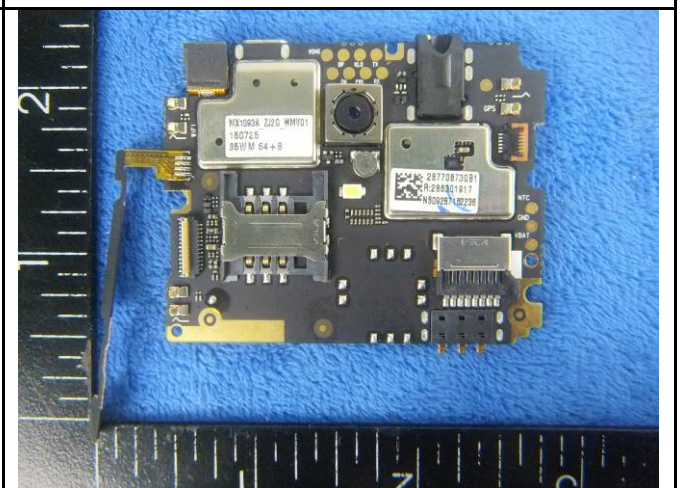
Battery - Top View



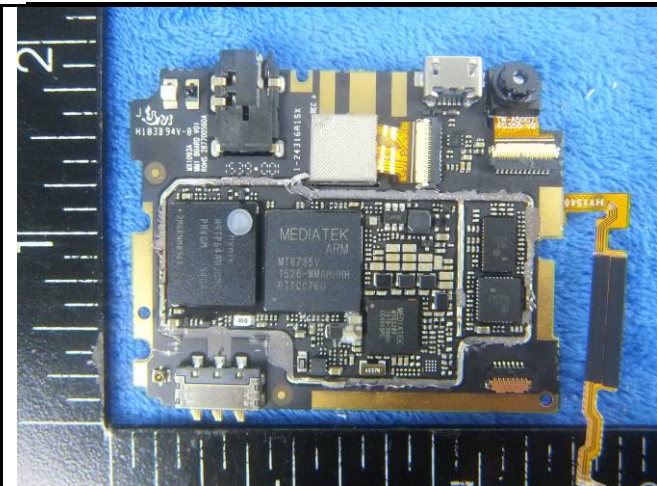
Battery - Bottom View



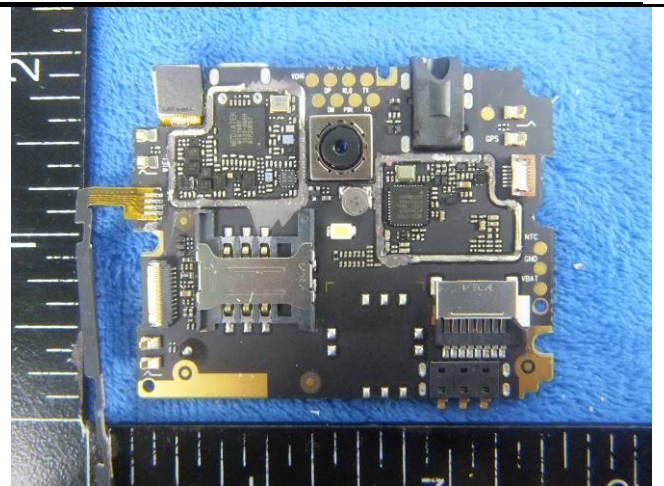
Mainboard with Shielding - Front View



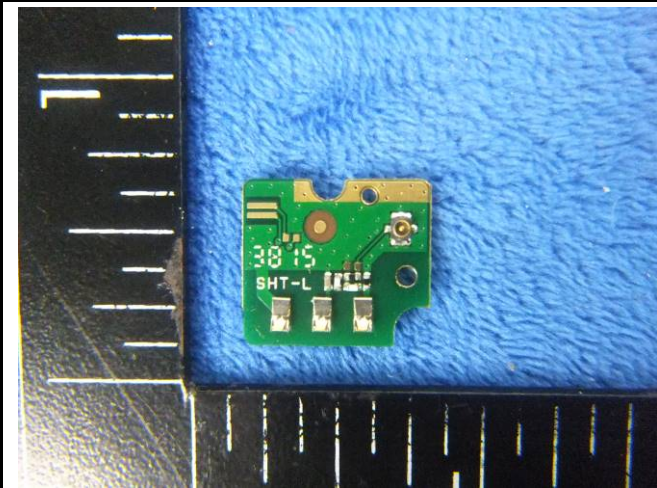
Mainboard with Shielding - Rear View



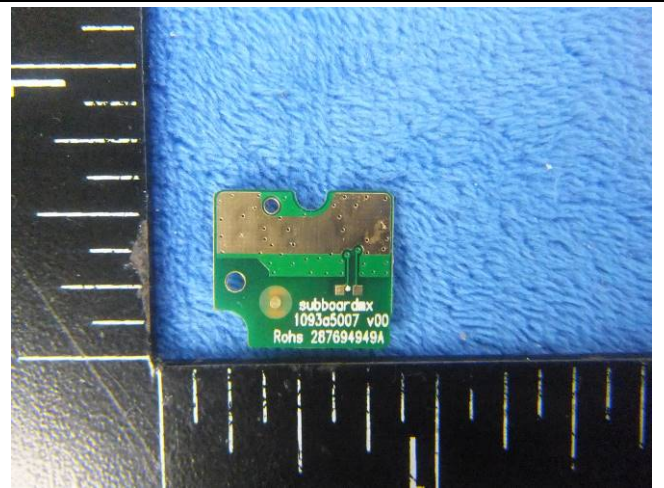
Mainboard without shielding - Front View



Mainboard without Shielding - Rear View



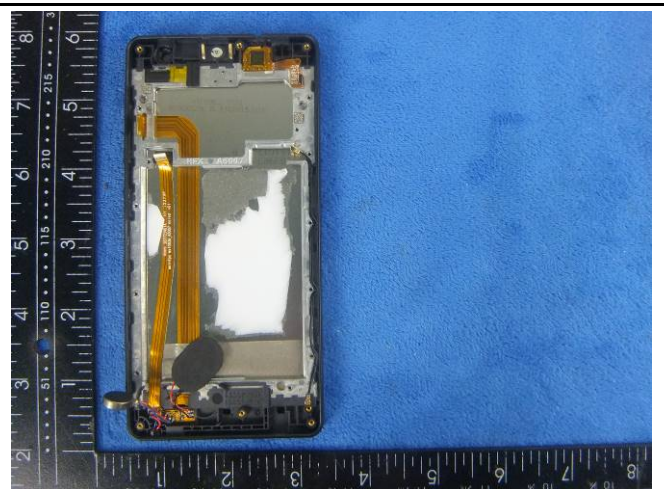
Small Board-Front View



Small Board-Rear View



LCD - Front View



LCD - Rear View



GSM/PCS/UMTS-FDD Antenna View



WIFI/BT/BLE - Antenna View



GPS - Antenna View



LTE- 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

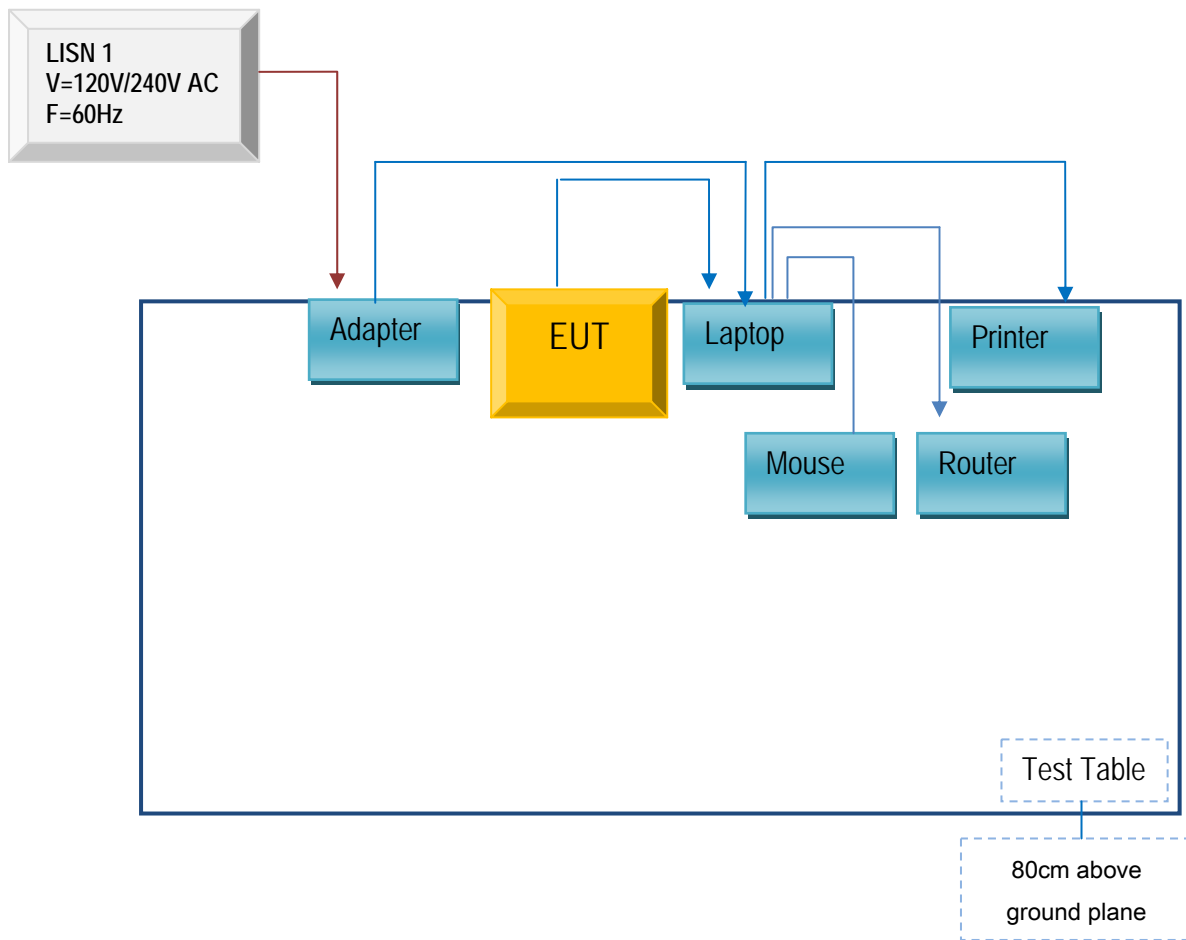


Radiated Spurious Emissions Test Setup Above 1GHz

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 and CABLE EQUIPMENT DESCRIPTION

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

Supporting Equipment:

Manufacturer	Equipment Description	Model	Calibration Date	Calibration Due Date
Lenovo	Lenovo Laptop	E40& 0579A52	N/A	N/A
GOLDWEB	Router	R102	N/A	N/A
HP	Printer	VCVRA-1003	N/A	N/A
DELL	Mouse	E100	N/A	N/A

Supporting Cable:

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

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

Please see Attachment

Annex E. DECLARATION OF SIMILARITY

b Mobile HK Limited

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: AX1050/AX1065/AX1055

FCC ID: ZSW-30-020

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.

For and on behalf of
b mobile HK Limited



Sincerely,.....
Authorized Signature(s)
Name: KA SHING LAM
Title: Director
Signature: